



# New Metropolitan Perspectives



**5TH INTERNATIONAL SYMPOSIUM**

**REGGIO CALABRIA** **MEDITERRANEA**  
**UNIVERSITY**

**EDITION 2022** PROGRAMME

**25.05.2022-27.05.2022**

**Post COVID Dynamics: Green and Digital Transition,  
between Metropolitan and Return to Villages' Perspectives**



# NEW METROPOLITAN PERSPECTIVES 2022

## BRIEF INSIGHT

The **New Metropolitan Perspective International Symposium 5th edition** is promoted by the LaborEst, PAU Department, Università Mediterranea of Reggio Calabria, Italy, in partnership with a qualified international network of academic institutions and scientific societies.

The Symposium is supported by the CLUDs Laboratory of the PAU Department, directed by Professor Carmelina Bevilacqua, with the synergic cross-linked research projects TREN D (Transition with Resilience for Evolutionary Development) and ZES (opportunity Zones for innovation EcosystemS governance) funded by the European Horizon2020 Program under the Marie Skłodowska Curie Actions – RISE and IF, and SOUND (Smart Open Urban- rural Data), funded by the Italian Ministry of Research under the PRIN Program.

In partnership with II Edition Rhegion UN 2030: towards a new space's ORMA - Opportunity and Risks of new Modalities of Anthropization between sustainability, innovation and fragility for the territory.



### SYMPOSIUM LANGUAGES:

ENGLISH - ITALIAN



WEB SITE: [www.nmp.unirc.it](http://www.nmp.unirc.it)



### SCIENTIFIC COORDINATORS:

[LaborEst, Mediterranea University](#) – Francesco Calabrò, Lucia Della Spina

[GRUPO ANTE, University of Santiago de Compostela](#) – María José Piñeira Mantiñán



### ORGANISING BODY:

[ASTRI](#) – Scientific Association on Interdisciplinary Research and Regional Studies

[ICOMOS Italia](#) - International Council on Monuments and Sites



# NEW METROPOLITAN PERSPECTIVES 2022

DESCRIPTION

# NMP 2022

International  
Symposium  
Fifth  
Edition

## POST COVID DYNAMICS: GREEN AND DIGITAL TRANSITION, BETWEEN METROPOLITAN AND RETURN TO VILLAGES' PERSPECTIVES

The event is organized with the aim to receive contributions from national and international scientific community on urban/rural dialogue within policy agendas of sustainability, transition and cohesion, according to the directions of the Green Deal and Agenda2030.

Facing with the scenario of great transformations that this century brings with it, cities and territories, citizens and communities are called to discuss, to share a vision of the future and a medium-term strategy. It is no coincidence that on an international level, in the last ten years the "strategic visions" of cities and territories have multiplied, developing policies, projects, allocating resources, designing their future.

Today the administrative boundaries no longer correspond to the physical, social, economic, cultural or environmental reality of urban/territorial development and new governance models are needed to manage the territorial system in its complexity: from the housing emergency to the exorbitant number of empty houses, the explosion of urban mobility and the movability, the internal and international migrations, the big data management and the internet of things, the private and common goods, the environmental risks, the industry 4.0 and the climate change. The territorial differences between metropolitan cities and internal areas already present but exacerbated by the crisis, has pitted the delays accumulated over the years, especially in the digitization sector, hypothesizing possible unlocking solutions.

In line with this, the debate emerged from the Symposium past edition highlighted the the progressive loss of relevance of the location factor, a paradigm shift of centre-periphery dualism in terms of accessibility and its measurement. Villages and inland areas are no longer just tourist destinations, but places of attraction for new forms of housing, in the name of quality of life. Localization choice that could concern wealthy professionals also looking for environmental quality, the urban underclass of services to people looking for lower real estate values, young people with entrepreneurial ambitions that are combined with a more sustainable lifestyle.

The planning discipline is faced with the new challenge of planning working time by reconciling it with a very strong demand for a different life cycle. A challenge that Stefano Boeri identifies with the concept of reciprocity on the French model between the city and the system of villages for which those who plan to move their lives in a place other than the city, have the guarantee of staying within a circular economy circuit on agriculture, forestry, craftsmanship and intellectual work linked to the big city. A challenge addressed by the idea of 'The 15-Minute City' theorized by Carlos Moreno to create this new multicenter and polycentric city, making accessibility to

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## DESCRIPTION

essential local services a priority, within a maximum distance of 10 to 15 minutes on foot or by bicycle.

In this context the issue of the green and digital transition is fundamental and important for Europe and especially for the less developed areas, but who is in charge of it?

The pandemic has caused an acceleration of this already present trend, generating the awareness of the fact that today changing one's life plan, that is to reside and work in a small town without losing contact with the city, has become a real and achievable possibility. The hyper-connectivity that characterizes the present strengthens our relationship with what surrounds us in a more immediate way, and the growth of micro-mobility, according to Jeffrey Schnapp, is part of this transformation that is underway, which from the sociological point of view will also change our perception of spaces.

Throughout Europe, digital technologies are already part of the urban heritage, while rural areas are experiencing a rapid transformation, which involves risks but also offers the opportunity to take on a new and different role. In this context, smart villages, and new relationships with urban areas lead the transition to a greener, healthier and more caring society. Cities and territories have access to several financial means at the EU level to achieve their objectives of regeneration, such as the European Structural and Investment Funds, the European Framework Programmes, the Just Transition Fund, InvestEU, the Next Generation EU instrument – with its Recovery and Resilience Facility - and other EU funds. Cities are seen as both the source of and solution to today's economic, environmental and social challenges. Urban policies therefore have wider cross-border significance, which is why urban development is central to the EU's Regional Policy. The reforms of the investment plans require effective multilevel governance in which multiple governments, national, regional and city councils, are autonomous but interdependent in the complementarity of planning strategic solutions based on mutual learning and negotiation.

In the perspective of the ecological transition, the reconversion of the construction sector is another topic of absolute centrality, demonstrating how the environmental objectives of the European Green Deal represents an innovation-driven development strategy for Europe towards a reorganization of priorities, making sustainable development the top strategic priority. At the governance level, the new EGD strategy raises several crucial multilevel governance challenges. Actors who were not at the center of the European integration process like the regions, or absent, as cities and communities are now likely to play a crucial role. The links between new technologies and sustainability tend to focus on the role played and that can play the city at EU level in fighting climate change. By contrast, this role cannot be based exclusively on experiences that emerge mainly from prosperous cities or capitals, because these do not reflect Europe as a whole.

Session and paper proposals are encouraged to target these concepts according to the Symposium main theme of Post COVID Dynamics: Green and Digital Transition, between Metropolitan and Return to Villages' Perspectives. The approach may be theoretical, methodological, thematic, interdisciplinary and have broadly conceived or more narrowly focused subjects.

# NEW METROPOLITAN PERSPECTIVES 2022

TREnD

## TREnD - Transition with Resilience for Evolutionary Development



### TREnD Focus - The silent technological revolution and the global transitions: The Game Changer of metropolitan and peripheral areas perspective

**MAY 25-26, 2022**

The opening panel of the NMP Symposium 2022 introduces the debate on the role of metropolitan and peripheral areas in rebalancing the side effects of the silent technological revolution and the global transitions.

We are experiencing a period characterized by uncertainty and complexity. The recent events have shown how non-linear development trajectories will be the “new normal” in the following decades. In the globalized world, shocks and crises have severe consequences at the local level, shaping new urban/territorial development scenarios where socio-ecological and socio-technological transformations claim a collective awareness for valid actions.

For a long time, cities, metropolitan areas, and regions have attempted to address their social, economic, and environmental issues against a fast change due to the technological impulse, too speedy to be absorbed in the required time but with irreversible transformations of every aspect of modern daily life.

A silent revolution that brings out the territorial gaps in addressing social and environmental vulnerabilities. Climate changes side effects, globalization dynamics, industrial transition, innovation and digitalization, migration, social exclusion, the COVID outbreak, and the implications of the recent geopolitical events are questioning the equity distribution of well-being. Such challenges impact and affect places differently according to their contextual conditions demonstrating the urgency for addressing vulnerabilities and inequalities in the transition towards resilience and sustainability.

This 2022 edition of the NMP Symposium benefits of the synergic cross-linked research projects TREnD (Transition with Resilience for Evolutionary Development) and ZES (opportunity Zones for innovation Ecosystems governance) funded by the European Horizon2020 Program under the Marie Skłodowska Curie Actions – RISE and IF, and SOUND (Smart Open Urban- rural Data), funded by the Italian Ministry of Research under the PRIN Program.

#### SCIENTIFIC COORDINATOR

Carmelina Bevilacqua, Mediterranea University of Reggio Calabria

# NEW METROPOLITAN PERSPECTIVES 2022

ICOMOS DAY

## ICOMOS DAY ON CULTURAL TOURISM



I Edition of ICOMOS Day on Cultural Tourism

**MAY 25-27, 2022**

In the context of the “New Metropolitan Perspective” International Symposium, the Italian ICOMOS Committee encourages to submit scientific contributions and session proposals for the ICOMOS Day on “Cultural Tourism”.

The main objective of the ICOMOS Day is to host a cultural debate aimed at involving all those who work in this field. The hope is to get by scientific debate useful directions to plan and implement actions able to maximize the contribution of Cultural Heritage as social and economic driver.

The Italian Cultural Heritage with its landscapes, cities and intangible resources is an unique tourist offer and increases competitiveness and attractiveness of our country, as highlighted by MIBACT in 2017 with the Strategic Development Plan of Tourism, and in particular by the National Recovery and Resilience Plan (Piano Nazionale di Ripresa e Resilienza - PNRR) “#Next Generation Italia”.

The macroareas that define the topics are:

- Cultural Tourism
- Cultural Landscape
- Cultural Routes
- Villages and Historic Towns
- Sites of Religions and Rituals
- Rock Art

### SCIENTIFIC COORDINATORS

Maurizio Di Stefano, President of ICOMOS Italia  
Francesco Calabrò, AREA 5 - ICOMOS Italia  
Roberta Alberotanza, AREA 5 - ICOMOS Italia

# NEW METROPOLITAN PERSPECTIVES 2022

RHEGION UNITED NATIONS 2020-2030

## RHEGION UNITED NATIONS 2020-2030



II Edition Rhegion United Nations 2030: *Towards a new space's ORMA, Opportunity and Risks of new Modalities of Anthropization between sustainability, innovation and fragility for the territory*

**MAY 25-26, 2022**

Even before pandemic cities shown thermodynamic limits, great social and contradictions (Harvey, 1993, 2012) and of meaningless (Augè, 1992, 1999): results of uncontrolled globalization (Rodrik, 2011) and of an unsustainable artificialization (Munafò, 2020). To respond to economic, environmental and health crises, with resilience as key element for environmental and social antifragility ((Rifkin, 2019; Taleb, 2012), the Event intends to face new paths of reterritorialization (Raffenstin, 1987). So participating in developing a robust theoretical and methodological framework inspired by the autopoiesis (Maturana and Varela, 1987) and ecopolitics (Morin, 1985, 2020), cultured technology (Del Nord, 1991; Zeleny, 1985), to go beyond the paradigm of the modern city, based on the goals' partnership required by the UN 2030 Agenda (2015). That is the transition from process control to product control (Nilles, 1988) together with the possible breaking of the synchrony between spaces and times, the foundations of the Informational city (Castells, 1989, 1996, 1997; Beguinot, 1989; Aragona, 1993), opens to new opportunities for the territory (Faggian, 2020; Torre, 2020). So contributing to the elimination of land consumption and to the protection of biodiversity (EU, 2019, 2020), developing operational paths to implement the Glocal (Robertson, 1995), between internal and central areas, based on the circular economy, combining innovation and environment.

The reference to Rhegion, the ancient Greek name of Reggio Calabria, intends to highlight the importance of history and memory for the present and to propose scenarios for a sustainable future linked to cultural, material and intangible heritage. Considering, moreover, that we are in the Region of Bernardino Telesio, author of *De rerum natura iuxta propria principia*, mentor of Tommaso Campanella, coming from Stilo (RC), who wrote *The City of the Sun*.

### SCIENTIFIC COORDINATOR

Stefano Aragona, Mediterranea University of Reggio Calabria.

# NEW METROPOLITAN PERSPECTIVES 2022

NMP2022 - GENERAL TIMETABLE

25 - 27 MAY 2022

## GENERAL TIMETABLE

Wed 25/05/2022								
9.00 - 11.00	OPENING - MArc (Archaeological Museum)							
11.30 - 13.30								
MEDITERRANEA UNIVERSITY OF REGGIO CALABRIA - ARCHITECTURE SCHOOL								
ATELIER								
	A1	A2	A3	A5	A6	A7	A9	Thesis Room
14.30 - 16.30	TS-21	FS-TRenD	FS-RH-SE	FS-IC07	FS-IC11	TS-40		TS-39
17.00 - 19.00	TS-21	FS-TRenD	FS-RH-SE	TS-30	SE-03 (IT)	TS-40		TS-36

Thu 26/05/2022								
MEDITERRANEA UNIVERSITY OF REGGIO CALABRIA - ARCHITECTURE SCHOOL								
	A1	A2	A3	A5	A6	A7	A9	Thesis Room
9.00-11.00	TS-21	FS-TRenD	TS-06	TS-03	FS-IC01/05	TS-18	TS-01	TS-38 onln
11.30 - 13.30	TS-07	FS-TRenD	TS-06	TS-08	SE-01 (IT)	TS-18	TS-04	TS-38 onln
lunch break	ATELIER							
14.30 - 16.30	TS-11/29	TS-32 onln	TS-26	TS-08	SE-01 (IT)	TS-19	TS-10	TS-41
17.00 - 19.00	TS-11/29	TS-23/27	FS-RH	TS-05	SE-01 (IT)	TS-19	TS-10	TS-41
GALA DINNER (Optional)								

Fri 27/05/2022								
MEDITERRANEA UNIVERSITY OF REGGIO CALABRIA - ENGINEERING SCHOOL								
	A01	A02	A1	A2	A3	A4	A5	A6
9.00-11.00	TS-16	TS-17/37	TS-35	TS-09	TS-34	TS-22	TS-13	TS-42
11.30 - 13.30	FS-IC12	TS-17/37	TS-35	TS-09	TS-34	TS-22	TS-13	TS-42
SE-02 - AWARDS CEREMONY - Engineering Lecture Hall – 11.30 - 13.30								
lunch break								
14.30 - 16.30	ROUND TABLE - Engineering Lecture Hall							
17.00 - 19.00								

Notes: The Opening Session will be held at the Archaeological Museum of Reggio Calabria  
The Scientific Session will take place at the Mediterranean University of Reggio Calabria.

 Special Events: SE-01 (IT) ICOMOS Day on Cultural Tourism; SE-02 Awards Ceremony; SE-03 Workshop: Through the Local Systems of Iter Vitis

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS - TS

„The largest part of the NMP2022 programme is the collection of Thematic Parallel Sessions, each on a different scientific topic. Each session has a short abbreviation which will be used on the schedule“

### TS01 REINVENTING PUBLIC SPACES WITH DIGITAL TRANSFORMATION IN THE POST-COVID ERA

Chairs: Chro Hama Radha, Sivan Hisham Taher Al-Jarah

### TS03 SUSTAINABLE ARCHITECTURE AND VALUE CREATION IN THE LIGHT OF COVID-19: THE ROLE OF EVALUATION IN SUPPORTING THE DESIGN PROCESS

Chairs: Isabella M. Lami, Elena Todella

### TS04 WELLNESS TOURISM

Chairs: Wahda Shuker Mahmoud Al-Hinkawi, Ibtisam Abdulelah Al Khafaji, Shaymaa Fadhil Alkubaisi

### TS05 SPREADING THE CULTURE OF SUSTAINABLE CITIES THROUGH THE SUSTAINABILITY ASSESSMENT TOOLS

Chair: Francesca Abastante

### TS06 THE ROLE OF SOCIAL INNOVATION IN MANAGING THE POST-PANDEMIC SCENARIO. IMPACT EVALUATION AND NEW GOVERNANCE MODELS TO REGENERATE ITALIAN TERRITORIES

Chairs: Luca Tricarico, Francesca Bragaglia, Alessia Mangialardo, Luigi Corvo

### TS07 THE EFFECTS OF NEW HOUSING NEEDS ON THE REAL ESTATE RESIDENTIAL MARKET DYNAMICS

Chairs: Leopoldo Sdino, Paolo Rosasco, Federica Cadamuro Morgante, Marco Rossitti

### TS08 LONG-TERM EFFECTS OF THE COVID19 PANDEMIC ON URBAN LIFE, THE REAL-ESTATE MARKET AND RELATED POLICIES

Chairs: Isabella M. Lami, Stefano Moroni

### TS09 CULTURAL HERITAGE BETWEEN RISK AND RESILIENCE

Chairs: Vanessa Assumma, Elisabetta Colucci, Giulia Datola, Marco Rossitti

### TS10 VALUATIONS SUPPORT GLOBAL ECOLOGICAL TRANSITION TOWARD GREEN WORLD AND POST CARBON CITY

Chair: Domenico Enrico Massimo

### TS11 COMMUNITY-DRIVEN APPROACHES FOR HERITAGE CONSERVATION IN MARGINAL AREAS

Chairs: Francesca Torrieri, Annunziata Maria Oteri, Marco Rossitti, Francesca Vigotti

### TS13 ENERGY TRANSITION: CITIZENS' ACTIVE ROLE, PROCESSES AND IMPACTS

Chairs: Marta Bottero, Chiara D'Alpaos, Federico Dell'Anna

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS - TS

„Papers addressed the main topic through a multidisciplinary perspective, pursuing an integrated approach in order to deal with strategic planning, spatial planning, economic programs and decision support tools“

TS16

### POST-PANDEMIC SUSTAINABLE DEVELOPMENT & ADAPTIVE REUSE PRACTICES OF INDUSTRIAL HERITAGE

Chairs: Asma Mehan, Hasan Bazazzadeh

TS17

### WATER RESOURCES MANAGEMENT IN AGRO-FOREST AREAS: FUTURE PERSPECTIVES AND CHALLENGES

Chairs: Demetrio Antonio Zema, Manuel Esteban Lucas-Borja

TS18

### THE ECOLOGICAL TRANSITION OF THE BUILT ENVIRONMENT: CULTURE, DESIGN AND TECHNOLOGY FROM THE URBAN TO THE VILLAGE DIMENSION

Chairs: Lidia Errante, Alberto De Capua

TS19

### THE ROLE OF GREEN INFRASTRUCTURES IN A POST-COVID 19 ERA. HOW TO ASSESS CONFLICTING IMPACTS AND BENEFITS OF ECOSYSTEM SERVICES

Chairs: Marta Bottero, Caterina Caprioli, Marta Dell'Ovo, Alessandra Oppio

TS21

### HEALTH-LED URBAN REGENERATION AND PLANNING? BETWEEN CONTINUITY AND INNOVATION IN THE DESIGN OF THE CITY

Chairs: Concetta Fallanca, Marco Mareggi, Antonio Taccone, Michele Ugolini

TS22

### THE TERRITORIAL RESILIENCE IN TIMES OF COVID-19 CRISIS

Chairs: Roberta Troisi, Paolo Castaldo

TS23

### FROM VULNERABILITY TO VIBRANCY: EXPLORING AND EVALUATING NEW SCENARIOS FOR FRAGILE AREAS

Chairs: Alice Barreca, Manuela Rebaudengo, Diana Rolando

TS26

### DECISION SUPPORT METHODS FOR RESILIENT LAND USE, SAVING SOIL AND SUSTAINABLE URBAN REGENERATION OF PROPERTIES IN DISUSE

Chairs: Pierluigi Morano, Francesco Tajani, Marco Locurcio

TS27

### THE CULTURAL AND CREATIVE INDUSTRIES – A PATHWAY TOWARDS ECONOMIC RECOVERY IN RURAL REGIONS?

Chairs: Daniel Laven, Claudio Marcianò, Wilhelm Skoglund

TS29

### COMMUNITIES IN TRANSITION: PARTICIPATORY CULTURAL HERITAGE MANAGEMENT TOOLS IN THE POST-COVID ERA

Chairs: Yakup Egercioğlu, Giuseppina Cassalia

TS30

### INNOVATIVE STRATEGIES AND SOLUTIONS TO REGENERATE CITIES: ASSESSMENT ISSUES

Chairs: Giovanna Acampa, Fabrizio Battisti

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS - TS

„Each 2 hours or 4 hours session is comprised of presentations, each lasting 20 minutes“.

