



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

Program

May 25th, 2022

8.45 – 9.15 am *Registration and Opening web platform*

9.15 - *Welcome messages* **Academic authorities Introduction New Metropolitan Perspectives**

10.00 – *Panel A - keynote speeches*

11,20 - 12,20 am Starting 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

Introduction

Stefano Aragona, Scientific Responsible for II Edition Rhegion UN 2030

Keynote Speakers

- **Federico Butera, prof. Emeritus, Polytechnic of Milan**, *Coping with complexity*

To govern the ecological transition

- **Andrè Torre, President of the European Regional Science Association**, *Natural resources, territories, and cities, between opportunities and risks of new anthropization dynamics*

12,30 am Discussion

1,30 - 2,30 pm Lunch time

2,30 - 4,00 pm Introduction

Francesco Carlo Morabito, Vice Rector Delegate for Internationalization and International Relations, Mediterranea University of Reggio Calabria

Stefano Aragona, II Edition Rhegion Chief

Ecological and Urban Planning Transition, for the 90th anniversary of the National Institute of Urban Planning - INU: from paradigms to the ecological approach

Chairs: Fabiola Fratini - University of Rome La Sapienza, Stefano Aragona - II Edition Rhegion Chief

- Costa Rica: *an exemplary path of ecologically sustainable territory*
- Michele Talia, President of the National Institute of Urban Planning - INU, *Looking for new ways*
- Vincenzo Linarello, President of 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*
- Domenico Condello, President of the Order of Engineers of the Province of Reggio Calabria
- Raphaelle Thiollier, Direction des Affaires Scolaires, Paris, *The Oasis Cours d'Ecole 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*

4,15 - 5,45 pm

Ecological Transition and National Recovery and Resilience Plan - PNRR: more opinions compared

Chairs: Gabriella Pultrone - Mediterranea University of Reggio Calabria, Stefano Aragona - II Edition Rhegion Chief

- Kenya: *Which sustainability?*
- Adriano Giannola, President of the Association for the development of industry in Southern Italy – SVIMEZ, *Climate and energy transition, sustainability, mobility: role of the South in the EU context for sustainable development and decarbonisation*
- 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, Mediterranea University 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, ISPRA, co-coordinatrice Gol 11, Italian Alliance for Sustainable Development - ASviS, *Territories and sustainable development objectives: natural and anthropogenic risk*

6,00 - 7,30 pm

Transition Ecology as Climate Emergency for the Territories, The time to act is now

Chairs: Francesca Assennato - ISPRA, Stefano Aragona - II Edition Rhegion Chief

- 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 - ISPRA
- Futuridea - Innovazione Utile e Sostenibile: *Local and Gobal and Local Sustainability*
- Consuelo Nava, Mediterranea University of Reggio Calabria
- Francesco Miceli, President of the National APPC

May 26th, 2022

Presentation of the published papers by Springer

Keys to reading as an opportunity for the territory

It is interesting to see how the topics of environmental and social sustainability have been addressed in the various papers. And like all of them, however, they have a common feature: the interconnection between the different aspects addressed. This is in line with the *United Nations Agenda 2030* philosophy which, expressly stated in the last Goal, calls for a partnership between all the previous Goals.

The reference topics, for operational reasons, were divided as follows: “Scenarios of territories between cities and villages for the ecological transition”, “The ecological transition into the existing: challenges for the ancient and modern heritage”, “Energy Communities, Territory, Re-forestation, Water in the ecological transition: participation and monitoring”, and “Small local steps essential for the ecological transition”.

4.30 – 5.30 pm

1. Scenarios of Territories between Cities and Villages for the Ecological Transition

Chair: Sandro Fabbro - University of Udine, Francesca Silvia Rota - Univeristy of Turin

<http://www.nmp.unirc.it/wp-content/uploads/2021/11/FS-RH01.pdf>

1. *Ecopolis vs Megacity: a post-crisis regional-urban vision towards 2050* by Sandro Fabbro
2. and *Ecological transition and planning strategies*, author Stefano Aragona, offer basic considerations and structural proposals relating to the ecological transition.
3. Scenarios that in *Big Data and Cultural Heritage*, by Vincenzo Barrile and Ernesto Bernardo, have a very interesting contribution on the relationship between digital technological innovation and the necessary change of mentality.
4. Change of mentality that Rossella Marzullo faces in the essay *Rethinking the South in humanistic, social and pedagogical perspective. Rethinking the relationship between local and global*. Particularly interesting in declining the topic by emphasizing the specificities of the southern anthropological context.

5.30 – 6.30 pm

2. The Ecological Transition into the Existing: Challenges for the Ancient and Modern Heritage

Chair: Paolo Salonia - ISPC CNR & ICOMOS, Gabriella Pultrone - Mediterranea University of Reggio Calabria

<http://www.nmp.unirc.it/wp-content/uploads/2021/11/FS-RH02.pdf>

5. Theme considered, more broadly and attentively to spatial and urban planning issues, by Fernando Verardi in the paper *Rethinking new communities. Moving towards a science of cities*.
6. Argument then deepened in rural villages that are – or can become – smart as Gabriella Pultrone writes in *Combining the Ecological and Digital Transitions: Smart Villages for New Scenarios in the EU Rural Area*.
7. And that Maria Rossana Caniglia treats from the historical point of view and suggests some possible hypotheses of new developments of sustainable anthropization in her contribution *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*.
8. To then come to the description of the scenario proposed by Nunzio Bruno Palermo in his *Hypothesis of Recovery And Redevelopment in the Territories of the Stilaro*, whose valley was the site of important industrialization in the Bourbon era.

