III Edizione La Mediterranea e lo Sviluppo Sostenibile

Territorio e Clima, Energia, Acqua, Cibo: dall'Emergenze allo Sviluppo Ecologico Integrato

Energia e Territorio: Tra Comunità Energetiche, produzione diffusa e Comunità locali, Green Communities

Introduzione: ***Massimo Lauria***, Prorettore Delegato per la Ricerca e trasferimento tecnologico, Università Mediterranea di Reggio Calabria

Presiede: ***Stefano Aragona***, Dipartimento PAU, Università Mediterranea di Reggio Calabria

Interventi:

- **Marco Bussone**, Presidente Unione Nazionale Comuni Comunità Montane - UNCEM
- **Vincenzo Linarello**, Presidente Gruppo Cooperativo GOEL
- **Anna Parretta**, Presidente Legambiente Calabria: *La strada delle rinnovabili come strumento per combattere le crisi in atto*
- **Giuseppe Mangano**, ABITAlab dArTe, Università Mediterranea di Reggio Calabria: *Le Comunità Energetiche Rinnovabili per le Green Communities*
- **Roberta Lombardi**, Assessore alla Transizione Ecologica, Regione Lazio
- **Francesca Assennato**, Istituto Superiore per la protezione e la ricerca ambientale – ISPRA: *Questa terra è la mia terra*
- **Carmine Trecroci**, Comitato di Coordinamento della Rete delle Università per lo Sviluppo Sostenibile - RUS: *Metodi e strategie per la sostenibilità a scala territoriale*
- **Fabiola Fratini**, DICEA, Università Sapienza Roma: *Microforeste e scuole per raccogliere la sfida dei cambiamenti climatici*
- **Oriana Schembari, Natalina Carrà**, *Laboratorio di progettazione esperienziale e di innovazione culturale O_S(i)amoLAB: Processi partecipativi per la rivitalizzazione delle comunità*
- **Armando Zambrano**, Presidenti Consiglio Nazionale Ingegneri – CNI

Goal 7 - Energia pulita e accessibile, Goal 11 - Città e comunità sostenibili
Goal 12 - Consumo e produzione responsabili, Goal 13 - Lotta contro il cambiamento climatico

13 ottobre 2022, Ore 16,00 - 18,00

In presenza, Aula 11, Università Mediterranea di Reggio Calabria, streaming:
https://us06web.zoom.us/j/82620418058?pwd=ajdlUTFLWFZNeG8zbzcyMFR0dlphUT09
ID Riunione: 826 2041 Passcode: 8058 23194

DIPARTIMENTO PAU

MASTER
VALUTAZIONE E PIANIFICAZIONE STRATEGICA DELLA CITTA' E DEL TERRITORIO

II LIVELLO A.A. 2021/2022

Direttore: Francesco Calabrò
Responsabile Scientifico: Giuseppe Fera
CTG: Giovanni Leonardi, Gabriella Esposito De Vita, Sergio Vasarri

Introducono

Francesco Calabrò, Direttore del Master
Giuseppe Fera, Responsabile Scientifico del Master

TRANSIZIONE ENERGETICA, INNOVAZIONE TECNOLOGICA E GREEN COMMUNITIES

PARTE I

1. CONSUELO NAVA
Università Mediterranea di Reggio Calabria
TRANSIZIONE ENERGETICA E TECNOLOGIE EMERGENTI PER LE CITTÀ

GIUSEPPE MANGANO
Università Mediterranea di Reggio Calabria
LE COMUNITÀ ENERGETICHE RINNOVABILI E LE GREEN COMMUNITIES

ANTONINO ARICÒ
Direttore CNR ITAE Messina
NUOVI SVILUPPI PER LE TECNOLOGIE ALL'IDROGENO VERDE

FELICE ARENA
Università Mediterranea di Reggio Calabria
ALCUNE SOLUZIONI INNOVATIVE NELLA BLUE GROWTH

07 OTTOBRE • 2022

ORE 09:00 - 13:30

ONLINE
per il link contattare
angela.vigilanisi@unirc.it

New Metropolitan Perspectives

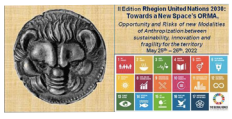
5TH INTERNATIONAL SYMPOSIUM

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



FS-TR04
CITIES AS RESILIENCE "MACHINES": DRIVING THE URBAN TRANSITION

FS

Thursday 26th May 9.00 - 11.00 / 11.30 - 13.30
UNIRC - Architecuture 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 Peripherical 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 Felicidades 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 AppliedEconomics, 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 regionaldevelopment.

Università Mediterranea
Via dell'Università 25
Reggio Calabria, Italy

www.nmp.unirc.it
nmp@unirc.it
LinkedIn/nmp2022

FS-RH03
ENERGY COMMUNITIES, TERRITORY, RE-FORESTATION, WATER IN THE ECOLOGICAL TRANSITION: PARTICIPATION AND MONITORING

Keywords: Diffused Energy; Actress Water; Ecological Territories.

Many activities can take place „remotely", energy can be produced locally, and this even sold. From many, also abandoned, places that draw the landscape, a great wealth especially of Italy. The usefulness of greenery, in relation to the improvement of climatic conditions, is increasingly emerging: one of the few commitments of the COP26 Conference in Glasgow (2021), is that relating to re-forestation both on a territorial and urban scale. Element connected to the relationship with water which is both an opportunity – think of River Contracts or hydroelectricity – and risk. Both have management as a key element and where citizen participation is essential. Leading actors of the Energy Communities introduced by the EU in 2018, a significant opportunity for them - for their communities - to be no longer just consumers but also producers or "prosumers": potentially a great turning point in energy democratization. Considering all of these issues in an integrated way – as required by the *UN 2030 Agenda for Sustainable Development* – these choices can increase the resilience of territories and communities to climate change.

CHAIRS

Stefano Aragona - Dep. Pau, University Mediterranea of Reggio Calabria
Eng., Ph.D., Researcher in Town Planning, Master of Science in Economy & Policy Planning, Delegate of the University Mediterraneaof Reggio Calabria at the Universities for the Sustainable Development Network – RUS.

Francesca Assennato - Geological Survey of Italy, Institute for environmental protection and research (ISPRA)
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 (H2020 EJP SOIL, Nellife4drylands). Main topics: land monitoring, impacts of urbanization, land degradation and desertification, ecosystem services, land use planning, urban regeneration.