- TS32** **URBAN PLANNING FOR SUSTAINABLE DEVELOPMENT OF CITIES IN THE GEOSPATIAL (BIG) DATA ERA**  
Chairs: Monica Sebillio, Michele Grimaldi
- TS34** **TERRITORIAL DYNAMICS AND ECONOMIC VALUES IN A SUSTAINABLE PERSPECTIVE**  
Chairs: Massimiliano Bencardino, Antonio Nesticò, Gabriella Maselli
- TS35** **SMART CITIES APPLICATIONS: INTEGRATED TECHNIQUES AND INNOVATIVE METHODOLOGIES FOR MONITORING**  
Chairs: Antonino Fotia, Vincenzo Barrile, Ernesto Bernardo
- TS36** **REGULATORY AND FINANCIAL TOOLS FOR THE UPGRADING AND SUSTAINABLE DEVELOPMENT OF THE TERRITORY: RISKS, OPPORTUNITIES AND PROSPECTS FOR ACHIEVING A LONG-TERM BALANCE**  
Chairs: Maria Macchiaroli, Roberta Di Pace, Chiara Fiori, Orlando Giannattasio
- TS37** **SPATIAL DATA INFRASTRUCTURES, URBAN MODELLING AND GEOSPATIAL ANALYSES IN ASSESSING URBAN AND RURAL LANDSCAPES: NEW PERSPECTIVES AND OPEN CHALLENGES**  
Chairs: Giuseppe Modica, Beniamino Murgante, Maurizio Pollino
- TS38** **THE METROPOLITAN FOOD SYSTEMS AT THE TEST OF COVID-19: CHANGES, REACTIONS, OPPORTUNITIES BETWEEN FOOD INSECURITY AND NEW NEEDS**  
Chair: Valentina Cattivelli
- TS39** **STRATEGIES AND MEASURES FOR A SUSTAINABLE ACCESSIBILITY AND EFFECTIVE TRANSPORT SERVICES IN INNER AND MARGINAL AREAS**  
Chairs: Marinella Giunta, Giovanni Leonardi, Francis M. M. Cirianni, Angelo S. Luongo
- TS40** **STRUCTURAL RETROFITTING BY SUSTAINABLE AND COMPATIBLE METHODS**  
Chairs: Raffaele Pucinotti, Valerio Alecci
- TS41** **SUSTAINABLE BUILDINGS AND LOW-CARBON TECHNOLOGIES FOR SUSTAINABLE CITIES AND COMMUNITIES**  
Chairs: Marina Mistretta, Maurizio Cellura
- TS42** **CITIZENSHIP, ENTREPRENEURSHIP AND YOUTH EMPOWERMENT: DIDACTIC AND EDUCATIONAL PERSPECTIVES**  
Chairs: Viviana Vinci, Loredana Perla

# NEW METROPOLITAN PERSPECTIVES 2022

FOCUS SESSIONS - FS / SPECIAL EVENTS SE

„Thirty tracks of thematic sessions run concurrently, along with specialized focus sessions and special events.“

FS-TR01  
-02-03

## TRANSITION WITH RESILIENCE FOR EVOLUTIONARY DEVELOPMENT

Chairs: Carmelina Bevilacqua, Vincenzo Provenzano, Pierre-Alexandre Balland, Cristina Kakderi

FS-TR04

## CITIES AS RESILIENCE "MACHINES": DRIVING THE URBAN TRANSITION

Chairs: Carmelina Bevilacqua, Pasquale Pizzimenti, Vincenzo Provenzano

FS-IC01

## CITIZENSHIP, ENTREPRENEURSHIP AND YOUTH EMPOWERMENT: DIDACTIC AND EDUCATIONAL PERSPECTIVES

Chairs: Sonia Ferrari, Luciano Romito

FS-IC05

## CULTURAL TOURISM IN HISTORIC TOWNS AND VILLAGES AS DRIVER OF SUSTAINABLE AND RESILIENT DEVELOPMENT

Chair: Paolo Motta

FS-IC07

## THE INTANGIBLE CULTURAL HERITAGE RETHINK THE ROLE OF EXPERTS TO RESPECT THE ROLE OF COMMUNITIES

Chair: Carla Maurano

FS-IC11

## ULYSSE'S JOURNEY AND MEDITERRANEAN CULTURAL LANDSCAPE, BETWEEN CULTURE, ENVIRONMENT, SOCIETY AND ECONOMY

Chairs: Francesco Calabrò, Roberta Alberotanza, Mariangela Monaca

FS-IC12

## BYZANTINE CALABRIA: MEMORIES, TRADITIONS, PERSPECTIVES

Chairs: Francesco Cuteri, Mauro Mormino

SE-01

## ICOMOS DAY ON CULTURAL TOURISM

Chairs: Maurizio Di Stefano, Francesco Calabrò, Roberta Alberotanza

FS-RH

## II EDITION RHEGION UNITED NATIONS 2030: TOWARDS A NEW SPACE'S ORMA, OPPORTUNITY AND RISKS OF NEW MODALITIES OF ANTHROPIZATION BETWEEN SUSTAINABILITY, INNOVATION AND FRAGILITY FOR THE TERRITORY

Chairs: Stefano Aragona, Gabriella Pultrone, Francesca Assennato, Sandro Fabbro, Fabiola Fratini, Francesca Silvia Rota, Paolo Salonia

FS-RH-  
SE

## II EDITION RHEGION UNITED NATIONS 2030: TOWARDS A NEW SPACE'S ORMA, OPPORTUNITY AND RISKS OF NEW MODALITIES OF ANTHROPIZATION BETWEEN SUSTAINABILITY, INNOVATION AND FRAGILITY FOR THE TERRITORY

Chair: Stefano Aragona

SE-02

## AWARDS CEREMONY: Edoardo Mollica Award - Valeria Morabito Award

Chairs: Vincenzo Tromba, Immacolata Lorè

SE-03

## WORKSHOP: THROUGH THE LOCAL SYSTEMS OF „ITER VITIS“

Chairs: Francesco Calabrò, Roberta Alberotanza

# NEW METROPOLITAN PERSPECTIVES 2022

NMP2022 - PLENARY SESSION

MARRC MUSEUM - REGGIO CALABRIA

WEDNESDAY

25

## OPENING PLENARY SESSION



During the Opening the Exhibition of the CoE Cultural Routes will be inaugurated.

*Edited by Roberta Alberanza*



The Opening will be held at the MARRC Museum in Reggio Calabria, from 9.00am to 1.00 pm. On-line ([Link Microsoft Teams](#))

### TIMETABLE // MARRC MUSEUM OF REGGIO CALABRIA



9.00am  
12.20am  
3.45hours

#### OPENING

9.15 Welcome messages

**Feliceantonio Costabile**, Rector of Mediterranea University of Reggio Calabria  
**Carmelo Malacrino**, MARRC Director - National Archaeological Museum of Reggio Calabria  
**Carmelo Versace**, Acting Mayor of the Metropolitan City of Reggio Calabria  
**Francesco Carlo Morabito**, Vice-Rector for International Relations, Mediterranea University of Reggio Calabria  
**Tommaso Manfredi**, Dean of PAU Dept, Mediterranea University of Reggio Calabria  
**Maria Jose Piñeira Mantiñan**, on behalf of the Editors of the New Metropolitan Perspectives' 5<sup>th</sup> Edition  
**Maurizio Di Stefano**, President of ICOMOS Italia  
**Domenico Enrico Massimo**, Senior Member of Real Estate Appraisal, PAU Dept.  
**Giuseppina Cassalia**, Member of ASTRI Association

#### 10.00 PANEL: The Technological silent revolution and the global transitions: the Game Changer of metropolitan and peripheral areas perspectives

Introduces **Carmelina Bevilacqua**, TRenD Project Scientific Coordinator

- *Relatedness, Complexity, and Regional Inequality in Europe*

**Ron Boschma**, Utrecht University

- *Global dynamics and territorial gaps: the contradictory role of Southern Italy*

**Francesca Moraci** - Mediterranea University of Reggio Calabria

- *Territorial Cohesion in less developed regions: Questioning the effectiveness of Smart Specialisation policies*

**Jozsef Benedek** - Babeş-Bolyai University and Miskolc University

#### 11.20 PANEL: Opportunity and Risks of new Modalities of Anthropization between sustainability, innovation and fragility for the territory

Introduces **Stefano Aragona**, Chief of Rregion United Nations 2030 - II Edition

- *Coping with complexity to govern the ecological transition*

**Federico Butera**, prof. Emeritus, Polytechnic of Milan

- *Nature resources, territories, and cities, between opportunities and risks of new anthropization dynamics*

**Andrè Torre**, President of the European Regional Science Association

#### 12.20 CLOSING REMARKS AND OPENING DISCUSSION



2.30pm

#### 14.30 PARTICIPANTS' REGISTRATION

*Mediterranea University of Reggio Calabria, Architecture School, Lecture Hall „Ludovico Quaroni“*

# NEW METROPOLITAN PERSPECTIVES 2022

NMP2022 - THEMATIC AND FOCUS PARALLEL SESSIONS - SPECIAL EVENTS

UNIRC - ARCHITECTURE SCHOOL - REGGIO CALABRIA

WEDNESDAY

25

„Thirty tracks of thematic sessions run concurrently, along with specialized special sessions and parallel events. Each 2 hours or 4 hours session is comprised of presentations, each lasting 20 minutes“.



# NEW METROPOLITAN PERSPECTIVES 2022

NMP2022 - THEMATIC AND FOCUS PARALLEL SESSIONS - SPECIAL EVENTS

UNIRC - ARCHITECTURE SCHOOL - REGGIO CALABRIA

THURSDAY  
26

„Thirty tracks of thematic sessions run concurrently, along with specialized special sessions and parallel events. Each 2 hours or 4 hours session is comprised of presentations, each lasting 20 minutes“.

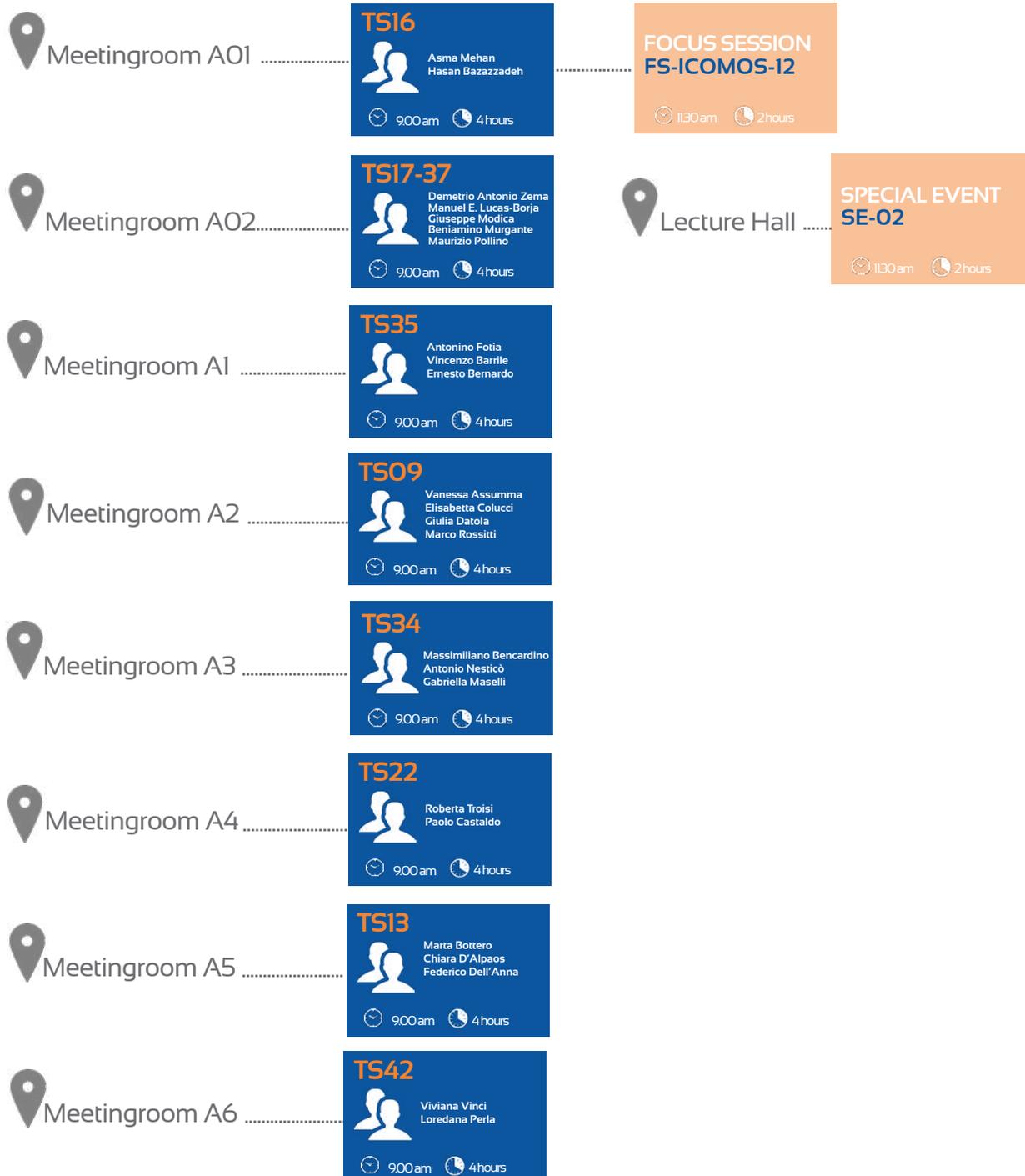
Meetingroom A1	<b>TS21</b> Concetta Fallanca Marco Mareggi Antonio Taccone Michele Ugolini 9:00am 2hours	<b>TS07</b> Leopoldo Sdino Paolo Rosasco Federica C. Morgante Marco Rossitti 11:30am 2hours	<b>TS11-29</b> Francesca Torrieri Annunziata M. Oteri Marco Rossitti Francesca Vigotti Yavuz Egercioglu Giuseppina Cassalia 14:30am 4hours
Meetingroom A2	<b>FOCUS SESSION FS-TrenD-01-2-3</b> 2:30pm 4hours	<b>TS32</b> Monica Sebillo Michele Grimaldi ON LINE (Teams) 2:30pm 2hours	<b>TS23-27</b> Alice Barreca Manuela Rebaudengo Diana Rolando Daniel Layen Claudio Marciano Wilhelm Stoglund 5:00pm 2hours
Meetingroom A3	<b>TS06</b> Luca Tricarico Francesca Bragaglia Alessia Mangialardo Luigi Corvo 9:00am 4hours	<b>TS26</b> Pierluigi Morano Francesco Tajani Marco Locurcio 2:30pm 2hours	<b>FOCUS SESSION FS-RHEGION</b> 4:30pm 3hours
Meetingroom A5	<b>TS03</b> Isabella M. Lami Elena Todella 9:00am 2hours	<b>TS08</b> Isabella M. Lami Stefano Moroni 11:30pm 4hours	<b>TS05</b> Francesca Abastante 5:00pm 2hours
Meetingroom A6	<b>FOCUS SESSION FS-ICOMOS-01/05</b> 9:00am 1hour	<b>SPECIAL EVENT SE-01 (IT)</b> 10:00am 6hours	
Meetingroom A7	<b>TS18</b> Lidia Errante Alberto De Capua 9:00am 4hours	<b>TS19</b> Marta Bottero Caterina Caprioli Marta Dell'Ovo Alessandra Oppio 2:30pm 4hours	
Meetingroom A9	<b>TS01</b> Chro Hama Radha Sivan Hisham Taher Al-Jarah 9:00am 2hours	<b>TS04</b> Wahda Shuker Mahmoud Al-Hikawi Ibtisam Abdulalah Al Khafaji Shaymaa Fadhil Alkubaisi 11:30am 2hours	<b>TS10</b> Domenico E. Massimo 2:30pm 4hours
Meeting Thesis Room	<b>TS38</b> Valentina Cattivelli ON LINE (Teams) 9:00am 4hours	<b>TS41</b> Marina Mistretta Maurizio Cellura 2:30pm 4hours	

# NEW METROPOLITAN PERSPECTIVES 2022

NMP2022 - THEMATIC AND FOCUS PARALLEL SESSIONS - SPECIAL EVENTS  
UNIRC - ENGINEERING SCHOOL - REGGIO CALABRIA

„Thirty tracks of thematic sessions run concurrently, along with specialized special sessions and parallel events. Each 2 hours or 4 hours session is comprised of presentations, each lasting 20 minutes“.

FRIDAY  
27



# NEW METROPOLITAN PERSPECTIVES 2022

## ROUND TABLE

UNIRC - ENGINEERING SCHOOL - REGGIO CALABRIA

FRIDAY  
27

# ROUND TABLE (IT) METROPOLITAN PERSPECTIVES 2022



The Round Table will be held at the Engineering Lecture Hall - Mediterranean University, in Reggio Calabria, from 3.00 pm to 5.00 pm.

On-line  
([Link Microsoft Teams](#))

## TIMETABLE // MEDITERRANEA UNIVERSITY OF REGGIO CALABRIA



3:00 pm  
4:30 pm  
1.5 hours

### ROUND TABLE - METROPOLITAN PERSPECTIVES 2022 (IT)

#### Introduction

Francesco Calabrò, LaborEst - UNIRC

#### Speakears:

Massimiliano Bencardino, Università di Salerno

Maurizio Di Stefano, ICOMOS Italia

Concetta Fallanca, UNIRC

Marinella Giunta, UNIRC

Antonio Nesticò, Università di Salerno

Viviana Vinci, UNIRC

Consuelo Nava, UNIRC



4:30 pm  
5:00 pm  
1/2 hour

### CLOSING REMARKS AND OPENING DISCUSSION

# KEYNOTE SPEAKERS

„We are proud to present five excellent keynote speakers. From their different research-perspectives, they will all touch upon the symposium theme „Post Covid Dynamics: Green and Digital Transition, Between Metropolitan and Return to Villages’ Perspectives“.



**RON BOSCHMA** Ron Boschma is Full Professor in Regional Economics at the Department of Human Geography and Spatial Planning at Utrecht University. He also holds a Chair in Innovation Studies at the UiS Business School, Stavanger Centre for Innovation Research, at Stavanger University. In the period 2013-2015, Boschma has been director of the Centre for Innovation, Research and Competence in the Learning Economy (CIRCLE) at Lund University. He has widely published in international journals on Evolutionary Economic Geography, the spatial evolution of industries, regional systems of innovation, the structure and evolution of networks, agglomeration externalities and regional growth. He has been one of the founders of Evolutionary Economic Geography, a new and expanding stream in Economic Geography. Boschma is member of Scientific Advisory group for European Commission DG Urban and Regional Policy, 2018-2020, member of the Board of the International Regional Studies Association since 2015, and he has been member of the Research, Innovation and Science Experts (RISE) High-Level Advisory Body to European Commissioner Carlos Moedas in the period 2015-2016. Boschma was ranked by Thomson Reuters among the top 1% of cited researchers worldwide in all scientific fields in 2014-2019.

**JÓZSEF BENEDEK** József Benedek is Professor of Human Geography at the Babeş-Bolyai University (BBU), Faculty of Geography, Cluj (Romania), and at the Faculty of Economics, Miskolc (Hungary). He is also Director of the Research Centre of Sustainable Development, Member of the Hungarian Academy of Science, Alexander von Humboldt Fellow, and New Europe College Fellow. His research interests fall into four major areas: regional economic development, sustainable development, geography of public policy. He is author of several publications on the topic of Smart Specialization Strategies in less developed regions, urban policy and regional development, EU Cohesion Policy and peripheralization.



# NEW METROPOLITAN PERSPECTIVES 2022

## KEYNOTE SPEAKERS PROFILE

„We are proud to present five excellent keynote speakers. From their different research-perspectives, they will all touch upon the symposium theme „Post Covid Dynamics: Green and Digital Transition, Between Metropolitan and Return to Villages’ Perspectives“.



**FRANCESCA MORACI** Francesca Moraci is Full Professor in Urban Planning at the University of Reggio Calabria. She was Visiting Professor at the Chongqin University (China) and at the ETSAV-UPC of Barcelona (Universitat de Catalunya). She has held institutional roles for the Ministry of Sustainable Infrastructure and Mobility (MIMS), FS Italiane Holding and ANAS. She was among the 15 MIMS experts for the National Strategic Plan for Ports and Logistics (port reform). In 2021, she has been appointed by the Ministry of Infrastructure and Sustainable Mobility Member of the Committee to reform the national legislation on land use planning, urban planning standards (public services) and public works. Since 2020, she is a member of the scientific committee of the Sustainable Infrastructure Association and a member of the permanent Observatory on Infrastructure, Transport and Logistics at EURISPES - Institute of Political, Economic and Social Studies. She promotes and coordinates the Mediterranean University reflection group on the „Crisis of the city: reasons, remedies, initiatives“, UN-MAE resolution along with the studies on ethics of the city. She is the designer of several city plans with attention to the link between urban welfare and governance. Over the years, her research projects have always taken account of the political reasons for the disparities within the city, and between regions, and studied the forces that make persistent disadvantaged conditions. She is the author of over 160 scientific publications, including monographs, journals articles and essays, as well as websites and other online publications.

**FEDERICO MARIA BUTERA** Italian academic, emeritus professor of environmental technical physics at the Milan Polytechnic. He is considered one of the pioneers of scientific environmentalism in Italy and of the dissemination of sustainable architecture practices. His scientific contributions include research on sustainable urban planning with the application of the thermodynamics of systems far from equilibrium and the science of complexity. In addition to the themes of sustainable urban planning and the study of the potential of renewable energy sources for the development of territories, also collaborating with the UN agency Habitat. For years, he has supported his scientific research activity with an intense dissemination of energy issues and sustainable development, through his books, articles in newspapers and magazines, convinced of the role of science in influencing social and political activities. Among the national and international awards received, we highlight: the World Renewable Energy Network award as „Pioneer for Contributions in Renewable Energy“ in 1998, the Eurosolar award for commitment and achievements in the field of solar energy and sustainable architecture in 2004, the PLEA (Passive and Low Energy Architecture) Pioneer Award in 2015, the Demetra award for environmental non-fiction and the „Europe we want ‚Robert Schuman‘ award“, conferred by the Academy of Sciences of the Institute of Bologna, in 2021.



# NEW METROPOLITAN PERSPECTIVES 2022

## KEYNOTE SPEAKERS PROFILE

„We are proud to present five excellent keynote speakers. From their different research-perspectives, they will all touch upon the symposium theme „Post Covid Dynamics: Green and Digital Transition, Between Metropolitan and Return to Villages’ Perspectives“.



**ANDRÈ TORRE** (Institute of Agronomic Research), attached to Agro Paris Tech. His research has long been on the border between space economics and industrial economics. Then they took a more multidisciplinary turn, with a growing interest in spatial planning issues and Sustainable Development processes. He has published many articles and a few books, mainly on issues of space and coordination between actors. Today his work is devoted to the analysis of proximity relations and their importance in coordination processes between actors. They focus on two areas of study: local interactions between innovative firms, and more particularly the role played by geographical proximity in the transmission of knowledge; conflicts of use and neighbourhood. This multidisciplinary approach aims to identify and define conflicts, as well as their modes of management or resolution. His involvement in the administration of research leads him to assume the functions of President of ERSAs, Director of PSDR programs (For and On Regional Development), Editor-in-Chief of RERU (Revue d’Economie régionale et Urbaine) and Head of the Proximity team of the UMR SAD-APT (INRA - Agro Paris Tech). He is also past-President of the ASRDLF (French Association of Regional Sciences of French Language).

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

### TS01-04

## REINVENTING PUBLIC SPACES WITH DIGITAL TRANSFORMATION IN THE POST-COVID ERA WELLNESS TOURISM

Chro Hama Radha - Department of Architectural Engineering/Faculty of Engineering/ Koya University, Iraq , TSO1 Chair with Sivan Hisham Taher Al-Jarah - Technical College of Engineering/City Planning Department / Sulaimani Polytechnic University, Sulaymaniyah, Iraq.

#### BIOGRAPHY

Chro Hama Radha, has a Ph.D. in architecture engineering/ Sustainable Urban Design. currently, she works as a lecturer at the Department of Engineering/Faculty of University, Iraq.

- She is a Member of the Scientific Committee at the Department of Architectural Engineering.

- Editorial Board Team at the International Journal entitled Pollack Periodica from 2019.

- Head of an NGO Organization entitled Energy Conservation and Improvement Organization in building Sector from 2019.

- Designer and supervisor of the hospital and health center projects for 9 years at the Ministry of Health.

Sivan Hisham Taher Al-Jarah has a Ph.D. in Urban & Rural planning. Currently, she works as a lecturer at the City Planning Department/ Sulaimani Polytechnic University since 2014.

- Head of the City Planning Department

- Member of the Scientific Committee at the City Planning Department.

Wahda Shuker Mahmoud Al-Hinkawi - University of Technology/ Department of architecture /Iraq / Baghdad, TSO4 Chair with Ibtisam Abdullelah Al Khafaji - Al Israa University College / department of Architecture / Iraq / Baghdad, and Shaymaa Fadhil Alkubaisi - Koya University, Faculty of Engineering, Architectural Engineering Department, Erbil, Iraq.

#### BIOGRAPHY

Wahda Shuker Mahmoud Al-Hinkawi. Master of Science in Architectural Engineering (1993 to 1995)/ University of Technology/ Baghdad/Iraq. Ph.D. in architecture (1999 to 2004)/ University of Technology/ Baghdad/ Iraq. Supervised more than twenty Master and Ph.D. Theses from 2008 until now theses. A member of many scientific committees. A reviewer for many local and international journals. Head of the Department of Architecture from May 2014 to May 2016. Editor in chief for the Iraq journal for architectural engineering.