6.30 – 7.30 pm

3. Energy Communities, Territory, Re-forestation, Water in the Ecological Transition: Participation and Monitoring

Chair: Fabiola Fratini – University Sapienza of Rome, Stefano Aragona - Mediterranea University of Reggio Calabria

<http://www.nmp.unirc.it/wp-content/uploads/2021/11/FS-RH03.pdf>

In the Ecological Transition, water is of great importance. Its role in relation to climate change and as an essential resource is fundamental. Cities have had energy from it and it has been, and is, one of the main communication modality. In relation to it, they have been built and can be rebuilt as

9. Carmela Mariano writes in *Climate-proof planning: water as engine of urban regeneration in the ecological transition era* and
10. Irene Poli with Paola Imbesi emphasize in their paper *Green Infrastructures and Water Management. Urban regeneration strategies to face global change*. In these writings the urban and social aspect begin to emerge with ever more force and are present also in
11. *Climate Change and "local Nature Based Solution" towards resilience*, essay focussed on an holistic approach in town planning by Fabiola Fratini.

The last two writings deal in a more technological way of the possible, and necessary change, for reasons of sustainability, of buildings and urban centers.

12. The first, *Reversible Building Technologies and Unconventional materials for the Circular and Creative reuse of Small Centers* by Francesca Giglio, Sara Sansotta, and Evelyn Grillo, contextualizes the topic in small towns and suggests the use of particular materials, also with the involvement of population.
13. Citizens who are also the actors of the *Application of crowd sensing for sustainable management of smart cities* by Ilaria Pigliautile and Myriam Carraù, essay in which, thanks to their involvement, there can be various uses of smart services useful for their well-being.

In conclusion, it should be emphasized that the topics covered are all present in the *National Recovery and Resilience Plan* in which *greenery* and *digitization* constitute the basic philosophy, even if in it lacks an overall strategic vision of the territory and the city.

II Edition Rhegion UN 2030 INFORMATION

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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*

<http://www.nmp.unirc.it/wp-content/uploads/2021/11/FS-RH.pdf>

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). That is the digital transition an opportunity already present since the beginning of the 90s see "La città virtuale. Trasformazioni urbane e nuove tecnologie dell'informazione": <https://www.youtube.com/watch?v=jPgW6S5r6jY>. 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*.

The Ministry of the Ecological Transition - MiTE, the European Regional Science Association - ERSA, the Association for the development of industry in Southern Italy - SVIMEZ, the National Institute of Urban Planning - INU, the Society of Territorialists - SdT, the National Union of Municipalities and Mountain Authorities - UNCEM, the Network of Universities for the Sustainable Development - RUS, the National Council of Engineers - CNI, of the National Agency for New Technologies, Energy and Economic Development - ENEA, the Italian Institute for Environmental Protection and Research - ISPRA, the Italian Alliance for the Sustainable Development - ASviS, the Association Biennial of the Public Space - APS, the Order of Engineers and the Order of Architects, Planners, Landscape Architects, Conservators of the Province of Reggio Calabria, the PhD. in Architecture, and Confindustria Reggio Calabria have already granted their patronage to the Event, waiting for others as the National Council of Architects, Planners, Landscape Architects, Conservators - APPC.

The Event and the Call for papers was on the website of the European Regional Science Association - ERSA, the National Institute of Town planning - INU, the Network of the Universities for the Sustainable Development – RUS, the National Council of Engineers

<https://ersa.org/events/nmp2022-rhegion-united-nation-2030/>

<https://www.inu.it/news/rhegion-united-nations-2030-call-for-paper-aperto-fino-al-17-dicembre-l-inu-patrocina/>

<https://reterus.it/bandi-e-opportunita/>

<https://www.cni.it/media-ing/news/226-2021/3818-rhegion-united-nations-2030-call-for-paper-aperto-fino-al-30-dicembre>

<http://www.nmp.unirc.it/focus-sessions/>

II Edition Rhegion UN 2030 Scientific working group

Stefano Aragona (Coordinator) - Department Heritage, Architecture, Town Planning - PAU, Mediterranean University of Reggio Calabria; Eng., Ph.D., Researcher in Town Planning, Master of Science in Economy & Policy Planning, Delegate of the Mediterranean University of Reggio Calabria at the Universities for the Sustainable Development Network - RUS, Elected member of the Coordination Committee of the RUS, Delegate for Relations with National and International Networks

Gabriella Pultrone - Department Architecture and Territory - dArTe, Mediterranean University of Reggio Calabria. 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 - Geological Survey of Italy, Italian Institute for Environmental Protection and Research - ISPRA. PhD in Energy and environment. Head of Land Monitoring Unit. Geological Survey of Italy - ISPRA. Responsible for ISPRA in relevant EU funded projects (H2020 EJP SOIL, Nellife4drylands). Main topics: land monitoring, impacts of urbanization, land degradation and desertification, ecosystem services, land use planning, urban regeneration

Sandro Fabbro - Polytechnic Department of Engineering and Architecture - DPIA, University of Udine 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 - Faculty of Engineering “Sapienza” Rome University, Department Civil Construction and Environmental Engineering – DICEA. 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). She is author of papers on this subject: "Oasi Verdi a San Lorenzo (Roma)

Francesca Silvia Rota - University of Turin, RdTB in Geography. Before researcher at National Research Council, Research Institute on Sustainable Economic Growth - 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 - Director of Research associate of Institute Sciences Cultural Heritage – ISPC CNR, ICOMOS IT Advisor and Executive Board Member, Roma
Architect, former Director of the Institute for Technologies Applied to Cultural Heritage of the National Research Council, with more than 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.

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