Ibtisam Abdullelah Al Khafaji . Ms.d. Science in Architectural Engineering / University of Technology /Iraq/1999 , Ph.D. Architecture: Spatial planning / Università degli studi Mediterranea di Reggio Calabria /Italy /2013. 26 years of creative work as scientific researcher inside and outside Iraq. Promote scientific research on major challenges faced by developing countries . Capacity to guide staff and motivated teams in a multicultural environment.

Shaymaa Fadhil Alkubaisi is graduated from University of Technology, Architectural Department, I have got :- "B.Sc. degree in (1997), "M.Sc. Degree in (2000) in architectural engineering especially in (urban design) , "PHD. Degree in Architecture (2017) 22 years of creative work as scientific researcher and a designer inside Iraq, and a member of scientific committees, as well as a reviewer of scientific national and international Journal, teaching in many places in Iraq like University of Technology/ Baghdad, Koya university, TIU, ChU in Erbil.

Thursday 26th May 9.00 - 11.00 / 11.30 - 13.30  
UNIRC - Architecture School - Room: A9  
On-line ([Link Microsoft Teams](#))

### 9.00 - 11.00 - TSO1 - REINVENTING PUBLIC SPACES WITH DIGITAL TRANSFORMATION IN THE POST-COVID ERA

#### 1. Adapting Outdoor Space for Post COVID-19

Chro Hama Radha, Sivan Hisham Taher Al-Jarah

#### 2. Reshaping Public Spaces under Impacts of Covid-19

Sivan Hisham Taher Al-Jarah, Chro Hama Radha, Rebaz Jalil Abdullah Abdullah

#### 3. Where do the Children Play? Taxonomy of Children's Play Areas and Role of the City of Culture in Santiago de Compostela

María de los Ángeles Piñeiro-Antelo, Lucrezia Lopez, Miguel Pazos-Otón

#### 4. A Triadic Framework for Sustaining Metaphorical Conceptualization to Automate Urban Design Creativity

Mohammed Mustafa Ahmed Ezzat

### 11.30 - 13.30 - TSO4 - WELLNESS TOURISM

#### 5. Sustainable Tourism and Its Role in Preserving Archaeological Sites

Dimah Wahhab Ajeena

#### 6. Sustainable Transportation for Healthy Tourist Environment: Erbil City-Iraq a Case Study

Shahad Ali Dawood, Wahda Shuker Al-Hinkawi

#### 7. The Urban Blue Space as a Wellness Tourism Destination

Reema Hamza Yassin, Rawaa Fawzi Naom Abbawi



# NEW METROPOLITAN PERSPECTIVES 2022

THEMATIC SESSIONS

TS03

## SUSTAINABLE ARCHITECTURE AND VALUE CREATION IN THE LIGHT OF COVID-19: THE ROLE OF EVALUATION IN SUPPORTING THE DESIGN PROCESS

TS

Thursday 26th May 9.00 - 11.00  
UNIRC - Architecture School - Room: A5  
On-line ([Link Microsoft Teams](#))

Isabella M. Lami - Inter-university Department of Regional & Urban Studies and Planning, Politecnico di Torino, TS03 Chair with Elena Todella - Inter-university Department of Regional & Urban Studies and Planning, Politecnico di Torino.

### 1. Valuation and Design for Economic and Social Value Creation

*Isabella M. Lami, Beatrice Mecca, Elena Todella*

### 2. Projecting the Underused. Increasing the Transformation Value of Residential Spaces through their Adaptive Reuse

*Elena Todella, Caterina Quaglio, Isabella M. Lami*

### 3. Back to School. Addressing the Regeneration of the Italian School Building Stock in the Latent Pandemic Contingency

*Caterina Barioglio, Daniele Campobenedetto*

### 4. Post-Covid City: Proximity Spaces, Sharing Economy and Phygital

*Federica Marchetti*

### 5. Digital Platforms, Imaginaries and Values Creation: Opportunities for New Urban Dynamics

*Maria Cerreta, Fernanda Della Mura, Eugenio Muccio*

### 6. Grid Governance between Spatial Efficiency and Social Segregation: Chinese Gated Communities Socio-spatial Responses Amidst COVID-19 Outbreak

*Edoardo Bruno, Francesco Carota*

### 7. Is City Love a Success Factor for Neighbourhood Resilience? Results from a Microcosmic Analysis of Rotterdam

*Karima Kourtit, Peter Nijkamp, Umut Türk, Mia Wahlstrom*

### BIOGRAPHY

*Isabella M. Lami, Ph.D, is Professor of Urban Planning Evaluation and Project Appraisal. She has extensive experience in Multicriteria Decision Analysis, Problem Structuring Methods and decision-making processes in the context of urban and territorial transformations. She is involved / has collaborated / coordinated a series of European and international research projects in the field.*

*Elena Todella is an architect and a post-Doc research fellow at Politecnico di Torino. Her research activities concern complex urban and architectural transformations, by focusing on both architectural design and decision-making processes. She is currently involved in an excellence department project about the 2030 Agenda and the SDG 11.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

### TS04-TS01

## REINVENTING PUBLIC SPACES WITH DIGITAL TRANSFORMATION IN THE POST-COVID ERA WELLNESS TOURISM

Chro Hama Radha - Department of Architectural Engineering/Faculty of Engineering/ Koya University, Iraq , TS01 Chair with Sivan Hisham Taher Al-Jarah - Technical College of Engineering/City Planning Department / Sulaimani Polytechnic University, Sulaymaniyah, Iraq.

#### BIOGRAPHY

Chro Hama Radha, has a Ph.D. in architecture engineering/ Sustainable Urban Design. currently, she works as a lecturer at the Department of Engineering/Faculty of University, Iraq.

- She is a Member of the Scientific Committee at the Department of Architectural Engineering.

- Editorial Board Team at the International Journal entitled Pollack Periodica from 2019.

- Head of an NGO Organization entitled Energy Conservation and Improvement Organization in building Sector from 2019.

- Designer and supervisor of the hospital and health center projects for 9 years at the Ministry of Health.

Sivan Hisham Taher Al-Jarah has a Ph.D. in Urban & Rural planning. Currently, she works as a lecturer at the City Planning Department/ Sulaimani Polytechnic University since 2014.

- Head of the City Planning Department

- Member of the Scientific Committee at the City Planning Department.

Wahda Shuker Mahmoud Al-Hinkawi - University of Technology/ Department of architecture /Iraq / Baghdad, TS04 Chair with Ibtisam Abdulelah Al Khafaji - Al Israa University College / department of Architecture / Iraq / Baghdad, and Shaymaa Fadhil Alkubaisi - Koya University, Faculty of Engineering, Architectural Engineering Department, Erbil, Iraq.

#### BIOGRAPHY

Wahda Shuker Mahmoud Al-Hinkawi. Master of Science in Architectural Engineering (1993 to 1995)/ University of Technology/ Baghdad/Iraq. Ph.D. in architecture (1999 to 2004)/ University of Technology/ Baghdad/ Iraq. Supervised more than twenty Master and Ph.D. Theses from 2008 until now theses. A member of many scientific committees. A reviewer for many local and international journals. Head of the Department of Architecture from May 2014 to May 2016. Editor in chief for the Iraq journal for architectural engineering.

Ibtisam Abdulelah Al Khafaji . Ms.d. Science in Architectural Engineering / University of Technology /Iraq/1999 , Ph.D. Architecture: Spatial planning / Università degli studi Mediterranea di Reggio Calabria /Italy /2013. 26 years of creative work as scientific researcher inside and outside Iraq. Promote scientific research on major challenges faced by developing countries . Capacity to guide staff and motivated teams in a multicultural environment.

Shaymaa Fadhil Alkubaisi is graduated from University of Technology, Architectural Department, I have got :- "B.Sc. degree in (1997), "M.Sc. Degree in (2000) in architectural engineering especially in (urban design), "PHD. Degree in Architecture (2017) 22 years of creative work as scientific researcher and a designer inside Iraq, and a member of scientific committees, as well as a reviewer of scientific national and international Journal, teaching in many places in Iraq like University of Technology/ Baghdad, Koya university, TIU, ChU in Erbil.

Thursday 26th May 9.00 - 11.00 / 11.30 - 13.30  
UNIRC - Architecture School - Room: A9  
On-line ([Link Microsoft Teams](#))

### 9.00 - 11.00 - TS01 - REINVENTING PUBLIC SPACES WITH DIGITAL TRANSFORMATION IN THE POST-COVID ERA

#### 1. Adapting Outdoor Space for Post COVID-19

Chro Hama Radha, Sivan Hisham Taher Al-Jarah

#### 2. Reshaping Public Spaces under Impacts of Covid-19

Sivan Hisham Taher Al-Jarah, Chro Hama Radha, Rebaz Jalil Abdullah Abdullah

#### 3. Where do the Children Play? Taxonomy of Children's Play Areas and Role of the City of Culture in Santiago de Compostela

María de los Ángeles Piñero-Antelo, Lucrezia Lopez, Miguel Pazos-Otón

#### 4. A Triadic Framework for Sustaining Metaphorical Conceptualization to Automate Urban Design Creativity

Mohammed Mustafa Ahmed Ezzat

### 11.30 - 13.30 - TS04 - WELLNESS TOURISM

#### 5. Sustainable Tourism and Its Role in Preserving Archaeological Sites

Dimah Wahhab Ajeena

#### 6. Sustainable Transportation for Healthy Tourist Environment: Erbil City-Iraq a Case Study

Shahad Ali Dawood, Wahda Shuker Al-Hinkawi

#### 7. The Urban Blue Space as a Wellness Tourism Destination

Reema Hamza Yassin, Rawaa Fawzi Naom Abbawi

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS05

### SPREADING THE CULTURE OF SUSTAINABLE CITIES THROUGH THE SUSTAINABILITY ASSESSMENT TOOLS

TS

Thursday 26th May 17.00 - 19.00  
UNIRC - Architecture School - Room: A5  
On-line ([Link Microsoft Teams](#))

Francesca Abastante -  
Politecnico di Torino (DIST), TS05 Chair.

#### 1. Sustainable Policies in a Latin-American Context

*Daniela Santana Tovar, Sara Torabi Moghadam, Patrizia Lombardi*

#### 2. The Never-Ending Story of the Metropolitan Area of Vigo (Galicia, Spain)

*Alejandro Otero-Varela, Paül Valerià*

#### 3. Assessing the SDG11 on a Neighborhood Scale through the Integrated Use of GIS Tools. An Italian Case Study

*Francesca Abastante, Marika Gaballo*

#### 4. Methodological Proposal for the Sustainability of Sports Events

*Tiziana Binda, Sara Viazzo, Marta Bottero, Stefano Corgnati*

#### 5. Sustainable Development Goals (SDGs) Evaluation for Neighbourhood Planning and Design

*Valeria Saiu, Ivan Blečić*

#### 6. Around Cosenza

*Francesca Moraci, Celestina Fazio, Dora Bellamacina*

#### BIOGRAPHY

*Researcher in Project Appraisal at Polito (DIST). Her research focuses on decision processes in territorial planning with particular attention to SA Tools, MCDA and SDGs. She is/has been involved in different international research projects and coauthored numerous scientific papers. She is member of the International Societies MCDM and EURO.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

### TS06

## THE ROLE OF SOCIAL INNOVATION IN MANAGING THE POST-PANDEMIC SCENARIO. IMPACT EVALUATION AND NEW GOVERNANCE MODELS TO REGENERATE ITALIAN TERRITORIES

Luca Tricarico - Department of Business and Management, Luiss University, TS06 Chair with Francesca Bragaglia - Interuniversity Department of Regional and Urban Studies and Planning (DIST), Politecnico di Torino, Alessia Mangialardo - Independent Researcher and Luigi Corvo - Open Impact.

#### BIOGRAPHY

*Luca Tricarico is Post-Doc researcher at Luiss Guido Carli and Luiss Business School, Adjunct Professor in Development Economics (Sapienza University) PhD in Urban Planning, Design and Policy at the Politecnico di Milano.*

*Francesca Bragaglia is PhD candidate in Urban and Regional Development at the Politecnico di Torino. Currently conducting trans-national research on new co-produced urban governance tools in the last decade by European governments.*

*Alessia Mangialardo is Freelance Architect, Consultant and Researcher in the fields of Urban Regeneration, Real Estate Appraisal, Social Impact Evaluation and Social Innovation-based Urban Development Policy.*

*Luigi Corvo is Professor of Social Innovation and Common Goods at the Economics Faculty of the University of Rome Tor Vergata, founder of the spin-off called Open Impact. Member of the National Council of the Third Sector and impact assessment expert for the Social Innovation Fund of the Presidency of the Council of Ministers of the Italian Government. Program Chair of the European Academy of Management.*

Thursday 26th May 9.00 - 11.00 / 11.30 - 13.30  
UNIRC - Architecture School - Room: A3  
On-line ([Link Microsoft Teams](#))

#### **1. Sustainability Frameworks and the Recovery and Resilience Plan. Challenges from the Italian Context**

*Lavinia Pastore, Luigi Corvo, Luca Tricarico*

#### **2. Investigation on Limits and Opportunities of Rural Social Innovation in the Belluno Dolomites**

*Maurizio Busacca*

#### **3. Culture Leading to Urban Regeneration. Empirical Evidence from some Italian Funding Programs**

*Francesco Campagnari, Ezio Micelli, Elena Ostanel*

#### **4. Strengthening Community-based Organizations through Social Impact Readiness: Lessons from "Periferiacapitale"**

*Luca Tricarico, Luigi Corvo, Lavinia Pastore, Arda Lelo*

#### **5. Social Innovation or Societal Change? Rethinking Innovation in Bottom-up Transformation Processes Starting from Three Cases in Rome's Suburbs**

*Luca Brignone, Carlo Cellamare, Marco Gissara, Francesco Montillo, Serena Olcuire, Stefano Simoncini*

#### **6. Pandemic, Fear and Social Innovation**

*Federica Scaffidi*

#### **7. Impact Assessment for Culture-based Regeneration Projects: a Methodological Proposal of Ex-Post Co-Evaluation**

*Maria Cerreta, Ludovica La Rocca, Ezio Micelli*

# NEW METROPOLITAN PERSPECTIVES 2022

THEMATIC SESSIONS

TS07

## THE EFFECTS OF NEW HOUSING NEEDS ON THE REAL ESTATE RESIDENTIAL MARKET DYNAMICS

TS

Thursday 26th May 11.30 - 13.30  
UNIRC - Architecture School - Room: A1  
On-line ([Link Microsoft Teams](#))

### 1. Proposal for Mapping Social Housing Needs. The Apulia Region Case Study

*Giulia Spadafina, Giovanna Mangialardi*

### 2. Barcelona's Challenge to Supply Affordable Housing. Innovative Tenure Alternatives to Improve Accessibility

*M<sup>o</sup> José Piñeira Mantiñán, Ramón López Rodríguez, Francisco R. Durán Villa*

### 3. Urban Planning and Urban Morphology Variables in Defining Real-estate Sub-markets

*Konstantinos Lykostratis, Maria Giannopoulou*

### 4. Housing Values Defined by Urban Morphology Characteristics

*Konstantinos Lykostratis, Maria Giannopoulou*

### 5. Integrated Evaluation Methodology for Urban Sustainable Projects

*Pierluigi Morano, Francesco Sica, Maria Rosaria Guarini, Francesco Tajani, Rossana Ranieri*

### 6. Proposal of an Environmental-Economic Accounting System for Urban Renewal Projects

*Maria Rosaria Guarini, Pierluigi Morano, Francesco Tajani, Francesco Sica*

### 7. The Extended House as Response to the Post-pandemic Housing Needs: Hints from the Real Estate Market

*Francesca Torrieri, Davide Di Ceglie, Marco Rossitti*

Leopoldo Sdino - DABC, Politecnico di Milano, TS07 Chair with Paolo Rosasco - DAD, Università degli Studi di Genova, Federica Cadamuro Morgante - DASTU, Politecnico di Milano and Marco Rossitti - DASTU, Politecnico di Milano.

#### BIOGRAPHY

*Leopoldo Sdino is PhD, Researcher of Project Appraisal and Evaluation at Politecnico di Milano. His research interests focus on the economic evaluation of projects through the integration of different assessment procedures. He has thirty years of experience as an advisor in the real estate sector.*

*Paolo Rosasco is Researcher in Estimation at the Department of Architecture and Design (dAD) of the University of Genoa. He carries out teaching and research activities on issues related to the economic evaluation of plans and projects relating to urban and territorial redevelopment.*

*Federica Cadamuro Morgante is Interdisciplinary PhD candidate in Preservation of Architectural Heritage and Applied Economics at Politecnico di Milano. Her research interests focus on the definition and integrated application of economic evaluation methodologies in support to design phase and impact evaluation of processes and policies for the enhancement of environmental and cultural heritage.*

*Marco Rossitti is Civil engineer, he is a PhD candidate in Preservation of Architectural Heritage at Politecnico di Milano. His research interests focus on the definition and application of evaluation methodologies for heritage conservation and enhancement, the analysis of real estate dynamics, and decision support systems for urban agriculture implementation.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

### TS08

## LONG-TERM EFFECTS OF THE COVID19 PANDEMIC ON URBAN LIFE, THE REAL-ESTATE MARKET AND RELATED POLICIES

Isabella M. Lami - Inter-university Department of Regional & Urban Studies and Planning, Politecnico di Torino, TS08 Chair with Stefano Moroni - Department of Architecture and Urban Studies, Polytechnic of Milan.

#### BIOGRAPHY

*Isabella M. Lami, Ph.D, is Professor of Urban Planning Evaluation and Project Appraisal. She has extensive experience in Multicriteria Decision Analysis, Problem Structuring Methods and decision-making processes in the context of urban and territorial transformations. She is involved / has collaborated / coordinated a series of European and international research projects in the field.*

*Stefano Moroni is professor of Planning at Milan Polytechnic University. He is a member of the Department of Architecture and Urban Studies. He teaches "Planning theories and practices" and "Land-use ethics and the law". He is a member of the editorial board of the international journal "Planning theory". His main research interests are planning theory, applied ethics and philosophy of law.*

Thursday 26th May 11.30 - 13.30 / 14.30 - 16.30  
UNIRC - Architecture School - Room: A5  
On-line ([Link Microsoft Teams](#))

#### **1. Tackling the COVID-19 Pandemic at the Metropolitan Level. Evidence from Europe**

*Giancarlo Cotella, Erblin Berisha*

#### **2. Regulating Urban Foodscapes during Covid-19 Pandemic. Privatization or Reorganization of Public Spaces?**

*Anita De Franco*

#### **3. How Covid-19 Pandemic has Affected the Market Value According to a Multi-parametric Methods**

*Laura Gabrielli, Aurora Greta Ruggeri, Massimiliano Scarpa*

#### **4. Adapting Anti-Adaptive Neighborhoods. What is the role of Spatial Design?**

*Elena Porqueddu*

#### **5. Types of Uncertainty: Cities from a Post-Pandemic Perspective**

*Daniele Chiffi, Francesco Curci*

#### **6. Urban Change in Cities during the COVID-19 Pandemic: An Analysis of the Nexus of Factors from Around the World**

*Hussaen Ali Hasan Kahachi, Marwah Abdulqader Ali, Wahda Shuker Al-Hinkawi*

#### **7. Local Authorities and Pandemic Responses in Perspective. Reflections from the Case of Milan**

*Carolina Pacchi*

#### **8. Credentials as Regulatory Tools in the COVID Era**

*Giuseppe Lorini, Olimpia G. Loddo*

#### **9. Healthy City for Organizing Effective and Multifaceted Actions at the Urban Level**

*Roberto De Lotto, Caterina Pietra Elisabetta Maria Venco, Nastaran Esmaeilpour Zanjani*

#### **10. Real Estate Values and Urban Quality: Definition of an Indicator**

*Sebastiano Carbonara, Lucia Della Spina, Stefano Davide*

#### **11. Institutional Fragility and Institutional Malleability in the Pandemic Period: the Case of Italy**

*Stefano Moroni*

#### **12. Choices, Indicators and Norms: a Complex Triadic Relationship in Pandemic Time**

*Stefano Moroni, Isabella M.Lami*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS09

### CULTURAL HERITAGE BETWEEN RISK AND RESILIENCE

TS

Friday 27th May 9.00 - 11.00 / 11.30 - 13.30  
UNIRC - Engineering School - Room: A2  
On-line ([Link Microsoft Teams](#))

#### 1. Sequere Pecuniam!

*Christer Bengs*

#### 2. Re-thinking the Resilience Paradigm in Cultural Heritage

*Zachary Mark Jones*

#### 3. Subsidence Monitoring in the Duomo di Milano: Half a Century of Measuring Activities

*Luigi Barazzetti, Mattia Previtali, Fabio Roncoroni*

#### 4. An Integrated Method to Assess Flood Risk and Resilience in the MAB UNESCO Collina Po (Italy)

*Carlotta Quagliolo, Vanessa Assumma, Elena Comino, Giulio Mondini, Alessandro Pezzoli*

#### 5. Innovative Tools for Green Heritage Management: the Case of the Historic Gardens of Savoy Royal Residences of Piedmont (Italy)

*Vanessa Assumma, Daniele Druetto, Gabriele Garnero, Giulio Mondini*

#### 6. Assessing the Economic Value of the Unmovable Cultural Assets for Improving their Resilience: the Case Study of the Church of Santa Maria dei Miracoli

*Giulia Datola, Vanessa Assumma, Marta Bottero*

#### 7. Mountain Hamlet Heritage between Risk and Enhancement

*Elisabetta Colucci*

#### 8. Study of the Cloisters of the Historical Center of Florence: Methodological Approach for the Definition of Restoration Intervention Priorities

*Giovanna Acampa, Carlo Francini, Mariolina Grasso*

#### 9. Post-fire Assessment of Heritage Timber Structures

*Dante Marranzini, Giacomo Iovane, Veronica Vitiello, Roberto Castelluccio, Beatrice Faggiano*

Vanessa Assumma - DIST, Politecnico di Torino, TS09 Chair with Elisabetta Colucci - DIATI, Politecnico di Torino, Giulia Datola - DIST, Politecnico di Torino and Marco Rossitti - DASTU, Politecnico di Milano.

#### BIOGRAPHY

*Vanessa Assumma is a Postdoctoral Researcher at Interuniversity Department of Regional and Urban Studies and Planning (DIST), Politecnico di Torino. Scientific interests on Strategic Assessment and Mathematical Models for the valorization and management of bio-cultural landscapes.*

*Elisabetta Colucci is a PhD student in Urban and Regional Development (34th cycle), she deals with GIS analysis, WebGIS, 3D city models, geographic standards, and spatial databases for the representation of territory, cultural heritage and cities. Her main research interest is the study and the definition of geo-ontologies.*

*Giulia Datola is a PhD student in Urban and Regional development (XXXIV cycle) at Politecnico di Torino. Her scientific interest deals with integrated evaluation model and mathematical model applied on the topic of urban resilience.*

*Marco Rossitti is a Civil engineer, he is a PhD candidate in Preservation of Architectural Heritage at Politecnico di Milano. His research interests focus on the definition and application of evaluation methodologies for heritage conservation and enhancement, the analysis of real estate dynamics, and decision support systems for urban agriculture implementation.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

TS10

### VALUATIONS SUPPORT GLOBAL ECOLOGICAL TRANSITION TOWARD GREEN WORLD AND POST CARBON CITY

Domenico Enrico Massimo - Mediterranea University of Reggio Calabria, TS10 Chair.

#### BIOGRAPHY

*Domenico Enrico Massimo.*

- Professor of Sustainability Valuation, Project Valuation, Civil Appraisal at Mediterranea University, Reggio Calabria, Italy.

- 91 Spurs Fellow at Massachusetts Institute of Technology (MIT, Cambridge, Usa).

- Vice director of Patrimony Architecture Urbanism University Department.

- Director of GEomatic VALuation University Laboratory (GeVaUL), and of Innovation and Technology Transfer University Laboratory (ITT).

- Visiting at: MIT, Northeastern University and San Diego State University (Usa), Dundee University, and Salford University (Uk), Gdansk University of Technology (Gdansk, Poland), Free University of Amsterdam (NL).

- He studied at: MIT and Harvard University (Cambridge, Usa), Boston and Northeastern University (Boston, Usa), London Architectural Association School (Uk), Mediterranea University of Reggio Calabria and Rome La Sapienza University (Italy).

- Chief of Mediterranean Cork Chain Spin Off for Green Buildings and Post Carbon City. demassimo@gmail.com.

Thursday 26th May 14.30 - 16.30 / 17.00 - 19.00  
UNIRC - Architecture School - Room: A9  
On-line ([Link Microsoft Teams](#))

#### 1. An Integrated Model for the Estimation of the Emissions of Pollutants from Traffic in the Urban Area

*Domenico Gattuso, Gian Carla Cassone, Domenica Savia Pellicanò*

#### 2. Structural Equation Modelling for Detecting Latent "Green" Attributes in Real Estate Pricing Processes

*Elena Fregonara, Alice Barreca*

#### 3. Designing Forms of Regeneration. Spatial Implication of Strategies to Face Climate Change at Neighborhood Scale

*Kevin Santus, Emilia Corradi, Monica Lavagna, Ilaria Valente*

#### 4. Investigating the Effect of form and Material of Space Structures on Energy Consumption in Hot and Dry Climates Case Study: Kerman City

*Zinat Javanmard, Consuelo Nava*

#### 5. Green Building Strategy Supported by PostgreSQL and ArcGis System

*Carlo Bernardo*

#### 6. Climate Change Adaptation of Buildings using Nature-Based Solutions: Application in Alentejo Central- LIFE myBUILDINGisGREEN

*Teresa Batista, Ricardo Barros, José Feroso Domínguez, Raquel Marijuan Cuevas, Jordi Serramia Ruiz, Salustiano Torre Casado*

#### 7. The Use of Plants for Building Purposes in the Popular Tradition

*Miriam Patti, Carmelo Maria Musarella, Valentina Lucia Astrid Laface, Ana Cano-Ortiz, Ricardo Quinto-Canas, Giovanni Spampinato*

#### 8. Urban Transformation of the Coastline from a Landscape Perspective. Analysis of Cases on the Costa del Sol (Spain)

*Alessandro Malerba, Hugo Castro Noblejas, Juan Francisco Sortino Barrionuevo, Matías Mérida Rodríguez*

#### 9. The Teaching of Environmental Sciences in Secondary Education, High School and University to Fight against Climate Change

*Ana Cano-Ortiz, Carmelo Maria Musarella, José Carlos Piñar Fuentes, Ricardo Quinto-Canas, Jehad Igbareyeh, Valentina Lucia Astrid Laface, Eusebio Cano*

#### 10. URBAN Spaces as a Phytogenetic Reserve

*Mauro Raposo, Maria da Conceição Castro, Carlos Pinto-Gomes*

# NEW METROPOLITAN PERSPECTIVES 2022

THEMATIC SESSIONS

TSII

## COMMUNITY-DRIVEN APPROACHES FOR HERITAGE CONSERVATION IN MARGINAL AREAS

TS

Thursday 26th May 14.30 - 16.30 / 17.00 - 19.00  
UNIRC - Architecture School - Room: A1  
On-line ([Link Microsoft Teams](#))

### 1. The Valuation of Unused Public Buildings in Support of Culture-led Inner Areas' Small Villages NRRP Strategies: an Application Model in Southern Italy

*Giuseppina Cassalia, Francesco Calabrò*

### 2. Communities' Involvement for the Reuse of Historical Buildings. Experiences in Italian Marginal Areas

*Caterina Valiante, Annunziata Maria Oteri*

### 3. Action Research for the Conservation of Architectural Heritage in Inner Areas: towards a Methodological Framework

*Marco Rossitti*

### 4. Community-Driven Initiatives for Heritage Acknowledgement, Preservation and Enhancement in European Marginal Areas. The Case of Roşia Montană (Romania)

*Oana Cristina Tiganea, Francesca Vigotti*

### 5. Beyond the Borders: Exploring the Transcultural Exchange in the Mediterranean Built Environment

*Beniamino Polimeni*

Francesca Torrieri - DII, Università di Napoli "Federico II", TSII Chair with Annunziata Maria Oteri - DASTU, Politecnico di Milano, Marco Rossitti - DASTU, Politecnico di Milano and Francesca Vigotti - DASTU, Politecnico di Milano.

#### BIOGRAPHY

*Francesca Torrieri is PhD, Researcher in Appraisal and evaluation at the University of Naples "Federico II" since 2006. She is the author and co-author of published works on various topics, including real estate appraisal, investments in cultural and environmental assets, regeneration projects on degraded areas, and the enhancement of disused buildings. From 2007 is an ordinary member of the SIEV, Italian Society of Appraisal and Evaluation.*

*Annunziata Maria Oteri is Professor in Architectural Restoration at the Politecnico di Milano from 2018; member of the international PhD board in Preservation of Cultural Heritage, Politecnico di Milano. She is the author of many essays and books on theory and practice in Architectural Conservation. Her more recent studies have addressed depopulation processes in small towns and the strategies for conservation and enhancement of abandoned heritage*

*Marco Rossitti is a Civil engineer, he is a PhD candidate in Preservation of Architectural Heritage at Politecnico di Milano. His research interests focus on the definition and application of evaluation methodologies for heritage conservation and enhancement, the analysis of real estate dynamics, and decision support systems for urban agriculture implementation.*

*Francesca Vigotti is Architect and PhD in Preservation of Architectural Heritage. She is currently Postdoctoral Research Fellow at the Department of Architecture and Urban Studies of Politecnico di Milano. Her research focuses on the role of widespread heritage as resource for sustainable development, particularly in fragile contexts.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

TS13

## ENERGY TRANSITION: CITIZENS' ACTIVE ROLE, PROCESSES AND IMPACTS

Marta Bottero - Interuniversity Department of Regional and Urban Studies and Planning (DIST), Politecnico di Torino, TS13 Chair with Chiara D'Alpaos - Department of Civil Environmental and Architectural Engineering (ICEA), University of Padova and Federico Dell'Anna - Interuniversity Department of Regional and Urban Studies and Planning (DIST), Politecnico di Torino.

### BIOGRAPHY

*Marta Bottero is Full professor in Project Appraisal and Planning Evaluation at the Department of Regional and Urban Studies and Planning of Politecnico di Torino. The research activities span from monetary and non-monetary evaluations with particular interest on mixed method approaches for supporting urban transformations and territorial planning.*

*Chiara D'Alpaos is Associate Professor in Real Estate Economics and Projects Valuation at the University of Padova, Department ICEA. Current research interests include Environmental and Energy Economics, Investment Decisions Under Uncertainty and Dynamic Stochastic Optimization, Regulation and Management of Public Utilities, Public Procurement and Efficient Auction Mechanisms, Public Policy Valuations, Multicriteria Decision Aiding.*

*Federico Dell'Anna is Research Fellow in Real Estate Appraisal at the Interuniversity Department of Regional and Urban Studies and Planning of the Politecnico di Torino. He is interested in the evaluation of urban redevelopment operations, with specific reference to the valuation of co-benefits obtained from energy improvement according to Net Zero Energy objectives.*

Friday 27th May 9.00 - 11.00 / 11.30 - 13.30

UNIRC - Engineering - Room: A5

On-line ([Link Microsoft Teams](#))

### **1. Improving the Efficiency of District Heating and Cooling Using a Geothermal Technology: Underground Thermal Energy Storage (UTES)**

*Jessica Maria Chicco, Dragi Antonijevic, Martin Bloemendal, Francesco Cecinato, Gregor Goetzl, Marek Hajto, Niels Hartog, Giuseppe Mandrone, Damiano Vacha, Philip J. Vardon*

### **2. A Multi-criteria Assessment of HVAC Configurations for Contemporary Heating and Cooling Needs**

*Ilaria Abbà, Giulia Crespi*

### **3. Vanadium Redox Flow Batteries: Characteristics and Economic Value**

*Cinzia Bonaldo, Nicola Poli*

### **4. The Role of Quality Management Services (QMSs) in Aligning the Construction Sector to the European Taxonomy: the Experience of the QUEST Project**

*Marta Bottero, Federico Dell'Anna*

### **5. A Multi-dimensional Decision Support System for Choosing Solar Shading Devices in Office Buildings**

*Maria Cristina Pinto, Giulia Crespi, Federico Dell'Anna, Cristina Becchio*

### **6. A Multicriteria and Multi-domain Model to Support the Comprehensive Assessment of Building Performance**

*Giulia Vergerio, Giulio Cavana, Federico Dell'Anna, Cristina Becchio, Sara Viazzo, Marta Bottero*

### **7. Evaluating Positive Energy Districts: A Literature Review**

*Tiziana Binda, Marta Bottero, Adriano Bisello*

### **8. Neighbourhood Energy Community: Norms, Actors and Policies. The Case of Pilastro-Roveri**

*Federica Rotondo, Giancarlo Cotella, Isabella M. Lami*

### **9. Dimensions of Social Acceptance in Energy Transition**

*Paolo Bragolusi, Maria Stella Righettini*

### **10. Strategies for the Valorisation of Small Towns in Inland Areas: Critical Analysis**

*Emanuela D'Andria, Pierfrancesco Fiore, Antonio Nesticò*

# NEW METROPOLITAN PERSPECTIVES 2022

THEMATIC SESSIONS

TS16

## POST-PANDEMIC SUSTAINABLE DEVELOPMENT & ADAPTIVE REUSE PRACTICES OF INDUSTRIAL HERITAGE

TS

Friday 27th May 9.00 - 11.00  
UNIRC - Engineering School - Room: A01  
On-line ([Link Microsoft Teams](#))

Asma Mehan - University of Leiden, The Netherlands, TS16 Chair with Hasan Bazazzadeh - Poznan University of Technology, Poland

### 1. Oil Heritage in Iran and Malaysia: the Future Energy Legacy in the Persian Gulf and the South China Sea

*Asma Mehan, Rowena Abdul Razak*

### 2. Digital Transformation in the Preservation of Cultural Heritage in Cities. The Example of Love Bank

*Katarína Vitálišová, Kamila Borseková, Anna Vaňová*

### 3. Circular Economy of the Built Environment in Post-Pandemic Era; a Disignerly Proposal for the Future Generation of Workspaces

*Hassan Bazazzadeh, Masoud Ghasemi, Behnam Pourahmadi*

### 4. A Healthy Approach to Post-COVID Reopening of Sugar Factory of Kahrizak, Iran

*Mohsen Ghomeshi, Mohamadreza Pourzargar, Mohammadjavad Mahdavinejad*

### 5. Approaches Proposal for Tools Coordinating in Maintenance and Reuse of Architectural Heritage. A Case Study on Urban Complexes of Modern Architectural Heritage

*Marco Zerbinatti, Sara Fasana*

### 6. Beyond Culture and Tourism: Conservation and Reuse of Architectural Heritage in a Productive Perspective

*Nino Sulfaro*

#### BIOGRAPHY

*Dr. Asma Mehan is an urban citizen fellow at the NIAS (Netherlands Institute for Advanced Studies in social Sciences and Humanities), Amsterdam. She is also holding a postdoctoral research fellowship position from the Leiden University (NL) and teaching at TU Delft in the Chair of Urban History and Theory at The Faculty of Architecture and Built Environment (BK-City).*

*Hassan Bazazzadeh is a researcher and lecturer at the Faculty of Architecture in Poznan University of Technology in Poland where he has focused on the impact of climate change on sustainability and energy-efficiency of built heritage through data-driven methods. He has been a reviewer in several journals for MDPI and T&F publishing houses.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

### TS17-37

#### WATER RESOURCES MANAGEMENT IN AGRO-FOREST AREAS: FUTURE PERSPECTIVES AND CHALLENGES

#### SPATIAL DATA INFRASTRUCTURES, URBAN MODELLING AND GEOSPATIAL ANALYSES IN ASSESSING URBAN AND RURAL LANDSCAPES: NEW PERSPECTIVES AND OPEN CHALLENGES

Demetrio Antonio Zema - Mediterranean University of Reggio Calabria, Italy, TS17 Chair with Manuel Esteban Lucas-Borja - University of Castilla-La Mancha, Albacete, Spain.

##### BIOGRAPHY

Demetrio Antonio Zema. Ph.D., associate professor. Authors of more than 200 publications (100 on peer-reviewed international journals) and one book. Fields of interest: forest hydrology, hydrological modeling, catchment protection, wastewater treatment, ecological engineering, irrigation management. Supervisor of five Ph.D. theses. Teachers in five scientific disciplines.

Manuel Esteban Lucas-Borja. Ph.D., professor. Authors of more than 300 publications (150 on peer-reviewed international journals) and three books. Fields of interest: forest hydrology, hydrological modeling, catchment protection, ecological engineering, forest regeneration, soil functionality. Supervisor of two Ph.D. theses. Teachers in four scientific disciplines.

Giuseppe Modica - Department of Agraria, Mediterranean University of Reggio Calabria, TS37 Chair with Beniamino Murgante - School of Engineering, University of Basilicata and Maurizio Pollino - ENEA, Italian National Agency for New Technologies, Energy and Sustainable Economic Development.

##### BIOGRAPHY

Giuseppe Modica is Associate professor in 'Rural buildings and Agro-forest landscape planning' at Department of Agraria (Mediterranea University of Reggio Calabria). He authored of more than 100 publications in the research field of sustainable landscape planning, land use dynamics, landscape metrics, UAV and Satellite Remote sensing applications in Agro-Forestry, in these research fields. More information at <https://orcid.org/0000-0002-0388-0256>

Beniamino Murgante is presently professor of spatial planning School of Engineering of the University of Basilicata. He took his PhD in "Sciences and methods for European cities and territory" (University of Pisa). He authored more than 100 international publications in the field of technology applied to the city and the territory. More information at <http://oldwww.unibas.it/utenti/murgante/Benny.html>

Maurizio Pollino is PhD in Agroforestry and Environmental Engineering. From 2000 Researcher at ENEA, involved in R&D activities in the field of Geomatics (Remote Sensing and GIS). Main interests in Geomatics applications to environmental studies (land planning, spatial analysis) and risk analysis (multi-risk assessment, GIS-based Decision Support Systems). Author and co-author of several scientific publications. More information can be found on the personal web page: <http://apic.casaccia.enea.it/pollino/> More information can be found on the personal web page: <http://apic.casaccia.enea.it/pollino/>

Friday 27th May 9.00 - 11.00 / 11.30 - 13.30

UNIRC - Engineering School - Room: A02

On-line ([Link Microsoft Teams](#))

#### TS17 - WATER RESOURCES MANAGEMENT IN AGRO-FOREST AREAS: FUTURE PERSPECTIVES AND CHALLENGES

##### 1. Hydrological Drivers and Effects of Wildfire in Mediterranean Rural and Forest Ecosystems: a Mini Review

Domina Delač, Bruno Gianmarco Carrà, Manuel Esteban Lucas-Borja, Antonio Demetrio Zema

##### 2. Agro-food Wastewater Management in Calabria and Sicily (Southern Italy): a General Overview and Key Case Studies

Antonio Demetrio Zema

##### 3. River Transport in Calabrian Rivers

Giandomenico Foti, Giuseppe Barbaro, Giuseppe Bombino, Giuseppina Chiara Barillà, Pierluigi Mancuso, Pierfabrizio Puntorieri

#### TS37 - SPATIAL DATA INFRASTRUCTURES, URBAN MODELLING AND GEOSPATIAL ANALYSES IN ASSESSING URBAN AND RURAL LANDSCAPES: NEW PERSPECTIVES AND OPEN CHALLENGES

##### 4. A Virtual Reality Approach for Geoparks Fruition during SARS-Cov2 Pandemic Situation: Methodological Notes and First Results

Salvatore Praticò, Marco Neves, Angelo Merlino, Raimondo Tripodi, Peppuccio Bonomo, Paulo Barreira, Giuseppe Modica

##### 5. Geographic Information and Socio-economic Indicators: a Reading of Recent Territorial Processes in the Test Area of Basilicata Region

Valentina Santarsiero, Gabriele Nolè, Francesco Scorza, Beniamino Murgante

##### 6. Methods and Tools for a Participatory Local Development Strategy

Priscilla Sofia Dastoli, Piergiuseppe Pontrandolfi

##### 7. On the Use of Big Earth Data in the Copernicus Era for the Investigation and the Preservation of the Human Past

Rosa Lasaponara, Carmen Fattore, Nicodemo Abate, Nicola Masini

##### 8. FIRE-SAT System for the Near Real Time Monitoring of Burned Areas and Fire Severity Using Sentinel-2: the Case Study of the Basilicata Region

Rosa Lasaponara, Carmen Fattore, Nicodemo Abate, Angelo Aromando, Gianfranco Cardellini, Guido Loperte, Marco di Fonzo

##### 9. The Influence of Potential Flood Hazard Areas for Urban Adaptation to Climate Change

Simone Corrado, Luigi Santopietro, Francesco Scorza, Beniamino Murgante

##### 10. Preliminary Results in the Use of WorldView-3 for the Detection of Cork Oak (Quercus Suber L.): A Case in Calabria (Italy)

Gaetano Messina, Giovanni Lumia, Salvatore Praticò, Salvatore Di Fazio, Giuseppe Modica

##### 11. Towards Quantifying Rural Environment Soil Erosion: RUSLE Model and Remote Sensing Based Approach in Basilicata (Southern Italy)

Valentina Santarsiero, Gabriele Nolè, Antonio Lanorte, Beniamino Murgante

# NEW METROPOLITAN PERSPECTIVES 2022

THEMATIC SESSIONS

## THE ECOLOGICAL TRANSITION OF THE BUILT ENVIRONMENT: CULTURE, DESIGN AND TECHNOLOGY FROM THE URBAN TO THE VILLAGE DIMENSION

TS18

TS

Thursday 26th May 9.00 - 11.00 / 11.30 - 13.30  
UNIRC - Architecture School - Room: A7  
On-line ([Link Microsoft Teams](#))

### 1. The Impact of Spatial Location of Function Inside Building to Improve Distinguishing Architectural Forms as an Urban Landmark

*Al Khafaji Ibtisam Abdulelah Mohammed, Maha Haki*

### 2. Shaping Evolving Rural Landscapes by Recovering Human-Nature Harmony under the Beautiful Countryside Construction in China

*Yapeng Ou*

### 3. Cultural Democracy, Cultural Ecosystems and Urban Development: Grassroot Initiatives at the Crossroads of Social and Cultural Goals in Bologna

*Francesca Sabatini*

### 4. Re-think Building Codes for Indoor Air Quality

*Alberto De Capua*

### 5. Design Opportunities towards the Ecological Transition of Villages, Cities, Buildings and Dwellings

*Lidia Errante*

### 6. Green Transition Towards Sustainability. Design, Architecture, Production

*Alberto De Capua, Lidia Errante*

### 7. Take Care. The Body of Architecture, the City and the Landscape

*Francesca Schepis*

### 8. Service Innovation: a Literature Review of Conceptual Perspectives

*Giulia Freni*

### 9. Garden Cities 2.0 and Revitalization of Depopulated Rural Communities. A Net Positive Resource Production Approach

*Ruggero Todesco*

Alberto De Capua - Mediterranea University of Reggio Calabria, Department of Architecture and Territory, TS18 Chair with Lidia Errante - Mediterranea University of Reggio Calabria, Department of Architecture and Territory.

#### BIOGRAPHY

*Alberto De Capua is Associate Professor and PhD in Technology of Architecture. He has been Scientific Responsible for the Innovation Pole for Sustainable Building Green Home for the Mediterranea University. Since 2016 he is Chief Technical Officer and promoter of the academic spin-off M.A.D.E. Concept. Since 2019 he coordinates the applied research unit 'Methods and Techniques for Living'.*

*Lidia Errante. PhD in Architecture and Territory, Post-Doctoral Researcher in Sustainable Buildings (2019–2021). Her research activities, mentioned in several scientific papers and books, focusing on the quality of life at urban and domestic scales. She is teaching assistant in Architecture Technology and Design and a member of the research unit META++*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

### TS19

## THE ROLE OF GREEN INFRASTRUCTURES IN A POST-COVID 19 ERA. HOW TO ASSESS CONFLICTING IMPACTS AND BENEFITS OF ECOSYSTEM SERVICES

Marta Bottero - DIST, Politecnico di Torino, TS19 Chair with Caterina Caprioli - DIST, Politecnico di Torino, Marta Dell'Ovo - DASTU, Politecnico di Milano and Alessandra Oppio - DASTU, Politecnico di Milano.

### BIOGRAPHY

*Marta Bottero is Full professor in Project Appraisal and Planning Evaluation at the Department of Regional and Urban Studies and Planning of Politecnico di Torino. The research activities span from monetary and non-monetary evaluations with particular interest on mixed method approaches for supporting urban transformations and territorial planning.*

*Caterina Caprioli is PhD student in Urban and Regional Development at DIST at Politecnico di Torino (Italy). The research activities focus on the adoption of integrated evaluation approaches for supporting policies definition and transformation operations in urban contexts, by using spatial multicriteria analysis and agent-based modeling.*

*Marta Dell'Ovo is Junior Researcher at the Department of Architecture and Urban Studies at Politecnico di Milano. She held her PhD in 2018 and her research activities concern the evaluation of plans, projects and resources under the economic, environmental and social dimensions guided by multidisciplinary approaches.*

*Alessandra Oppio is Professor of Project Appraisal and Evaluation at Politecnico di Milano from 2018. PhD in "Planning, maintenance and development of building and urban systems". Author of numerous articles published in national and international journals on sustainability evaluation; economic evaluation of the environmental and cultural resources; complex decision-making processes and integrated assessments; urban transformation processes and real estate market.*

Thursday 26th May 14.30 - 16.30 / 17.00 - 19.00  
UNIRC - Architecture School - Room: A7  
On-line ([Link Microsoft Teams](#))

### 1. Outdoor Green Walls: Multi-perspective Methodology for Assessing Urban Sites Based on Socio-environmental Aspects

*Nicole Agnolio, Matilde Molari, Laura Dominici, Elena Comino*

### 2. Systemic Decision Support Tool for Online Application to Aid NBS Co-Creation

*Fábio Matos, Rita Mendonça, Peter Roebeling, Piersaverio Spinnato, Giovanni Aiello, Rúben Mendes, Maria Isabel Bastos, Max López-Maciel, Antonino Sirchia*

### 3. An Evaluation Approach to Support Urban Agriculture Implementation in Post-Covid19 Cities: the Case of Troisi Park in Naples

*Marco Rossitti, Chiara Amitrano, Chiara Cirillo, Francesca Torrieri*

### 4. Green Roof Benefits and Technology Assessment. A Literature Review

*Astrid Carolina Aguilar Fajardo, Gabriela Bacchi, Jorge Alexis Cusicanqui Lopez, Giovanni Gilardi, Damodar Maggetti, Luca Tommasi*

### 5. A Proposal to Assess the Benefits of Urban Ecosystem Services

*Alessandra Oppio, Marta Dell'Ovo, Caterina Caprioli, Marta Bottero*

### 6. Intra-scale Design and Benefit Assessment of Green Stormwater Infrastructures

*Roberto Bosco, Savino Giacobbe, Salvatore Losco, Renata Valente*

### 7. Urban Green Space to Promote Urban Public Health: Green Areas' Design Features and Accessibility Assessment in Milano City, Italy

*Maddalena Buffoli, Francesco Villella, Nasko Stefanov Voynov, Andrea Rebecchi*

### 8. Social Environmental Profitability Index (SEPI) and BIM to Support Decision-making Processes in Public Green Infrastructure Investments

*Marcellina Bertolinelli, Lidia Pinti, Serena Bonelli*

### 9. Assessing Tangible and Intangible Values of Cultural Ecosystem Services for Sustainable Regeneration Strategies

*Maria Cerreta, Eugenio Muccio, Giuliano Poli*

### 10. The Use of the Adoption Prediction Outcome Tool to Help Communities Improve the Transition towards the Implementation of Nature-based Solutions

*Max López-Maciel, Peter Roebeling, Rick Llewellyn, Elisabete Figueiredo, Rita Mendonça, Rúben Mendes, Fábio Matos, Maria Isabel Bastos*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS21

### HEALTH-LED URBAN REGENERATION AND PLANNING? BETWEEN CONTINUITY AND INNOVATION IN THE DESIGN OF THE CITY

TS

Wednesday 25th May 14.30 - 16.30 / 17.00 - 19.00  
UNIRC - Architecture School - Room: A1  
On-line ([Link Microsoft Teams](#))

#### 1. "As found". The Reuse of Existing Buildings with an Identity Character as a Fundamental Element of Regeneration in the New Community Centers' Design. A Brutalist Building as a Case Study

*Francesca Ripamonti*

#### 2. Consideration of the Potential Strategic Role of the New Community Center. Some International Case Studies: Themes and Design Practices

*Stefania Varvaro*

#### 3. An experimental approach for the city of health

*Antonio Taccone*

#### 4. Investigating the Health-planning Nexus in Italy: a Survey on Local and Metropolitan Plans

*Luca Lazzarini*

#### 5. Toward the Development of a Planning Protocol for Public Space for Improving Health and Wellbeing of Communities

*Concetta Fallanca, Elvira Stagno*

#### 6. The Eco-neighbourhoods: Cases to Learn in the Transition toward Urban Sustainability

*Maria Fiorella Felloni*

#### 7. Cultural Heritage Enhancement for Health Promotion and Environment Salubrity

*Rossana Gabaglio*

#### 8. Beyond the Official City Planning. Tirana Next Pilot for Healthier and Safer Urban Open Spaces in the Post-2020

*Fabio Naselli, Klaudia Tufina*

#### 9. Cyclical Covid Evolution and Transition towards a Symbiosis between Metropolitan Model and Widespread Settlement Model

*Maria Angela Bedini, Fabio Bronzini*

#### 10. The Community Health Centers: a Territorial Service in the Post-pandemic City

*Marco Mareggi, Michele Ugolini*

#### 11. Healthy Cities with Healthy Streets, towards a New Normal of Urban Health and Well-being

*Antonio Taccone, Antonino Sinicropi*

#### 12. Ecological Networks in the Spatial Planning of Campania Region towards Green Infrastructures

*Salvatore Losco, Claudia de Biase*

#### 13. Cultural Heritage as a Right to Well-being and an Engine of Urban Regeneration

*Chiara Corazziere*

#### 14. Cities and Territories Theatres of the Recovery of the Country System

*Concetta Fallanca*

Concetta Fallanca - Mediterranean University of Reggio Calabria, PAU Department, TS21 Chair with Marco Mareggi - Politecnico di Milano, Department of Architecture and Urban Studies, Antonio Taccone - Mediterranean University of Reggio Calabria, PAU Department and Michele Ugolini - Politecnico di Milano, Department of Architecture and Urban Studies.

#### BIOGRAPHY

*Concetta Fallanca is Full Professor of Urban Planning, Mediterranean University of Reggio Calabria (January 2005), she belongs to the Department of Heritage-Architecture-Urbanism (PAU). Architect, PhD in Urban planning and environmental design, she carries out research in urban, territorial and environmental design and planning. Coordinator of researches and author of scientific publications.*

*Marco Mareggi is Senior Lecturer in Urbanism at the Department of Architecture and Urban Studies (DASU), Politecnico di Milano (Italy). His research interests include territorial analysis and urban planning especially in fragile territories, design of open spaces, design and management of urban time policies, analysis and co-design of governance and public policies.*

*Antonio Taccone is University researcher for the scientific sector-ICAR/21 Urban planning, PAU Department of the Mediterranean University of Reggio Calabria. Architect, he is doctor of research (PhD) in „Territorial planning“ (2000). He is the technical director of the Research Laboratory LASTRE. He has obtained the Italian National Scientific Habilitation (ASN) as Associate Professor in Urban Planning (Icar/21).*

*Michele Ugolini is PhD, Associate Professor in Interior Architecture, at the Department of Architecture and Urban Studies (DASU), Politecnico di Milano (Italy). His research, held with public institutions in national and international contexts, revolve mainly around the enhancement project of the built environment and interior spaces, and urban open spaces and landscape design in the relationship between small and large scale/size.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

TS22

### THE TERRITORIAL RESILIENCE IN TIMES OF COVID-19 CRISIS

Roberta Troisi - University of Salerno, TS22  
Chair with Paolo Castaldo - Politecnico di Torino.

#### BIOGRAPHY

*Roberta Troisi is Associate Professor of Organization Theory at the Department of Political and Communication Science, University of Salerno, Italy. She is the Director of the Centre of "Local Development", University of Salerno. Her research mainly focuses on organizational misbehaviours contingent upon the local systems where firms are located.*

*Paolo Castaldo is Assistant Professor at the Department of Structural, Geotechnical and Building Engineering, Politecnico di Torino. He is member of different scientific Bodies, author of books, book chapters and scientific articles published in International and National Journals and Conferences. He is member of editorial boards of some scientific journals.*

Friday 27th May 9.00 - 11.00 / 11.30 - 13.30  
UNIRC - Engineering School - Room: A4  
On-line ([Link Microsoft Teams](#))

#### **1. Co-evolutionary, Transformative, and Economic Resilience during the COVID-19 Pandemic Crisis. Evidence-based Experiences of Urban Community Design in Turin (Italy)**

*Cristina Coscia, Angioletta Voghera*

#### **2. Institutional Logics and Digital Innovations in Healthcare Organizations in Response to Crisis**

*Stefania De Simone, Massimo Franco*

#### **3. Sustainable Strategic Mobility Plans towards the Resilient Metropolis**

*Bruno Monardo, Chiara Ravagnan*

#### **4. A GIS Application for the Hospitalization of COVID-19 Patients**

*Michele Mangiameli, Giuseppe Mussumeci*

#### **5. Influence of Near Fault Records on the Optimal Performance of Isolated Continuous Bridges**

*Elena Miceli*

#### **6. Safety Management of Infrastructures through an Organizational Approach: Preliminary Results**

*Roberta Troisi, Paolo Castaldo, Anna Giovanniello*

#### **7. Evaluation of Seismic Reliability for Isolated Multi-span Continuous Deck Bridges**

*Guglielmo Amendola*

#### **8. The Effect of Local Emergency Policies on the Performance of the Italian Regional Health Care System**

*Gaetano Alfano*

#### **9. Fundamental Rights Implications of Covid-19. Religious Freedom and Resilience during the Pandemic**

*Angela Iacovino, Milena Durante*

#### **10. Multi-Stakeholder Governance in Social Enterprises: Self-Organization, Worker Involvement and Client Orientation**

*Ermanno C. Tortia*

#### **11. Topsis Techniques to Select Green Projects for Cities**

*Antonio Nesticò, Piera Somma, Massimiliano Bencardino, Vincenzo Naddeo*

# NEW METROPOLITAN PERSPECTIVES 2022

THEMATIC SESSIONS

TS23-27

## FROM VULNERABILITY TO VIBRANCY: EXPLORING AND EVALUATING NEW SCENARIOS FOR FRAGILE AREAS THE CULTURAL AND CREATIVE INDUSTRIES – A PATHWAY TOWARDS ECONOMIC RECOVERY IN RURAL REGIONS?

TS

Thursday 26th May 17.00 - 19.00  
UNIRC - Architecture School - Room: A2  
On-line ([Link Microsoft Teams](#))

### TS23 - FROM VULNERABILITY TO VIBRANCY: EXPLORING AND EVALUATING NEW SCENARIOS FOR FRAGILE AREAS

#### 1. (Un)earth Vulnerable Chile

*Carlotta Olivari, Margherita Pasquali*

#### 2. Exploring the Resilience of Inner Areas: a Cross-dimensional Approach to Bring out Territorial Potentials

*Diana Rolando, Manuela Rebaudengo, Alice Barreca*

#### 3. Fostering Resilience in Inner Areas. The Sicani Case Study in Sicily

*Barbara Lino, Annalisa Contato*

#### 4. „Fit to 55”: Financial Impacts of Italian Incentive Measures for the Efficiency of the Building Stock and the Revitalization of Fragile Areas

*Manuela Rebaudengo, Umberto Mecca, Alessia Gotta*

#### 5. Human/Urban-Scapes and the City Prospects. An Axiological Approach

*Cheren Cappello, Salvatore Giuffrida, Ludovica Nasca, Francesca Salvo,  
Maria Rosa Trovato*

### TS27 - THE CULTURAL AND CREATIVE INDUSTRIES – A PATHWAY TOWARDS ECONOMIC RECOVERY IN RURAL REGIONS?

#### 6. Development Processes in European Marginal Areas: An Investigation in The UNESCO Gastronomic Creative City of Ostersund in Sweden

*A Julia Grisafi*

#### 7. Lifestyle Migration and Rural Development: The Experience of Kaxås in the Periphery of Sweden

*Matilda Meijerborg, Fanny Sandström, Daniel Laven*

#### 8. Craft Breweries and the Corona Crisis – Exploring the Scandinavian Context

*Wilhelm Skoglund, Øystein Rennemo*

#### 9. Gastronomy and Tourism in Remote European Areas: Towards a Food and Wine Atlas of the Metropolitan City of Reggio Calabria

*Claudio Marciànò, Giovanni Salerno, Monica Palladino, Carlo Cafiero,  
Giuseppa Romeo*

Alice Barreca - Politecnico di Torino,  
Dipartimento di Architettura e Design, TS23  
Chair with Manuela Rebaudengo - Politecnico  
di Torino, Dipartimento Interateneo di Scienze  
Progetto e Politiche del Territorio and Diana  
Rolando - Politecnico di Torino, Dipartimento  
di Architettura e Design.

#### BIOGRAPHY

Alice Barreca is PhD in „Architectural and  
Landscape Heritage” at Politecnico di Torino.  
Since 2020 she is a member of the research  
group „Branding for resilience” (PRIN2017) and  
collaborates (since 2014) in the Turin Real Estate  
Observatory. She deals with  
spatial statistics, real estate market analysis and  
spatial information systems.

Manuela Rebaudengo is PhD in Project  
Appraisal at Politecnico di Torino and Assistant  
Professor since 2011. Member of Polito-R3C,  
Responsible Risk Resilience Centre and scientific  
referent of “Maintenance” cluster, she is currently  
member o of the research group „Branding  
for resilience” (PRIN2017). She deals with public  
works, public-private partnerships, economic and  
financial sustainability of projects.

Diana Rolando is an Architect with a II level  
Master in Real Estate, PhD in “Environment and  
Territory – Appraisal and economic evaluation”  
at Politecnico di Torino, member of the Turin  
Real Estate Market Observatory research  
group. Researcher and lecturer at the Politecnico  
di Torino, since 2020 she has been local  
coordinator of PRIN2017-B4R research unit.

Daniel Laven - Mid Sweden University, TS27  
Chair with Claudio Marciànò - Mediterranean  
University of Reggio Calabria and Wilhelm  
Skoglund - Mid Sweden University.

#### BIOGRAPHY

Daniel Laven is an Associate Professor in  
Human Geography and is currently employed  
as a Department Head at the Mid Sweden  
University. His research integrates topics such  
as Cultural and Creative Industries, Cultural  
Heritage, Peace building and Tourism.

Claudio Marciànò is an Associate Professor of  
Agricultural Economics in the Mediterranean  
University of Reggio Calabria, Italy. He conducts  
mainly action research focused on local  
governance and integrated development, using  
mixed methodologies and decision support  
systems.

Wilhelm Skoglund is senior lecturer within  
Business Administration at the Mid Sweden  
University. His research is focused on  
entrepreneurship and local community  
development, with a particular interest on the  
cultural and creative industries, small scale  
artisan food production, and the craft beer sector.

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

TS26

### DECISION SUPPORT METHODS FOR RESILIENT LAND USE, SAVING SOIL AND SUSTAINABLE URBAN REGENERATION OF PROPERTIES IN DISUSE

Pierluigi Morano - Department of Civil, Environmental, Land, Building Engineering and Chemistry, Polytechnic University of Bari, Italy, TS26 Chair with Francesco Tajani - Department of Architecture and Design, „Sapienza” University of Rome, Italy and Marco Locurcio - Department of Civil, Environmental, Land, Building Engineering and Chemistry, Polytechnic University of Bari, Italy.

#### BIOGRAPHY

*Pierluigi Morano is currently Full Professor in Real Estate Appraisal. He is author and coauthor of published works on various topics, including the study of innovative algorithms as support to real estate appraisal and the econometric analysis of the dynamics of real estate prices.*

*Francesco Tajani is currently an Assistant Professor in Real Estate Appraisal. He is author and coauthor of more than one hundred and twenty published works on various topics, including the study of innovative algorithms as support to real estate appraisal and the econometric analysis of the dynamics of real estate prices.*

*Marco Locurcio is currently an Assistant Professor in Real Estate Appraisal. He is author and coauthor of journal papers and conference papers on various topics, including the themes of evaluation of investments on cultural and environmental assets, the analysis of the real estate market and the public-private negotiation.*

Thursday 26th May 14.30 - 16.30  
UNIRC - Architecture School - Room: A3  
On-line ([Link Microsoft Teams](#))

#### **1. Urban Regeneration and Real Estate Dynamics: a Non-linear Model of the Break-even Analysis for the Assessment of the Investments**

*Francesco Tajani, Pierluigi Morano, Felicia Di Liddo, Rossana Ranieri, Debora Anelli*

#### **2. An Automatic Tool for the Definition of a Sustainable Construction Investment Index**

*Francesco Tajani, Lucy Hayes-Stevenson, Rossana Ranieri, Felicia Di Liddo, Marco Locurcio*

#### **3. Urban Regeneration Strategies According to Circular Economy: a Multi-criteria Decision Aiding Approach**

*Lucia Della Spina*

#### **4. Resilience of Complex Urban Systems: a Multicriteria Methodology for the Construction of an Assessment Index**

*Debora Anelli, Rossana Ranieri*

#### **5. Evaluating the Impact of Urban Renewal on the Residential Real Estate Market: Artificial Neural Networks Versus Multiple Regression Analysis**

*Gabriella Maselli*

#### **6. A Bio Ecological Prototype Green Building toward Solution of Energy Crisis**

*Massimo Enrico Domenico, Vincenzo Del Giudice, Mariangela Musolino, Pierfrancesco De Paola, Francesco Paolo Del Giudice*

#### **7. Green Building to Overcome Climate Change: the Support of Energy Simulation Programs in Gis Environment**

*Massimo Enrico Domenico, Vincenzo Del Giudice, Mariangela Musolino, Pierfrancesco De Paola, Francesco Paolo Del Giudice*

# NEW METROPOLITAN PERSPECTIVES 2022

THEMATIC SESSIONS

TS27-23

## THE CULTURAL AND CREATIVE INDUSTRIES – A PATHWAY TOWARDS ECONOMIC RECOVERY IN RURAL REGIONS? FROM VULNERABILITY TO VIBRANCY: EXPLORING AND EVALUATING NEW SCENARIOS FOR FRAGILE AREAS

TS

Thursday 26th May 17.00 - 19.00  
UNIRC - Architecture School - Room: A2  
On-line ([Link Microsoft Teams](#))

### TS23 - FROM VULNERABILITY TO VIBRANCY: EXPLORING AND EVALUATING NEW SCENARIOS FOR FRAGILE AREAS

#### 1. (Un)earth Vulnerable Chile

*Carlotta Olivari, Margherita Pasquali*

#### 2. Exploring the Resilience of Inner Areas: a Cross-dimensional Approach to Bring out Territorial Potentials

*Diana Rolando, Manuela Rebaudengo, Alice Barreca*

#### 3. Fostering Resilience in Inner Areas. The Sicani Case Study in Sicily

*Barbara Lino, Annalisa Contato*

#### 4. „Fit to 55“: Financial Impacts of Italian Incentive Measures for the Efficiency of the Building Stock and the Revitalization of Fragile Areas

*Manuela Rebaudengo, Umberto Mecca, Alessia Gotta*

#### 5. Human/Urban-Scapes and the City Prospects. An Axiological Approach

*Cheren Cappello, Salvatore Giuffrida, Ludovica Nasca, Francesca Salvo, Maria Rosa Trovato*

### TS27 - THE CULTURAL AND CREATIVE INDUSTRIES – A PATHWAY TOWARDS ECONOMIC RECOVERY IN RURAL REGIONS?

#### 6. Development Processes in European Marginal Areas: An Investigation in The UNESCO Gastronomic Creative City of Ostersund in Sweden

*A Julia Grisafi*

#### 7. Lifestyle Migration and Rural Development: The Experience of Kaxås in the Periphery of Sweden

*Matilda Meijerborg, Fanny Sandström, Daniel Laven*

#### 8. Craft Breweries and the Corona Crisis – Exploring the Scandinavian Context

*Wilhelm Skoglund, Øystein Rennemo*

#### 9. Gastronomy and Tourism in Remote European Areas: Towards a Food and Wine Atlas of the Metropolitan City of Reggio Calabria

*Claudio Marcianò, Giovanni Salerno, Monica Palladino, Carlo Cafiero, Giuseppa Romeo*

Alice Barreca - Politecnico di Torino, Dipartimento di Architettura e Design, TS23 Chair with Manuela Rebaudengo - Politecnico di Torino, Dipartimento Interateneo di Scienze Progetto e Politiche del Territorio and Diana Rolando - Politecnico di Torino, Dipartimento di Architettura e Design.

#### BIOGRAPHY

Alice Barreca is PhD in „Architectural and Landscape Heritage“ at Politecnico di Torino. Since 2020 she is a member of the research group „Branding for resilience“ (PRIN2017) and collaborates (since 2014) in the Turin Real Estate Observatory. She deals with spatial statistics, real estate market analysis and spatial information systems.

Manuela Rebaudengo is PhD in Project Appraisal at Politecnico di Torino and Assistant Professor since 2011. Member of Polito-R3C, Responsible Risk Resilience Centre and scientific referent of “Maintenance” cluster, she is currently member o of the research group „Branding for resilience“ (PRIN2017). She deals with public works, public-private partnerships, economic and financial sustainability of projects.

Diana Rolando is an Architect with a II level Master in Real Estate, PhD in “Environment and Territory – Appraisal and economic evaluation” at Politecnico di Torino, member of the Turin Real Estate Market Observatory research group. Researcher and lecturer at the Politecnico di Torino, since 2020 she has been local coordinator of PRIN2017-B4R research unit.

Daniel Laven - Mid Sweden University, TS27 Chair with Claudio Marcianò - Mediterranean University of Reggio Calabria and Wilhelm Skoglund - Mid Sweden University.

#### BIOGRAPHY

Daniel Laven is an Associate Professor in Human Geography and is currently employed as a Department Head at the Mid Sweden University. His research integrates topics such as Cultural and Creative Industries, Cultural Heritage, Peace building and Tourism.

Claudio Marcianò is an Associate Professor of Agricultural Economics in the Mediterranean University of Reggio Calabria, Italy. He conducts mainly action research focused on local governance and integrated development, using mixed methodologies and decision support systems.

Wilhelm Skoglund is senior lecturer within Business Administration at the Mid Sweden University. His research is focused on entrepreneurship and local community development, with a particular interest on the cultural and creative industries, small scale artisan food production, and the craft beer sector.

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

TS29

### COMMUNITIES IN TRANSITION: PARTICIPATORY CULTURAL HERITAGE MANAGEMENT TOOLS IN THE POST-COVID ERA

Yakup Egercioglu - İzmir Institute of Technology, İzmir, Turkey, TS29 Chair with Giuseppina Cassalia - LaborEst - Mediterranean University of Reggio Calabria.

#### BIOGRAPHY

Dr. Egercioglu is an city planner. He holds a Ph.D. [2008] in City Planning from İzmir Institute of Technology and MSc [2002] in Urban Design from İzmir Institute of Technology, İzmir, Turkey. Dr. Egercioglu worked as a academician in İzmir Institute of Technology between the academic years 2000-2018 and assisted some of the BSc and MSc lessons of the departments of city planning. His research areas are Urban Regeneration, restoration, urban conservation and cultural heritage.

Giuseppina Cassalia is PhD in Conservation of the Architectural and Environmental Heritage, with the focus on Project and Program Appraisal. Member of the LaborEst research lab, her research activities and international publications focus on cultural heritage management, community perception of landscape, its cultural value and identity, local development strategies for inner areas.

Thursday 26th May 14.30 - 16.30 / 17.00 - 19.00  
UNIRC - Architecture School - Room: A1  
On-line ([Link Microsoft Teams](#))

#### 1. Cultural Heritage Digitalisation Policy as a Co-creation of Public Value. Evaluation of the Participatory Digital Public Service of Uffici Galleries in Italy during the COVID-19

Maria Stella Righettini, Monica Ibba

#### 2. The Necessary Digital Update of the Camino de Santiago

Rubén Camilo Lois González, Xosé Somoza Medina

#### 3. A Project of Enhancement and Integrated Management: The Cultural Heritage Agency of Locride

Francesco Calabrò, Giuseppina Cassalia, Immacolata Lorè

#### 4. New Technologies for Accessibility and Enhancement of Cultural Heritage Sites. The Archaeological Areas of Locride

Francesco Calabrò, Giuseppina Cassalia, Paolo Fragomeni, Immacolata Lorè

#### 5. Accessible Culture: Guidelines to a Cultural Accessibility Strategic Plan (C.A.S.P.) for MArRC Museum

Giuseppina Cassalia, Claudia Ventura, Francesco Bagnato, Francesco Calabrò, Carmelo Malacrino

#### 6. Economic Feasibility of an Integrated Program for the Enhancement of the Byzantine Heritage in the Aspromonte National Park. The Case of Staiti

Giovanna Spatari, Immacolata Lorè, Angela Vigliani, Francesco Calabrò

# NEW METROPOLITAN PERSPECTIVES 2022

THEMATIC SESSIONS

TS30

## INNOVATIVE STRATEGIES AND SOLUTIONS TO REGENERATE CITIES: ASSESSMENT ISSUES

TS

Wednesday 25th May 17.00 - 19.00  
UNIRC - Architecture School - Room: A5  
On-line ([Link Microsoft Teams](#))

### 1. Attractiveness and Problems in a Rural Village Restoration: the Umbrian Case of Postignano

*Marco Pizzi, Paola de Salvo, Cristina Burini*

### 2. Fostering the Renovation of the Existing Building Stock. Operational Models and Evaluation Tools

*Fabrizio Battisti, Orazio Campo*

### 3. Towards a More Sustainable Use of Land. A Comparative Overview of the Italian Regional Legislation

*Donato Casavola, Giancarlo Cotella*

### 4. Minimum Environmental Criteria, Estimation of Costs and Regional Prices: Preliminary Considerations

*Laura Calcagnini, Fabrizio Finucci, Mariolina Grasso*

### 5. An Integrated Model to Assess the Impact on World Heritage Sites. The Case Study of the Strategic Plan for the Buffer Zone of the UNESCO Site "Pompeii, Herculaneum and Oplontis"

*Alessio D'Auria, Irina Di Ruocco*

### 6. Preliminary Approach for the Cost-benefit Analysis in the Building Envelope: Study and Comparison of Actions

*Giovanna Acampa, Fabrizio Finucci, Mariolina Grasso, Antonio Magarò*

### 7. Implementation Tools for Projects Cost Benefit Analysis (CBA)

*Giovanna Acampa, Mariolina Grasso*

Giovanna Acampa - University Kore of Enna – Department of Architecture (DIDA), University of Florence, TS30 Chair with Fabrizio Battisti - Department of Architecture (DIDA), University of Florence.

#### BIOGRAPHY

*Giovanna Acampa, Associate Professor at the Faculty of Engineering and Architecture of the University of Enna Kore and at the Department of Architecture DIDA of the University of Florence Scientific disciplinary sector ICAR22. She carries out research on the topics of valuation, environmental sustainability and cost optimisation in building's management.*

*Fabrizio Battisti (Ph.D.), Senior Researcher at Department of Architecture of University of Florence Scientific disciplinary sector ICAR22. He carries out research on various issues relating to Estimation and Evaluation, in particular in support of settlement transformation processes, urban regeneration and strategic planning of territorial infrastructures.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

TS32

### URBAN PLANNING FOR SUSTAINABLE DEVELOPMENT OF CITIES IN THE GEOSPATIAL (BIG) DATA ERA

Monica Sebillio - Department of Computer Science University of Salerno, TS32 Chair with Michele Grimaldi - Department of Civil Engineering - University of Salerno.

#### BIOGRAPHY

Monica Sebillio is currently an Associate Professor at the Department of Computer Science, University of Salerno. Her research interests include geographic databases and information systems, Human-GIS interaction and geographic information engineering.

Michele Grimaldi is currently an Assistant Professor at the Department of Civil Engineering, University of Salerno. Her research interests include urban planning and geographic information engineering.

Thursday 26th May 14.30 - 16.30  
On-line ([Link Microsoft Teams](#))

#### 1. Urban Happiness Planning through Interactive Chorem

Marco Romano

#### 2. A Preliminary Model for Promoting Energy Communities in Urban Planning

Roberto Gerundo, Alessandra Marra, Michele Grimaldi

#### 3. Monitoring Urban Planning Actions for Reducing Crime Risk Vulnerability

Francesca Coppola, Isidoro Fasolino, Michele Grimaldi

#### 4. Rural and Creativity HUB for the Vulture Regional Park: Making Community, Starting with the Construction of a Participatory LAB

Emanuela Coppola, Giusy Sica

#### 5. Economic Growth and Land Use Restraint

Maria Macchiaroli, Gianluigi De Mare, Luigi Dolores, Marianna Del Vecchio

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

### TERRITORIAL DYNAMICS AND ECONOMIC VALUES IN A SUSTAINABLE PERSPECTIVE

TS34

TS

Friday 27th May - 9.00 - 11.00 / 11.30 - 13.30  
UNIRC - Engineering School - Room: A3  
On-line ([Link Microsoft Teams](#))

#### 1. Human Smart Landscape: An Integrated Multi-phase Evaluation Framework to Assess the Values of a Resilient Landscape

*Lucia Della Spina, Claudia Giorno*

#### 2. Hydrogeological Damage: an Overview on Appraisal Issues

*Antonio Nesticò, Gabriella Maselli, Federica Russo*

#### 3. Urban Sustainability: Reporting Systems and Dataset in the European Union

*Giorgia Iovino*

#### 4. Territorial dynamics emerged during the Festival "Terra2050 Credenziali per il Nostro Futuro"

*Maria Laura Pappalardo*

#### 5. The Role of the Institutional Dimension in Defining Sustainable Development Policies in Italy

*Massimiliano Bencardino, Antonio Nesticò, Vincenzo Esposito, Luigi Valanzano*

#### 6. The Role of the Coordination Models in Urban Resilience Against Covid-19

*Roberta Troisi, Gaetano Alfano, Gregory Blanco Rocio*

#### 7. The Financial Sustainability a Cultural Heritage Adaptive Reuse Project in Public-Private Partnership

*Lucia Della Spina, Sebastiano Carbonara, Stefano Davide*

#### 8. Migrants, Retail Properties and Historic Centre. Urban and Economic Resilience in Palermo (Italy)

*Grazia Napoli, Simona Barbaro*

#### 9. Dam-break Induced Urban Flood Propagation Modelling with DualSPHysics: a Validation Case Study

*Salvatore Capasso, Bonaventura Tagliafierro, Giacomo Viccione*

#### 10. Transport Infrastructures and Economic Development of the Territory

*Antonio Nesticò, Federica Russo*

#### 11. Spatial Patterns of Blue Economy Firms in the South of Italy

*Massimiliano Bencardino, Vincenzo Esposito, Luigi Valanzano*

Massimiliano Bencardino - Department of Political Science and Communication, University of Salerno, TS34 Chair with Antonio Nesticò - Department of Civil Engineering, University of Salerno and Gabriella Maselli - Department of Civil Engineering, University of Salerno.

#### BIOGRAPHY

*Massimiliano Bencardino, PhD, is an Associate professor in Economic-political Geography. He is the Head of the Didactic board of Political Science, scientific director of the Territorial Development Observatory (OST) and member of Executive Committee of the interdepartmental Center "Research, Innovation and Sustainable Strategic Planning of the competitive advantages of Tourism (RIPST)", at the University of Salerno.*

*Antonio Nesticò, PhD, is Associate Professor of Appraisal and Head of the Economic Evaluation Division of the Project Evaluation Laboratory at the University of Salerno. Member of the Academic Platform of the Parliamentary Assembly of the Mediterranean, member of the Italian Society of Appraisal and Evaluation (SIEV), honorary member of the Centro Studi di Economia e Diritto (Ce.S.E.D., Milan), he participates in research group activities with national and international collaborations.*

*Gabriella Maselli, PhD, is a Research Fellow in Appraisal and economic Evaluation of the Projects. Visiting PhD at School of Economics of Shanghai University, she has participated as speaker in numerous workshops, conferences, and seminars. She is author of international publications on environmental and economic discounting, multi-criteria decision-making methods, cashflow analysis, investment risk assessment.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

TS35

### SMART CITIES APPLICATIONS: INTEGRATED TECHNIQUES AND INNOVATIVE METHODOLOGIES FOR MONITORING

Antonino Fotia - Mediterranea University of Reggio Calabria, TS35 Chair with Vincenzo Barrile - Mediterranea University of Reggio Calabria and Ernesto Bernardo - Mediterranea University of Reggio Calabria.

#### BIOGRAPHY

*Antonino Fotia, PhD. The main research interests are related to surveying and monitoring with integrated Geomatic techniques; applications of Photogrammetry, Laser-Scanning and Geographical Information Systems to the Cultural Heritage; 3D modeling of archaeological sites; innovative geomatic techniques for monitoring; digital terrain models and mapping urban landscapes.*

*Vincenzo Barrile, is a professor of Geomatics at Mediterranea University of Reggio Calabria. The main research interests are related to surveying and monitoring with integrated Geomatic techniques, 3D modeling, Photogrammetry, GNSS, Remote Sensing, cartography, GIS. He is the Scientific Responsible of the Geomatics Lab. He is author of more than 300 scientific papers.*

*Ernesto Bernardo, is a PhD Student. The main research interests are related to surveying and monitoring with integrated Geomatic techniques, 3D modeling, Photogrammetry, innovative geomatic techniques for monitoring.*

Friday 27th May 9.00 - 11.00 / 11.30 - 13.30  
UNIRC - Engineering School - Room: A1  
On-line ([Link Microsoft Teams](#))

#### 1. Traffic Monitoring Using Intelligent Video Sensors to Support the Urban Mobility Planning

*Domenico Gattuso, Domenica Savia Pellicanò*

#### 2. Cultural Heritage Recovery Interventions Through Steel Endoskeletons: a Case Study

*Antonino Fotia, Francesco Caccamo, Rocco Buda*

#### 3. Sant'Aniceto Castle from the Survey to the Enhancement

*Francesco Amodeo, Davide Rocco Castagnoli, Daniele Marino, Pasquale Repaci, Antonino Siclari*

#### 4. GIS Roads Cadastre, Infrastructure Management and Maintenance

*Silvia Simonetti, Agostino Currà, Salvatore Minniti, Maurizio Modafferi*

#### 5. OBIA to Detect Asbestos-containing Roofs

*Giuliana Bilotta*

#### 6. Geomatic Techniques: a Smart App for Cultural Heritage

*Ernesto Bernardo, Giuliana Bilotta, Adila Sturniolo*

#### 7. Use of Big Data and Geomatics Tools for Monitoring and Combating Pandemics

*Vincenzo Barrile, Ernesto Bernardo, Stefano Bonfa*

#### 8. Modern Tools of Geomatics as an Indispensable Support to the Public Administration for the Protection, Restoration, Conservation and Dissemination of Cultural Heritage

*Ernesto Bernardo*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS36

TS

## REGULATORY AND FINANCIAL TOOLS FOR THE UPGRADING AND SUSTAINABLE DEVELOPMENT OF THE TERRITORY: RISKS, OPPORTUNITIES AND PROSPECTS FOR ACHIEVING A LONG-TERM BALANCE

Wednesday 25th May 17.00 - 19.00  
UNIRC - Architecture School - Thesis Room  
On-line ([Link Microsoft Teams](#))

### 1. Electrification of Commercial Fleets: Implementation Practices

*Franco Corti*

### 2. Medium-long Term Economic Sustainability for Public Utility Works

*Luigi Dolores, Orlando Giannattasio, Maria Macchiaroli, Gianluigi De Mare, Rosa Maria Caprino*

### 3. A GIS-BIM Approach for the Evaluation of Retrofit Actions in Urban Planning. A Methodological Proposal

*Gabriella Graziuso, Michele Grimaldi, Carla Giordano*

### 4. Economic-Financial Sustainability and Risk Assessment in the Water Sector in Italy

*Maria Macchiaroli, Luigi Dolores*

### 5. Awareness Campaigns and Sustainable Marketing for an Efficient Use of Territorial Resources

*Luigi Dolores, Maria Macchiaroli, Gianluigi De Mare*

### 6. Infrastructure Accessibility Measures and Property Values

*Gabriella Maselli, Stefano de Luca, Antonio Nesticò*

### 7. The Smart City NEOM: a Hub for a Sustainable Raise of Economy and Innovation

*Elena Merino Gómez, Renato Benintendi, Gianluigi De Mare*

Maria Macchiaroli - Department of Civil Engineering, University of Salerno, Italy, TS36 Chair with Roberta Di Pace - Department of Civil Engineering, University of Salerno, Italy, Chiara Fiori - Department of Civil Engineering, University of Salerno, Italy and Orlando Giannattasio - Department of Mechanical, Energy Systems, Management and Transportation Engineering (DIME) of University of Genova, Italy.

#### BIOGRAPHY

*Maria Macchiaroli is PhD and researcher in SSD ICAR/22 (Appraisal and Economic Evaluation of Projects) at the Department of Civil Engineering (DICIV) of the Salerno University (Italy). Her current research activities concern public-private partnership, regulation and management of public utilities, risk analysis for projects in the civil sector.*

*Roberta Di Pace is Associate Professor of Transportation Engineering at the Depart. of Civil Engineering of the University of Salerno.*

*Her research interests include: intelligent transportation systems; dynamics in transportation; traffic flow modelling; real time traffic management; smart/sustainable mobility; discrete choice models and new paradigms for behavioural analysis and modelling; transportation environmental impacts.*

*Chiara Fiori is assistant professor of Transportation Engineering at the Depart. of Civil Engineering of the University of Salerno, Italy. Her main research interests include: sustainable mobility; modeling/simulation for the functional and environmental efficiency improvement of container terminals; electric freight logistics, electrification of ports/ port operations; traffic/energy consumption integration; hybrid/electric powertrains energy consumption modeling/simulation; well-to-wheels analysis.*

*Orlando Giannattasio is Phd in SSD ICAR/05 (TRANSPORTATION AND LOGISTIC SYSTEMS ENGINEERING (a curriculum of „Ingegneria delle Macchine e dei Sistemi per l'Energia, l'Ambiente e i Trasporti“) at Department of Mechanical, Energy Systems, Management and Transportation Engineering (DIME) of University of Genova. His research interest includes transportation network modeling, automated vehicles, travel demand analysis.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

### TS37-17

#### SPATIAL DATA INFRASTRUCTURES, URBAN MODELLING AND GEOSPATIAL ANALYSES IN ASSESSING URBAN AND RURAL LANDSCAPES: NEW PERSPECTIVES AND OPEN CHALLENGES WATER RESOURCES MANAGEMENT IN AGRO-FOREST AREAS: FUTURE PERSPECTIVES AND CHALLENGES

Demetrio Antonio Zema - Mediterranean University of Reggio Calabria, Italy, TS17 Chair with Manuel Esteban Lucas-Borja - University of Castilla-La Mancha, Albacete, Spain.

##### BIOGRAPHY

Demetrio Antonio Zema. Ph.D., associate professor. Authors of more than 200 publications (100 on peer-reviewed international journals) and one book. Fields of interest: forest hydrology, hydrological modeling, catchment protection, wastewater treatment, ecological engineering, irrigation management. Supervisor of five Ph.D. theses. Teachers in five scientific disciplines.

Manuel Esteban Lucas-Borja. Ph.D., professor. Authors of more than 300 publications (150 on peer-reviewed international journals) and three books. Fields of interest: forest hydrology, hydrological modeling, catchment protection, ecological engineering, forest regeneration, soil functionality. Supervisor of two Ph.D. theses. Teachers in four scientific disciplines.

Giuseppe Modica - Department of Agraria Mediterranea University of Reggio Calabria, TS37 Chair with Beniamino Murgante - School of Engineering, University of Basilicata and Maurizio Pollino - ENEA, Italian National Agency for New Technologies, Energy and Sustainable Economic Development.

##### BIOGRAPHY

Giuseppe Modica is Associate professor in 'Rural buildings and Agro-forest landscape planning' at Department of Agraria (Mediterranea University of Reggio Calabria). He authored of more than 100 publications in the research field of sustainable landscape planning, land use dynamics, landscape metrics, UAV and Satellite Remote sensing applications in Agro-Forestry, in these research fields. More information at <https://orcid.org/0000-0002-0388-0256>

Beniamino Murgante is presently professor of spatial planning School of Engineering of the University of Basilicata. He took his PhD in "Sciences and methods for European cities and territory" (University of Pisa). He authored more than 100 international publications in the field of technology applied to the city and the territory. More information at <http://oldwww.unibas.it/utenti/murgante/Benny.html>

Maurizio Pollino is PhD in Agroforestry and Environmental Engineering. From 2000 Researcher at ENEA, involved in R&D activities in the field of Geomatics (Remote Sensing and GIS). Main interests in Geomatics applications to environmental studies (land planning, spatial analysis) and risk analysis (multi-risk assessment, GIS-based Decision Support Systems). Author and co-author of several scientific publications. More information can be found on the personal web page: <http://apic.casaccia.enea.it/pollino/> More information can be found on the personal web page: <http://apic.casaccia.enea.it/pollino>

Friday 27th May 9.00 - 11.00 / 11.30 - 13.30

UNIRC - Engineering School - Room: A02

On-line ([Link Microsoft Teams](#))

#### TS17 - WATER RESOURCES MANAGEMENT IN AGRO-FOREST AREAS: FUTURE PERSPECTIVES AND CHALLENGES

##### 1. Hydrological Drivers and Effects of Wildfire in Mediterranean Rural and Forest Ecosystems: a Mini Review

Domina Delač, Bruno Gianmarco Carrà, Manuel Esteban Lucas-Borja, Antonio Demetrio Zema

##### 2. Agro-food Wastewater Management in Calabria and Sicily (Southern Italy): a General Overview and Key Case Studies

Antonio Demetrio Zema

##### 3. River Transport in Calabrian Rivers

Giandomenico Foti, Giuseppe Barbaro, Giuseppe Bombino, Giuseppina Chiara Barillà, Pierluigi Mancuso, Pierfabrizio Puntorieri

#### TS37 - SPATIAL DATA INFRASTRUCTURES, URBAN MODELLING AND GEOSPATIAL ANALYSES IN ASSESSING URBAN AND RURAL LANDSCAPES: NEW PERSPECTIVES AND OPEN CHALLENGES

##### 4. A Virtual Reality Approach for Geoparks Fruition during SARS-Cov2 Pandemic Situation: Methodological Notes and First Results

Salvatore Praticò, Marco Neves, Angelo Merlino, Raimondo Tripodi, Peppuccio Bonomo, Paulo Barreira, Giuseppe Modica

##### 5. Geographic Information and Socio-economic Indicators: a Reading of Recent Territorial Processes in the Test Area of Basilicata Region

Valentina Santarsiero, Gabriele Nolè, Francesco Scorza, Beniamino Murgante

##### 6. Methods and Tools for a Participatory Local Development Strategy

Priscilla Sofia Dastoli, Piergiuseppe Pontrandolfi

##### 7. On the Use of Big Earth Data in the Copernicus Era for the Investigation and the Preservation of the Human Past

Rosa Lasaponara, Carmen Fattore, Nicodemo Abate, Nicola Masini

##### 8. FIRE-SAT System for the Near Real Time Monitoring of Burned Areas and Fire Severity Using Sentinel-2: the Case Study of the Basilicata Region

Rosa Lasaponara, Carmen Fattore, Nicodemo Abate, Angelo Aromando, Gianfranco Cardellini, Guido Loperte, Marco di Fonzo

##### 9. The Influence of Potential Flood Hazard Areas for Urban Adaptation to Climate Change

Simone Corrado, Luigi Santopietro, Francesco Scorza, Beniamino Murgante

##### 10. Preliminary Results in the Use of WorldView-3 for the Detection of Cork Oak (Quercus Suber L.): A Case in Calabria (Italy)

Gaetano Messina, Giovanni Lumia, Salvatore Praticò, Salvatore Di Fazio, Giuseppe Modica

##### 11. Towards Quantifying Rural Environment Soil Erosion: RUSLE Model and Remote Sensing Based Approach in Basilicata (Southern Italy)

Valentina Santarsiero, Gabriele Nolè, Antonio Lanorte, Beniamino Murgante



# NEW METROPOLITAN PERSPECTIVES 2022

THEMATIC SESSIONS

TS38

## THE METROPOLITAN FOOD SYSTEMS AT THE TEST OF COVID-19: CHANGES, REACTIONS, OPPORTUNITIES BETWEEN FOOD INSECURITY AND NEW NEEDS

TS

Thursday 26th May 9.00 - 11.00 / 11.30 - 13.30  
On-line ([Link Microsoft Teams](#))

Valentina Cattivelli - Università' Uninettuno e  
ESPON research fellow , TS38 Chair.

### 1. Where is the City? Where is the Countryside? The Methods Developed by Italian Scholars to Delimit Urban, Rural and Intermediate Territories

Valentina Cattivelli

### 2. A Multicriteria Evaluation of Blockchain-based Agri-food Chain in the New Scenario Post-Covid 19

Alessandro Scuderi, Roberta Selvaggi, Luisa Sturiale, Giovanni La Via, Giuseppe Timpanaro

### 3. Experiences of Online Purchase of Food Products in Italy During COVID-19 Pandemic Lockdown

Luisa Sturiale, Alessandro Scuderi, Biagio Pecorino, Giuseppe Timpanaro

### 4. Metropolitan Food Systems at the Test of Covid-19: Changes, Reactions, Opportunities between Food Insecurity and New Needs

Valentina Cattivelli

### 5. Designing Food Landscape in the 15-Minute Post-covid City. Imagining a New Scenario for Low-Density Spaces in Metropolitan Areas

Catherine Dezio, Mario Paris

### 6. Turning 'Food to be Wasted' into Food Security and Multiethnic Integration: the Example of Refoodgees in the New Esquiline Market

Alessandra Narciso

### 7. Food (In)security in a Nordic Welfare State: the Impact of COVID-19 on the Activities of Oslo's Food Bank

Julia Szulecka, Nhat Strøm-Andersen, Paula Capodistrias

### BIOGRAPHY

Researcher, university lecturer and project manager experienced in European funds. Her research interests concern regional economics and policies for local and rural development, territorial and social inequalities, urban-rural transformations, as well as green and circular economy, social and urban agriculture. I have studied these topics collaborating with Wageningen University (Netherlands), Eurac Research, Ersaf and ISMEA (IT). She is also an expert in drafting project proposals to be submitted for funding by European (Interreg, ESPON, Horizon, Creative Europe), national (various Ministries) and regional funds. In the last three years, she has won research projects for about 1.5 million Euros.

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

TS39

## STRATEGIES AND MEASURES FOR A SUSTAINABLE ACCESSIBILITY AND EFFECTIVE TRANSPORT SERVICES IN INNER AND MARGINAL AREAS

Marinella Giunta - Mediterranea University of Reggio Calabria, TS39 Chair with Giovanni Leonardi - Mediterranea University of Reggio Calabria, Francis M. M. Cirianni and Angelo S. Luongo.

### BIOGRAPHY

*Marinella Giunta is Assistant Professor of Road Railway and Airport. Prof. Giunta's research activities are focused on the study of sustainability, safety, resilience and materials of road and railway infrastructures. Results of the researches carried out have been published in prestigious journal and presented in national and international conference.*

*Giovanni Leonardi is Associate professor of Road Railway and Airport. He is author and co-author of more than 100 scientific papers on topics in environment impact assessment, road, railway and airport materials, transport safety, road maintenance and rehabilitation, sustainable materials and technologies, finite element analysis.*

*Francis M. M. Cirianni. Lecturer in Transport Planning and Infrastructures. Consultant, author of international technical and research publications, member of the board of professional and scientific associations, deputy Chair of the National Agency for Engineering Certification, has over thirty years of research activity in the field of transport systems and infrastructures.*

*Angelo S. Luongo. Lecturer of transportation planning and investment evaluation, Consultant for mobility and transport services for the National Agency for Inward Investment and Economic Development for "Inner Areas" Strategy (SNAI).*

Wednesday 25th May 14.30 - 16.30  
UNIRC - Architecture School - Thesis Room  
On-line ([Link Microsoft Teams](#))

### **1. Mobility as a Service (MaaS): Framework Definition of a Survey for Passengers' Behaviour**

*Giuseppe Musolino, Corrado Rindone, Antonino Vitetta*

### **2. Evaluation of the Structural Health Conditions of Smart Roads using Different Feature-based Methods**

*Rosario Fedele, Filippo Giammaria Praticò, Giuseppe Cogliandro, Filippo Laganà*

### **3. Framework of Sustainable Strategies for Monitoring Maintenance and Rehabilitation of Secondary Road Network to Guarantee a Safe and Efficient Accessibility**

*Marinella Giunta, Giovanni Leonardi*

### **4. Accessibility and Internal areas - Rural Towns of Calabria and the Local Road Network**

*Francis M. M. Cirianni, Marinella Giunta, Giovanni Leonardi, Rocco Palamara*

### **5. Strategies and Measures for a Sustainable Accessibility and Effective Transport Services in Inner and Marginal Areas: the Italian Experience**

*Francis M. M. Cirianni, Giovanni Leonardi, Angelo S. Luongo*

### **6. Optimization of Local Road Network Quality**

*Francis M. M. Cirianni, Giovanni Leonardi*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS40

### STRUCTURAL RETROFITTING BY SUSTAINABLE AND COMPATIBLE METHODS

TS

Wednesday 25th May 14.30 - 16.30 - 17.00 - 19.00  
UNIRC - Architecture School - Room: A7  
On-line ([Link Microsoft Teams](#))

Raffaele Pucinotti - Mediterranean University of Reggio Calabria, TS40 Chair with Valerio Alecci - Department of Architecture – University of Florence.

#### 1. A Simplified Design Procedure to Improve the Seismic Performance of RC Framed Buildings with Hysteretic Damped Braces

*Eleonora Bruschi, Virginio Quaglini, Paolo M. Calvi*

#### 2. Saltwater and Alkali Resistance of Steel Reinforced Grout Composites with Stainless Steel

*Sara Fares, Rebecca Fugger, Stefano De Santis, Gianmarco de Felice*

#### 3. Freeze/Thaw Effect on the Mechanical Properties of FRCM System

*Salvatore Verre, Alessio Cascardi*

#### 4. Structural Assessment of a Heritage Building in the UNESCO Site of Alberobello

*Francesco Micelli, Alessio Cascardi, Salvatore Verre*

#### 5. Mechanical Properties of Mortars for Structural Restoration of Historic Masonry Buildings

*Maria Teresa Cristofaro, Angelo D'Ambrisi, Mario De Stefano, Marco Tanganelli*

#### 6. A New Compatible and Sustainable FRLM Composite for the Seismic and Energetic Upgrade of Historic Buildings

*Valerio Alecci, Mario De Stefano, Antonino Maria Marra, Fabrizio Pittau, Dora Pugliese, Rosa Romano, Gianfranco Stipo*

#### 7. Experimental Investigation on the Effectiveness of Masonry Columns Confinement Using Lime-based Composite Material

*Valerio Alecci, Mario De Stefano, Stefano Galassi, Raymundo Magos, Gianfranco Stipo*

#### 8. Preliminary Italian Maps of the Expected Annual Losses of Residential Code-conforming Buildings

*Eugenio Chioccarelli, Adriana Pacifico, Iervolino Iunio*

#### 9. Structural Safety Assessment of Existing Bridge Decks: Numerical Analysis Assisted by Field Test Results

*Dario De Domenico, Davide Messina, Antonino Recupero*

#### 10. Safety Management of Existing Bridges: a Case Study

*Antonino Fotia, Maria Rosa Alvaro, Francesco Oliveto, Raffaele Pucinotti*

#### 11. Seismic Retrofit of Concrete Reinforced Existing Buildings by Insertion of Steel Exoskeleton: a Case Study

*Rocco Buda, Maria Rosa Alvaro, Raffaele Pucinotti*

#### 12. Impact of Graphene-based Additives on Bituminous Mixtures: a Preliminary Assessment

*Filippo Giammaria Praticò, Eliana Zappia, Giuseppe Colicchio*

#### BIOGRAPHY

*Raffaele Pucinotti is Assistant Professor in Structural Engineering. His research mainly focuses on seismic vulnerability of reinforced concrete structures and on Seismic performance of composite beam-to-column joints. He has published more than 100 peer-reviewed journal/conference papers within the above-mentioned topics. He is a member of editorial boards of some international journals.*

*Valerio Alecci is Associate professor of Structural Design. His research interests cover the seismic behavior of masonry and reinforced concrete structures, the use of composite materials for structural interventions and the study of historical masonry buildings. He has been awarded prizes from national and international institutions.*

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS

### TS41

## SUSTAINABLE BUILDINGS AND LOW-CARBON TECHNOLOGIES FOR SUSTAINABLE CITIES AND COMMUNITIES

Marina Mistretta - Department of Information, Infrastructure and Sustainable Energy (DIIES) - University of Reggio Calabria, TS41 Chair with Maurizio Cellura - Department of Engineering - University of Palermo.

### BIOGRAPHY

Marina Mistretta is PhD, Full Professor of Building Physics and Energy Systems since 2016 at the University of Reggio Calabria, her scientific activity is mainly oriented towards energy and environmental topics, with focus on Life Cycle Assessment, energy efficiency in buildings, technologies powered by renewable energy technologies, systems for energy generation and storage, and decarbonization strategies of systems and processes. She is member of the Steering Committee of the Italian Life Cycle Assessment Network since 2015 and of several, and she is involved in many scientific research networks about energy, sustainability.

Maurizio Cellura is PhD, Full professor of Building Physics and Energy Systems since 2011 at the University of Palermo, his scientific activity is focused on building energy efficiency, renewable energy technologies and decarbonization strategies of systems and processes. His experience on international level on building science and Life Cycle Assessment is clarified by the coordination of several national and International research projects on energy-environmental topics, his teaching experiences in international courses and seminars and by the participation to many International Energy Agency work groups. Involved in the field of LCA applied to buildings in the last three decades, he was President of the Italian Life Cycle Assessment network from 2015 to 2019.

Thursday 26th May 14.30 - 16.30 - 17.00 - 19.00  
UNIRC - Architecture School - Thesis Room  
On-line ([Link Microsoft Teams](#))

### 1. From Condominium to Energy Community: Energy and Economic Advantages With Application to a Case Study

Concettina Marino, Antonino Francesco Nucara, Maria Francesca Panzera, Matilde Pietrafesa, Federica Suraci

### 2. Energy Requalification of a Neighbourhood of Reggio Calabria with a View to an Energy District

Concettina Marino, Antonino Francesco Nucara, Maria Francesca Panzera, Matilde Pietrafesa, A. Votano

### 3. Environmental Assessment of a Hybrid Energy System Supporting a Smart Polygeneration Micro-grid

Giovanni Tumminia, Davide Aloisio, Marco Ferraro, Vincenzo Antonucci, Maurizio Cellura, Maria Anna Cusenza, Francesco Guarino, Sonia Longo, Federico Delfino, Giulio Ferro, Michela Robba, Mansueto Rossi

### 4. Drainage Layer in Green Roofs: Proposal for the Use of Agricultural Plastic Waste

Stefano Cascone

### 5. Towards the Environmental Sustainability of the Construction Sector: Life Cycle Environmental Impacts of Buildings Retrofit

Simona Rosaria La Mantia, Roberta Rincione, Francesco Guarino, Sonia Longo, Marina Mistretta, Maurizio Cellura

### 6. Reversible, Sustainable and Circular Constructive Systems: Buildability Conditions

Tecla Caroli, Andrea Campioli, Monica Lavagna

### 7. Advanced Circular Design, a Life Cycle Approach. Methods and Tools for an Eco-Innovative Life Cycle Approach for Buildings Energy and Resource Optimization

Domenico Lucanto

### 8. Design Strategies toward Low-carbon Buildings and Neighborhoods. The Use of LCA to Support a Project Proposal for Reinventing Cities

Monica Lavagna, Andrea Campioli, Anna Dalla Valle, Serena Giorgi

### 9. Regenerative Design and Hybrid Buildings to Address Climate Change

Consuelo Nava

# NEW METROPOLITAN PERSPECTIVES 2022

## THEMATIC SESSIONS

TS42

### CITIZENSHIP, ENTREPRENEURSHIP AND YOUTH EMPOWERMENT: DIDACTIC AND EDUCATIONAL PERSPECTIVES

TS

Friday 27th May 9.00 - 11.00 / 11.30 - 13.30  
UNIRC - Engineering School - Room: A6  
On-line ([Link Microsoft Teams](#))

Viviana Vinci - Mediterranea University of Reggio Calabria, TS42 Chair with Loredana Perla - University of Bari Aldo Moro.

#### 1. Photovoice & Landscape: Participatory Research-action to Led Young People to Monitor Policies and Landscapes

*Pietro Bova*

#### 2. The Mediation Role of the University Tutor to Promote Student Empowerment: a Student Voice Survey through Documentary Writing

*Viviana Vinci*

#### 3. 'Work' / 'World of Work' and Primary Teacher Training

*Laura Sara Agrati*

#### 4. Developing Students' Empowerment through Health Education for Future-oriented Curricula and Sustainable Lifestyles

*Stefania Massaro*

#### 5. Identification, Validation and Certification of Previous Skills to Support Vulnerable Worker in Post Pandemic Dynamics

*Daniela Robasto*

#### 6. Students' Role in Academic Development: Patterns of Partnership in Higher Education

*Anna Serbati, Valentina Grion, Juliana Elisa Raffaghelli, Beatrice Doria*

#### 7. How Can University Promote Eco-literacy and Education in Environmental Sustainability? A Third-mission Best Practice at the University of Bari

*Alessia Scarinci, Alberto Fornasari*

#### 8. Educational Interventions for Civil and Democratic Society: a Research-training Project on Bullying and Cyberbullying at Apulian Schools

*Loredana Perla, Ilenia Amati*

#### 9. Digital Competence for Citizenship: Distance Learning Before and during the Covid-19 Emergency

*Maria Sammarro*

#### 10. Juveniles and Mafias: the Project Free to Choose for Growing Up Differently

*Giuseppina Maria Patrizia Surace*

#### BIOGRAPHY

*Viviana Vinci is Associate Professor of Didactics at the Mediterranea University of Reggio Calabria. Coordinator of the 'Education and Training Sciences' Course and Departmental Delegate for Orientation. Winner of the 2014 SIPED Award and the 2021 SIRD Visalberghi Award. Her main research interests are: Faculty development, Teacher education, Evaluation research.*

*Loredana Perla is Full Professor of Didactics at the University of Bari. National referent of 'International Study Association on Teacher and Teaching', she's expert in Teacher education and Faculty development. She coordinates: ANVUR working group „Recognition and valorisation of the teaching skills of university teachers”, DidaSco, TLC project, L-19 Course.*

# NEW METROPOLITAN PERSPECTIVES 2022

FOCUS SESSIONS - FS

FS

FS-TR01-02-03

## TRANSITION WITH RESILIENCE AND EVOLUTIONARY DEVELOPMENT



Carmelina Bevilacqua - Università degli Studi di Reggio Calabria, FS-TR Chair with Vincenzo Provenzano - Università degli Studi di Palermo, Pierre-Alexandre Balland - Utrecht University (NL) and Cristina Kakderi - Aristotle University of Thessaloniki (AUTH), School of Spatial Planning and Development.

### BIOGRAPHY

*Carmelina Bevilacqua is Assistant Professor of Urban Planning, she investigates the complex dynamics of urban and territorial transformations. Grounded in a multidisciplinary approach in combining urban-regional science with research-innovation dynamics, her recent areas of interest range in tackling how innovation policy and urban planning are complementary for transformative sustainability, coupling urban-local transition with resilience.*

*Vincenzo Provenzano is Associate Professor of Applied Economics, he teaches Regional Economics and Nonprofit Economics at the University of Palermo. He conducts analysis and research activities in the field of real and financial aspects of regional development.*

*Pierre-Alexandre Balland is Professor at Utrecht University and previously held positions at MIT and UCLA, he is a French economist and one of Europe's leading experts on complex systems, the future of cities, artificial intelligence and blockchain technologies. He is a Visiting Professor at the Center for Collective Learning of the Artificial and Natural Intelligence Toulouse Institute and a research fellow at the Center for Complex Systems Studies.*

*Cristina Kakderi is Assistant Professor of Spatial Development and RTDI Policies in the EU. As a member of Urban and Regional Innovation Her research interests focus on two main areas: a) intelligent ecosystems and innovation environments (use of technologies, emergence of intelligence, evolution, governance and resilience of smart cities and innovation ecosystems) and b) policies and strategies for regional and urban development including RTD (formation of smart city/ digital transformation strategies as well as of sRIS3).*

Wednesday 25th May 14.30 - 16.30 / 17.00 - 19.00  
UNIRC - Architecture School - Room: A2  
On-line ([Link Microsoft Teams](#))

### 1. Agents of Change and Window of Locational Opportunity (WLO) in Crypto Valley in Zug, Switzerland

*Arnault Morisson, Clara Turner*

### 2. Using Digitalization to Boost Lucanian Agriculture

*Maria D'Oronzio, Assunta Carmela Sica*

### 3. Innovation Policies in Germany: an Analysis for Tools and Impacts

*Michele Capriati, Massimo Arnone*

### 4. Assessing the role of the Blue Economy in the comprehensive development of lagging coastal areas. A case study of Calabria

*Nourhan Hamdy, Carmelina Bevilacqua*

### 5. Sustainability and Transition Management for a Suitable Modern Governance

*Vincenzo Provenzano, Maria Rosa Seminara*

### 6. The New Sustainability Dimension from S3 to S4 +

*Vincenzo Provenzano, Maria Rosa Seminara*

### 7. The Development of Social Impact Finance and The Post-Covid-19 Transition

*Vincenzo Provenzano, Massimo Arnone*

# NEW METROPOLITAN PERSPECTIVES 2022

FOCUS SESSIONS - FS

FS-TR04

## CITIES AS RESILIENCE "MACHINES": DRIVING THE URBAN TRANSITION

FS

Thursday 26th May 9.00 - 11.00 / 11.30 - 13.30  
UNIRC - Architecture School - Room: A2  
On-line ([Link Microsoft Teams](#))



### 1. Advanced Resilient Design and Innovations in Urban Water Management: Towards a Methodology for Climate Change Resilient and Inclusive Transitions

*Alessia Leuzzo*

### 2. Renewable Energy Communities: Enabling Technologies and Regenerative Models for the Green and Digital Transition in the Inner Areas of the Grecanica Area

*Giuseppe Mangano*

### 3. Resilient and Transition Strategies for the Post Pandemic City: the Case of the Metropolitan City of Reggio Calabria

*Carmelina Bevilacqua, Pasquale Pizzimenti*

### 4. Planning for Sustainability: Implications for Resilient Post-pandemic Urban Planning

*Svjetlana Mise*

### 5. Driving Sustainability Transition through District-based Urban Transformations

*Miriam Sferrazza, Carmelina Bevilacqua*

### 6. New Risks Assessments Due to Climate Change in Metropolitan Peripheral Areas. The Water Shortage Case in the Region IV of the State of México

*Carmelina Bevilacqua, Armando Cepeda Guedea*

### 7. The contribution of Advanced Circular Design to the Ecological Transition towards Architecture without Depletion

*Domenico Lucanto*

### 8. CLLD, Urban Agenda and borderland. Governance and innovation for the sustainable development of the Eurocity of Guadiana (Portugal-Spain)

*Jesús Felicidad García, Francisco José Pazos-García*

### 9. A composite indicator to describe digital technology in Europe

*Domenico Marino, Domenico Tebala*

Carmelina Bevilacqua - Università degli Studi di Reggio Calabria, FS-TR04 Chair with Pasquale Pizzimenti - Università degli Studi di Reggio Calabria and Vincenzo Provenzano - Università degli Studi di Palermo.

#### BIOGRAPHY

*Carmelina Bevilacqua is Assistant Professor of Urban Planning, she investigates the complex dynamics of urban and territorial transformations. Grounded in a multidisciplinary approach in combining urban-regional science with research-innovation dynamics, her recent areas of interest range in tackling how innovation policy and urban planning are complementary for transformative sustainability, coupling urban-local transition with resilience.*

*Pasquale Pizzimenti. Marie Curie Post-Doctoral Fellow for the ZES Project funded by the Horizon 2020 MSCA – IF. His main research interest focuses on the urban dimension of knowledge and innovation dynamics and the role of urban governance and planning in managing the complexity of the current urban transformations.*

*Vincenzo Provenzano is Associate Professor of Applied Economics, he teaches Regional Economics and Nonprofit Economics at the University of Palermo. He conducts analysis and research activities in the field of real and financial aspects of regional development.*

# NEW METROPOLITAN PERSPECTIVES 2022

FOCUS SESSION - FS

FS

## FS-IC01-05 (IT)

IC01-ROOTS TOURISM AND AUTHENTICITY AS TOOLS FOR DEVELOPMENT AND REGENERATION IN INLAND VILLAGES

IC05-CULTURAL TOURISM IN HISTORIC TOWNS AND VILLAGES AS DRIVER OF SUSTAINABLE AND RESILIENT DEVELOPMENT



Consiglio Internazionale  
dei Monumenti e dei Siti  
Comitato Nazionale Italiano

Sonia Ferrari - University of Calabria, FS-IC01  
Chair with Luciano Romito - University of Calabria.

### BIOGRAPHY

*Sonia Ferrari is Associate Professor of Tourism Marketing and Place Marketing. Main research interests: tourism and place marketing, roots tourism, spa and wellness tourism, tourism in protected areas, event marketing, service marketing and management, and sustainable tourism. Member of the World Commission on Protected Areas of IUCN since 2016*

*Luciano Romito is Full professor in General Linguistics and Scientific responsible of the Phonetics Laboratory, UniCal, Training Research of "Archivio sonoro della Calabria", and for language and culture of Calabria courses for children of Calabrian emigrants in the world.*

Paolo Motta - ICOMOS ICTC-CIVVIH-SDGWC Member, IASQ-International Association Social Quality, Key advisor urban issues, EURISPES - BRICS Laboratory Member, FS-IC05 Chair.

### BIOGRAPHY

*Paolo Motta, architect specialized in Territorial and Town Planning, in the last fifteen years focused on Sustainable Urban and Integrated Development strategies and policies, with an holistic approach not only technical, but also with economic and financial evaluation, plus social and environmental issues. Acquired international experience for analyzing and assessing the multicultural contexts and issues. In the last years increased attention to historic patrimony, cultural heritage, sustainable tourism issues and identification of related operational instruments.*

Thursday 26th May 9.00 - 11.00  
UNIRC - Architecture School - Room: A6  
On-line ([Link Microsoft Teams](#))

### FS-IC01 - ROOTS TOURISM AND AUTHENTICITY AS TOOLS FOR DEVELOPMENT AND REGENERATION IN INLAND VILLAGES

#### 1. Local Development through the Connection between Roots Tourism, Local Food and Wine

*Sonia Ferrari, Tiziana Nicotera, Anna Io Presti, Ana Maria Biasone*

#### 2. Focus on the Role and Point of View of Municipal Administrations in the Apulia Region on the Phenomenon of Roots Tourism through a Factor Analysis

*Nicolaia Iaffaldano, Angela Maria D'Uggento, Vito Roberto Santamato*

#### 3. Economic Feasibility of a Project for the Reuse of the Old Hospital of Nicotera as a Center for Eating Disorders and for the Enhancement of the Mediterranean Diet

*Luca Santucci, Giuseppina Cassalia, Francesco Calabrò*

### FS-IC05 - CULTURAL TOURISM IN HISTORIC TOWNS AND VILLAGES AS DRIVER OF SUSTAINABLE AND RESILIENT DEVELOPMENT

#### 4. The Management Models of a Tourist Destination in Italy

*Angela Vigliani, Francesco Calabrò*

#### 4. Cultural Tourism in Historic Towns and Villages as Driver of Sustainable and Resilient Development

*Paolo Motta*

#### 5. The ICOMOS Draft International Charter for Cultural Heritage Tourism (2021): Reinforcing Cultural Heritage Protection and Community Resilience through Responsible and Sustainable Tourism Management. New Approaches to Global Policies, Challenges and Issues Concerning Cultural Heritage Preservation and Enjoyment within Tourism

*Celia Martínez Yáñez*

#### 6. Responsible Tourism at a Rural Cultural Landscape. Opportunity or Threat?

*Bartomeu Deya*

# NEW METROPOLITAN PERSPECTIVES 2022

FOCUS SESSION - FS

FS-IC07

## THE INTANGIBLE CULTURAL HERITAGE RETHINK THE ROLE OF EXPERTS TO RESPECT THE ROLE OF COMMUNITIES

FS

Wednesday 25th May 14.30 - 16.30  
UNIRC - Architecture School - Room: A5  
On-line ([Link Microsoft Teams](#))



Consiglio Internazionale  
dei Monumenti e dei Siti  
Comitato Nazionale Italiano

Carla Maurano - ICOMOS ICICH, FS-IC07  
Chair.

### 1. The Haenyeo Community: Local Expert Facilitator for Tangible-Intangible Cultural Heritage and its Economic Contributions to the Jeju Society, Korea

*Hee Sook Lee-Niinioja*

### 2. "Experts and Professionals": Intangible Cultural Heritage Custodians and Natural Resource Management in Poland and Canada

*Agnieszka Pawłowska-Mainville*

### 3. The Role of the Expert in Holistic Approach to ICH: Case Study in the Community of "Sites Remarquables du Goût (outstanding sites of taste)" in France

*Catherine Virassamy*

### 4. The role of the Expert as a Motivator of Community Participation

*Raul Rivero*

### 5. City of Wisdom-knowledge as a Preservation Model of ich Resources Focussed on 5 Central Points: The role of Traditional Wisdom Knowledge in Diversity; The Role of Community in the Situated Learning Process; The Perspective of Social Construction Dialogues in the Building Capacities Process; The Relevance of Collective Motivation Centered in a Social Decision Making Goals that let Enrich own Practices; The Role of Collective Memories in the Living Sense of Continuity in the Present, Past and Future Time

*Graciela Mota*

### 6. The Ways in which ICH Experts can help Communities to Document their ICH and Construct Narratives. Here the Case Study would be Women of Jammu Region and Their ICH Practices. who have been denied their Story

*Miralini Atrey*

#### BIOGRAPHY

*Architect and Landscaper, expert on Conservation and Integrated Management of Cultural and Natural heritage, including links between tangible and intangible heritage and spiritual values. Work carried out in many Countries, i.e. Albania, India, Israel, Iran Lebanon, Malta, Slovakia, Uruguay. Adviser of UNESCO, ICOMOS, Inter American Development Bank, World Bank Group. She is President of the ICOMOS Italian Committee on Intangible Heritage.*

# NEW METROPOLITAN PERSPECTIVES 2022

FOCUS SESSIONS - FS

FS

## FS-IC11

### ULYSSE'S JOURNEY AND MEDITERRANEAN CULTURAL LANDSCAPE, BETWEEN CULTURE, ENVIRONMENT, SOCIETY AND ECONOMY



Consiglio Internazionale  
dei Monumenti e dei Siti  
Comitato Nazionale Italiano

Francesco Calabrò - Mediterranea University of Reggio Calabria; ICOMOS Italia, FS-IC11 Chair with Roberta Alberotanza - Unesco MedLab - Mediterranea University of Reggio Calabria; ICOMOS Italia and Mariangela Monaca - University of Messina.

#### BIOGRAPHY

*Francesco Calabrò is Associate Professor in Real Estate Appraisal and Economic Evaluation of Projects; Head of Mediterranean UNESCO Heritages Lab; Head of LaborEst - Economic Evaluations and Real Estate Appraisals Lab; Head of 2nd level University Post Graduate Programme in „Strategic Valuation and Planning of City and Territory“.*

*Roberta Alberotanza is:*

*- Member of the Scientific Council of the Research Laboratory „Mediterranean UNESCO Heritage“ at the PAU Department of the Mediterranean University of Reggio Calabria and Head of the „Cultural Itineraries“ Section of the same Laboratory;*  
*- Member of the Task Force for the Italian Presidency of the Committee of Ministers of the Council of Europe at the Ministry of Foreign Affairs and Cooperation.*  
*- Member of the Order of Journalists;*  
*She has worked at the Ministry of Cultural Heritage, the Ministry of Foreign Affairs, and directed 3 Italian Cultural Institutes. She has edited numerous publications on cultural issues.*

*Mariangela Monaca is Associate Professor of History of Religions (qualified Full Professor) at the DICAM of the University of Messina. Member of numerous Scientific Societies and Academies (including SISR; CUSR; ICOMOS), his research themes are the religious history of the late ancient world, the relationship between religion, magic and divination, the religious cohabitation, the methodological problems.*

Wednesday 25th May 14.30 - 16.30  
UNIRC - Architecture School - Room: A6  
On-line ([Link Microsoft Teams](#))

#### Speakers:

*Mariangela Monaca, University of Messina*  
*Carmela Tramontana, UNESCO Med Lab - Mediterranea University of Reggio Calabria*  
*Salvatore Speciale, University of Messina*  
*Laura Marchetti, Mediterranea University of Reggio Calabria*  
*Viviana Vinci, Mediterranea University of Reggio Calabria*  
*Teresa Gualtieri, FICLU*  
*Elisabetta Giudrinetti, Borghi più Belli d'Italia*  
*Franco Porcaro, Club per l'UNESCO - Scilla*

# NEW METROPOLITAN PERSPECTIVES 2022

FOCUS SESSIONS - FS

## FS-IC12 BYZANTINE CALABRIA: MEMORIES, TRADITIONS, PERSPECTIVES

FS

Friday 27th May 11.30 - 13.30  
UNIRC - Engineering School - Room: A01  
On-line ([Link Microsoft Teams](#))



Consiglio Internazionale  
dei Monumenti e dei Siti  
Comitato Nazionale Italiano

### ROUNDTABLE

#### Opening

#### 11.45 Welcome messages

Feliceantonio Costabile, *Rector of Mediterranean University of Reggio Calabria*

#### Speakers:

Francesco Calabrò, *Mediterranea University of Reggio Calabria*

Fabrizio Sudano, *Superintendence of Archaeology, Fine Arts and Landscape for the Metropolitan City of Reggio Calabria*

Maria Savrami, *Byzantine and Christian Museum of Athens*

Fabio Todesco, *University of Messina*

Francesca Passalacqua, *University of Messina*

Mauro Mormino, *University of Messina*

Mariangela Monaca, *University of Messina*

Emanuele Castelli, *University of Messina*

Camilla Brivio, *Direzione Regionale Musei Calabria*

Cecilia Perri, *Museo Diocesano e del Codex - Arcidiocesi Rossano Cariati*

Nino Sulfaro, *Mediterranea University of Reggio Calabria*

Roberta Alberotanza, *Cultural Routes Section - UNESCO Med Lab - Mediterranean University of Reggio Calabria*

Francesco Cuteri - *Accademia di Belle Arti di Catanzaro, FS-IC12 Chair with Mauro Mormino - Università' degli Studi di Messina - Dipartimento di Civiltà Antiche e Moderne.*

#### BIOGRAPHY

*Francesco Cuteri is Professor of Cultural and Environmental Heritage - Academy of Fine Arts of Catanzaro; ICOMOS member - International Council on Monuments and Sites; Member of AISB - Italian Association of Byzantine Studies; Member of SAMI - Society of Italian Medieval Archaeologists.*

*Mauro Mormino is Subject Expert and Teaching Assistant in History of Religions (University of Messina); Ordinary member of the: Italian Society for the History of Religions (SISR); International Association for Late Antique Studies (AIST); Officina di Studi Medievali (Palermo).*

# NEW METROPOLITAN PERSPECTIVES 2022

SPECIAL EVENT - SE

SE

## SE-01 (IT)

### ICOMOS DAY ON CULTURAL TOURISM



Consiglio Internazionale  
dei Monumenti e dei Siti  
Comitato Nazionale Italiano

Maurizio Di Stefano - President of ICOMOS Italia, SE-01 Chair with Francesco Calabrò, Roberta Alberotanza - AREA 5 ICOMOS Italia and Paolo Motta, ICOMOS International.

#### BIOGRAPHY

*Maurizio Di Stefano. Engineer, Architect, Specialised in Restoration of Monuments at the Federico II University of Naples. President of ICOMOS Italia - International Council of Monuments and Sites. Freelance professional, responsible for European projects. Author of numerous publications and interventions in conferences and congresses, including international ones. He is a lecturer at numerous Italian and foreign universities and organizations. UNESCO expert in the field of assistance in world heritage issues, a well-known professional.*

*Francesco Calabrò is Associate Professor in Real Estate Appraisal and Economic Evaluation of Projects; Head of Mediterranean UNESCO Heritages Lab; Head of LaborEst - Economic Evaluations and Real Estate Appraisals Lab; Head of 2nd Level University Post Graduate Programme in „Strategic Valuation and Planning of City and Territory“.*

*Paolo Motta, architect specialized in Territorial and Town Planning, in the last fifteen years focused on Sustainable Urban and Integrated Development strategies and policies, with an holistic approach not only technical, but also with economic and financial evaluation, plus social and environmental issues. Acquired international experience for analyzing and assessing the multicultural contexts and issues.*

*Roberta Alberotanza is: - Member of the Scientific Council of the Research Laboratory „Mediterranean UNESCO Heritage“ at the PAU Dept of UNRC and Head of the „Cultural Itineraries“ Section of the same Laboratory; - Member of the Task Force for the Italian Presidency of the Committee of Ministers of CoE at the Ministry of Foreign Affairs and Cooperation. - Member of the Order of Journalists; She has worked at the Ministry of Cultural Heritage, the Ministry of Foreign Affairs, and directed 3 Italian Cultural Institutes. She has edited numerous publications on cultural issues.*

Thursday 26th May 10.00-13.30 / 14.30-19.00  
UNIRC - Architecture School - Room: A6  
On-line ([Link Microsoft Teams](#))

#### 10.00 Opening

Chaired by **Francesco Calabrò** - ICOMOS Italia Committee on Cultural Tourism - and **Maurizio Di Stefano**, President of ICOMOS Italia

#### Welcome Addresses

**Lucia Borgonzoni**, Under secretary of Culture - UNESCO Conventions Implementation - Ministry of Culture

**Mariassunta Peci**, Director of UNESCO Office - Ministry of Culture

**Teresa Gualtieri**, President of FICLU

**Vincenzo Santoro**, Director of the Dept. for Culture and Tourism - ANCI

**Fausto Orsomarso**, Councilor for Labor, Economic Development and Tourism - Calabria Region

#### 11.30 Presentation of the new ICOMOS Charter for Cultural Tourism

Chaired by **Paolo Motta** - ICOMOS International Committee on Cultural Tourism

**Fergus Maclaren**, President of the ICOMOS International Committee on Cultural Tourism

**Celia Martínez Yáñez**, ICOMOS Spain

**Bartomeu Deya**, ICOMOS Spain

#### 13.30 Lunch break

**Workshop: Monitoring and evaluation of Cultural Tourism for Sustainable Development, between Conservation and Valorization instances**

#### 14.30 PANEL 1: Organization of territorial systems: rules and stakeholders for a new alliance between public and private

Chaired by **Francesco Calabrò** - ICOMOS Italia Committee on Cultural Tourism, and **Paolo Motta** - ICOMOS International Committee on Cultural Tourism

#### Speakers:

**Fiorello Primi**, *Borghi più belli d'Italia*

**Fabrizio Antolini**, SISTUR - Italian Society of Tourism Sciences

**Claudio Ricci**, Tourism Exchange of Unesco Sites

**Alessandro Rinaldi**, *Centro Studi Guglielmo Tagliacarne*

**Manuel Roberto Guido**, ICOMOS Italia Committee on Cultural Landscape

**Luca Fabbri**, *Consulta Nazionale Distretti del Cibo*

**Maria Teresa laquinta**, ICOMOS Italia Committee on Training

#### 17.00 PANEL 2: Internationalization of the offer

Chaired by **Roberta Alberotanza** and **Immacolata Lorè** - ICOMOS Italia Committee on Cultural Tourism

#### Speakers:

**Stefano Dominioni**, Director - European Institute of Cultural Routes

**Ugo Picarelli**, Mediterranean Exchange of Archaeological Tourism

**Olimpia Niglio**, ICOMOS Italia Committee on places of Religion and Ritual

**Emanuela Panke**, CoE Cultural Route "Iter Vitis"

**Sonia Ferrari**, Università della Calabria, *Turismo delle radici*

**Emma Mandelli**, ICOMOS Italia Committee on Cultural Tourism

# NEW METROPOLITAN PERSPECTIVES 2022

FOCUS SESSIONS - FS

FS-RH

## II EDITION RHEGION UNITED NATIONS 2030: TOWARDS A NEW SPACE'S ORMA, OPPORTUNITY AND RISKS OF NEW MODALITIES OF ANTHROPIZATION BETWEEN SUSTAINABILITY, INNOVATION AND FRAGILITY FOR THE TERRITORY

FS

Thursday 26th May 16.30 - 19.30  
UNIRC - Architecture School - Room: A3  
On-line ([Link Microsoft Teams](#))

### 1. II Edition RHEGION UN 2030: towards a New Space's ORMA Opportunity and Risks of New Modalities of Anthropization between Sustainability, Innovation and Fragility for the Territory

*Stefano Aragona*

### 2. Climate Change and "local Nature Based Solution" towards Resilience

*Fabiola Fratini*

### 3. Climate-proof Planning: Water as Engine of Urban Regeneration in the Ecological Transition Era

*Carmela Mariano, Marsia Marino*

### 4. Rethinking the South in Humanistic, Social and Pedagogical Perspective. Rethinking the Relationship between Local and Global

*Rossella Marzullo*

### 5. Big Data and Cultural Heritage

*Vincenzo Barrile, Ernesto Bernardo*

### 6. Combining the Ecological and Digital Transitions: Smart Villages for New Scenarios in the EU Rural Areas

*Gabriella Pultrone*

### 7. Rethinking New Communities. Moving towards a Science of Cities

*Ferdinando Verardi*

### 8. Hypothesis of Recovery and Redevelopment in the Territories of the Stilaro

*Nunzio Bruno Palermo*

### 9. Small Rural Towns and Farmhouses of the Opera for Valorizzazione of Sila in Calabria. Narrated Memory from the Past and the Present, Research for Possible Sustainable Scenarios

*Maria Rossana Caniglia*

### 10. Ecopolis vs Megacity: a Post-crisis Regional-urban Vision towards 2050

*Sandro Fabbro*

### 11. Reversible Building Technologies and Unconventional materials for the Circular and Creative reuse of Small Centers

*Francesca Giglio, Sara Sansotta, Evelyn Grillo*

### 12. Green Infrastructures and Water Management. Urban Regeneration Strategies to Face Global Change

*Irene Poli, Paola N. Imbesi*

### 13. Application of Crowd Sensing for Sustainable Management of Smart Cities

*Ilaria Pigliautile, Myriam Caratù*

### 14. Ecological Transition and Planning Strategies

*Stefano Aragona*

Stefano Aragona - Dep. Pau, UNIRC, FS-RH Chair with Gabriella Pultrone - Dep. Darte, UNIRC, Francesca Assennato - Geological Survey of Italy, ISPRA, Sandro Fabbro - DPIA, University of Udine, Fabiola Fratini - "Sapienza" Rome University, DICEA, Francesca Silvia Rota - CNR IRCrES and Paolo Salonia - Director of Research associate of Institute Sciences Cultural Heritage - ISPC CNR, ICOMOS IT Advisor and Executive Board Member, Roma.

#### BIOGRAPHY

*Stefano Aragona. UNIRC Delegate at the Network of Universities for Sustainable Development - RUS. Member of the Coordination Committee of the Network of Universities for Sustainable Development - RUS. Delegate for Relations with National and International Networks Scientific Responsible and Coordinator of the Events of the Festival of the Festival for the Sustainable Development - ASviS, RUS, Edition 2021 -2022 for UNIRC.*

*Gabriella Pultrone. Architect, PhD in "Planning and Design of the Mediterranean City". Assistant Professor in Urban Planning - Mediterranean University of Reggio Calabria. Member of the University Quality Committee (PQA).*

*Francesca Assennato. PhD in Energy and environment. Head of Land Monitoring Unit. Geological Survey of Italy - ISPRA (Italian Institute for Environmental Protection and Research). Responsible for ISPRA in relevant EU funded projects (H2O2O EJP SOIL, Nellife4drylands). Main topics: land monitoring, impacts of urbanization, land degradation and desertification, ecosystem services, land use planning, urban regeneration.*

*Sandro Fabbro. Graduated in Urban Planning at the University Institute of Architecture in Venice, PhD (1993), currently is associate professor. Scientific director of international and national research projects, he has almost 200 registered research products.*

*Fabiola Fratini, architect, PhD, professor of Urban Planning at the Faculty of Engineering "Sapienza" Rome University, DICEA. The main research field developed is sustainable urban regeneration. On this topic from 2015 she experimented methodologies and tools to support citizen empowerment and to release small actions for long-term strategies in the neighbourhood of San Lorenzo (Rome).*

*Francesca Silvia Rota. Researcher at CNR IRCrES. She holds a Ph.D. in Territorial Planning and Local Development. Her research interests include local development, competitiveness, sustainability and resilience.*

*Paolo Salonia. Architect, former Director of the Institute for Technologies Applied to Cultural Heritage of the National Research Council, with more than forty-five years of research experience in the field of knowledge for the preservation and enhancement Cultural Heritage. Currently he is Research Director Associate at the ISPC-CNR and ICOMOS IT Advisor and Executive board member.*

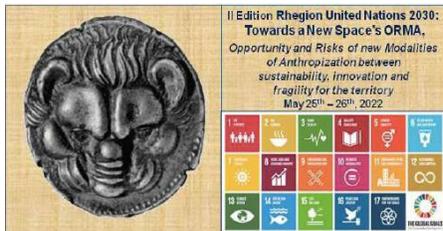
# NEW METROPOLITAN PERSPECTIVES 2022

FOCUS SESSIONS - FS / SPECIAL EVENT SE

FS

## FS-RH-SE

II EDITION RHEGION UNITED NATIONS 2030: TOWARDS A NEW SPACE'S ORMA, OPPORTUNITY AND RISKS OF NEW MODALITIES OF ANTHROPIZATION BETWEEN SUSTAINABILITY, INNOVATION AND FRAGILITY FOR THE TERRITORY



Stefano Aragona - Dep. Pau, UNIRC, FS-RH-SE Chair.

### BIOGRAPHY

*Stefano Aragona, UNIRC Delegate at the Network of Universities for Sustainable Development - RUS. Member of the Coordination Committee of the Network of Universities for Sustainable Development - RUS. Delegate for Relations with National and International Networks Scientific Responsible and Coordinator of the Events of the Festival of the Festival for the Sustainable Development - ASviS, RUS, Edition 2021 -2022 for UNIRC.*



Wednesday 25th May 14.30 - 16.30 / 17.00 - 19.00  
UNIRC - Architecture School - Room: A3  
On-line ([Link Microsoft Teams](#))

**14.30-16.00 Ecological and Urban Planning Transition, for the 90th anniversary of the National Institute of Urban Planning - INU: from paradigms to the ecological approach**

- **Costa Rica**: an exemplary path of ecologically sustainable territory
- **Michele Talia**, President of the National Institute of Urban Planning - INU, Looking for new ways
- Cooperative Group GOEL, A virtuous example of local sustainable development
- **Ricardo Petrachi**, President of the Biennale of Public Space, The „public city” as a privileged place for ecological transition
- Order of Engineers of the Province of Reggio Calabria
- **Raphaëlle Thiollier**, Direction des Affaire Scolaires, Paris, The Oasis Cours d'École program and the regeneration of neighborhoods starting from the school courts
- **Fabiola Fratini**, University of Rome La Sapienza, Urban microforests between schools and neighborhoods as nodes of a local green infrastructure
- **Pietro Bova**, National Coordinator of Educational Projects Italian Youth Association for UNESCO, EDU: education and participatory actions to involve students in urban planning and ecological transition

**16.30-17.45 Ecological Transition and National Recovery and Resilience Plan - PNRR: more opinions compared**

- Kenya: Which sustainability?
- **Adriano Giannola**, President of the Association for the development of industry in Southern Italy – SVIMEZ, Development and social, cultural, and environmental sustainability
- **Marco Bussone**, President of the National Union of Municipalities and Mountain Authorities - UNCEM, For a more balanced territorial development thanks to the villages and towns
- **Francesca Fatta**, Coordinator of the International PhD Program in Architecture, University Mediterranea of Reggio Calabria
- **Concetta Fallanca**, University Mediterranea of Reggio Calabria, And The Urban Planning
- **Ilario Tassone**, President of the Order of Architects, Planners, Landscape Architects, Conservators - APPC of the Province of Reggio Calabria
- **Alberto Ziparo**, Society of Territorialists, The vision of the territorialists
- Confindustria Reggio Calabria
- **Silvia Brini**, ISPR, co-coordinatrice Gol II, Italian Alliance for Sustainable Development - ASviS

**18.00-19.30 Transition Ecology as Climate Emergency for the Territories, The time to act is now**

- Intergovernmental Panel on Climate Change – IPCC
- Norway: Ecological Development, Nature Protection, Territorial Resilience
- **Patrizia Lombardi**, President of the Coordination Committee of the Network of Universities for Sustainable Development (RUS), The RUS effort and activities for accelerating the transition
- Italian Institute for Environmental Protection and Research - ISPR
- Futuridea - Innovazione Utile e Sostenibile: Local and Gobar and Local Sustainability
- **Consuelo Nava**, University of Reggio Calabria
- **Francesco Miceli**, President of the National APPC

# NEW METROPOLITAN PERSPECTIVES 2022

SPECIAL EVENT - SE

SE-02

AWARDS CEREMONY

EDOARDO MOLLIKA AWARD - VALERIA MORABITO AWARD



Friday 27th May 11.30 - 13.30  
UNIRC - Engineering School - Engineering Lecture Hall  
On-line ([Link Microsoft Teams](#))

## - EDOARDO MOLLIKA AWARD

*Participation of young researchers in the scientific debate - Successful early career researchers' papers*

**Chaired by:** Vincenzo Tromba, journalist

## - VALERIA MORABITO AWARD

*„Un Logo per Taverna“ - ASTRI Call for Students „Nurture Your Talent“*

**Chaired by:** Immacolata Lorè, member of ASTRI

### Speakers:

*Francesco Bagnato*, Dept. PAU - UNIRC, Curriculum Product design  
*Alessandra Maniaci*, Dept. PAU - UNIRC, Curriculum Product design  
*Nino Sulfaro*, Dept. PAU - UNIRC, Curriculum Product design  
*Sebastiano Tarantino*, Mayor of the Municipality of Taverna  
*Girolamo De Giglio*, Student Council - UNIRC  
*Dario Zamuner*, Eureka Association

SE-03

WORKSHOP:

THROUGH THE LOCAL SYSTEMS OF „ITER VITIS“



Wednesday 25th May 17.00 - 19.00  
UNIRC - Architecture School - Room: A6



### Chaired by:

*Francesco Calabrò* - UNESCO Med Lab - UNIRC  
*Roberta Alberotanza* - UNESCO Med Lab - Cultural Routes Section - UNIRC

### Partners:



Cultural route  
of the Council of Europe  
Itinéraire culturel  
du Conseil de l'Europe



Club per l'UNESCO  
Campo Calabro,  
Costa Viola e Aspromonte



# NEW METROPOLITAN PERSPECTIVES 2022

## COMMITTEES

### SCIENTIFIC ORGANIZER

**Francesco Calabrò - Lucia Della Spina**  
*LaborEst - Scientific Head*

**María José Piñeira Mantiñán**  
*GRUPO ANTE, University of Santiago de Compostela*

### SCIENTIFIC SECRETARIAT

**Giuseppina Cassalia - Angela Viglianisi - Immacolata Lorè**  
*Members of ASTRI*

### ORGANIZING COMMITTEES



### SUPPORTED by



### the MArRC Archaeological Museum



### the UNIRC STUDENT COUNCIL



### and the UNIRC STUDENTS - UNESCO Med Lab - WORKSHOP „Strumenti Innovativi per la Valorizzazione e Gestione del Patrimonio Culturale Calabrese”

*Carla Albanese, Lucia Guerrieri, Martina La Mela, Martina Mamazza, Roberta Mamone, Marco Marrelli, Adriana Romeo, Davide Rotundo, Teresa Santoro, Pasqualino Sbriglio, Federico Scaramozzino, Pierpaolo Torchia, Emilio Valeriati, Marco Ventura, Valentina Vitale, Maria Letizia Zinghini, Giacinto Zoccali*

**CONTACTS**

**OFFICIAL WEBSITE**

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