

1st FutureMed Workshop & Training School

29th September to 3rd October – Chania, Crete



TRAINING SCHOOL PROGRAMME

Monday 29 September

| Time | Activity |
|---|--|
| 09:00 – 09:30 | Introduction (P. Patlakas and E. Flaounas) |
| 09:30 – 10:15 | Lecture 1 - Climate change: from the attribution of extreme weather events to impacts on society (D. Faranda, C. Salvador) |
| 10:15 – 10:45 | Coffee Break + Networking + Posters |
| 10:45 – 11:30 | Lecture 2 - Climate Adaptation: Challenges, Tools, and Pathways (E. Savelli) |
| 11:30 – 12:15 | Lecture 3 - Social data and behavioural modeling for climate change resilience (S. Ricart) |
| 12:15 – 13:00 | Lecture 4 - Economic Evaluation of Climate Risks: Frameworks, Stakeholder Perspectives, and Strategic Adaptation (S. Quiroga, C. Suárez, V. Hernanz) |
| 13:00 – 14:00 | Lunch Break |
| 14:00 – 15:00 | Workshop Opening Ceremony <ul style="list-style-type: none">• Regional Representative• FutureMed: A transdisciplinary network to bridge climate science and impacts on society (S. Khodayar) |
| SESSION 1: Climate Extremes, Risk, and Impacts on Landscapes in the Mediterranean Chairs: D. Faranda, C. Salvador | |
| 15:00 – 15:45 | European state of the climate: Extremes in the Mediterranean region (invited) <i>S. Burgess</i> |
| 15:45 – 16:30 | Round Table Discussion Mediterranean Climate Extremes: From Understanding to Anticipation Participants: S. Burgess, G. Konstantinoudis, A. Rhouma, D. Faranda (chair) |
| 16:30 – 17:15 | Coffee Break + Networking + Posters |
| 17:15 – 17:35 | O1.1 - Understanding the 2022 - 2024 Mediterranean Droughts: Climatic Drivers and Regional Impacts <i>V. Murphy</i> |
| 17:35 – 17:55 | O1.2 - Assessing mortality risk patterns associated with droughts in a multi-location study <i>C. Salvador</i> |

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| 17:55 – 18:15 | O1.3 - Integrating Planetary Health and Nature-Based Solutions: Assessing the Impacts of Traffic-Related Air Pollution on Human and Plant Health in Urban Forests <i>C. Sirignano</i> |
| 18:15 – 18:35 | O1.4 - Floods in Europe, the Mediterranean, North-Africa, and the Middle East: their socio-economic impacts, consequences, and perception <i>M. Coleman</i> |
| 18:35 – 18:55 | O1.5 - Assessing the impacts of extreme temperature events on energy systems in France <i>A. Akakpo-Numado</i> |
| 19:00 | Ice breaker |

Tuesday 30 September

| Time | Activity |
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| SESSION 1: Climate Extremes, Risk, and Impacts on Landscapes in the Mediterranean Chairs: Davide Faranda, Coral Salvador | |
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| 09:00 – 09:45 | Rapid attribution of heatwave health burden to human-induced climate change (invited) <i>G. Konstantinoudis</i> |
| 09:45 – 10:05 | O1.6 - Marine and atmospheric heatwaves concurrence: a major impact of climate change <i>L. Paredes-Fortuny</i> |
| 10:05 – 10:25 | O1.7 - Unravelling drivers of the future Mediterranean precipitation paradox during cyclones <i>M. Chericoni</i> |
| 10:25 – 10:45 | O1.8 - Towards an impact-based approach to the detection of analogues: the case study of Emilia-Romagna floods in May 2023 <i>V. Lembo</i> |
| 10:45 – 11:05 | O1.9 - High-Resolution Projections of Wind Energy Potential for Sustainable Planning in the Eastern Mediterranean <i>A. Hochman</i> |
| 11:05 – 11:25 | O1.10 - Wikimpacts 1.0: A new global climate impact database based on automated information extraction from Wikipedia <i>N. Li</i> |
| 11:30 – 12:00 | Coffee Break + Networking + Posters |

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SESSION 2: Pathways for Just and Sustainable Adaptation

Chairs: A. Koutroulis, E. Savelli

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| 12:00 – 12:45 | Adaptation is essential, but is it enough? (invited) <i>L. Schipper</i> |
| 12:45 – 13:30 | Round Table Discussion Pathways for Just and Sustainable Adaptation: Tools, Policies, and Practices for Resilient Mediterranean Futures Participants: L. Schipper, M. Salvia, F. Pietrapertosa, E. Savelli (chair) |
| 13:30 – 14:30 | Lunch Break |
| 14:30 – 14:50 | O2.1 - The quality and consistency of urban climate adaptation plans in 327 European cities <i>M. Salvia</i> |
| 14:50 – 15:10 | O2.2 - Quality check of urban adaptation plans for more effective policies <i>F. Pietrapertosa</i> |
| 15:10 – 15:30 | O2.3 - Flood adaptation and resilience in urban systems <i>A. Rezvani</i> |
| 15:30 – 15:50 | O2.4 - Pastoral Livelihoods and Adaptive Strategies under Climate Stress in Semi-Arid Regions <i>N. Esenbuga</i> |
| 15:50 – 16:10 | O2.5 - Climate Adaptation tools under scrutiny: risks to just and sustainable adaptation in the Mediterranean <i>M. Tasic</i> |
| 16:15 – 17:00 | Coffee Break + Networking + Posters |
| 17:00 – 17:20 | O2.6 - Beyond the technology fix: what humanitarian and development practitioners are learning about climate adaptation in the MENA region <i>E. Savelli</i> |
| 17:20 – 17:40 | O2.7 - Migrant Farmwork in a Changing Climate: Problematising mal/adaptation at the nexus of precarity and migration <i>S. Kavak</i> |
| 17:40 – 18:00 | O2.8 - Combating Energy Poverty with Heating System Transition in Edirne: A Just and Sustainable Adaptation? <i>H. Barlin</i> |
| 18:00 – 18:20 | O2.9 - Adaptation strategies to heat waves: Assessing the economic impacts on agricultural labour <i>S. Tragetti</i> |
| 18:20 – 18:40 | O2.10 - Evaluation of adaptation actions for tourism sector in the mediterranean region of Turkiye <i>U. Çalışkan</i> |

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Wednesday 1 October

| Time | Activity |
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| SESSION 3: Participatory Decisions and Inclusive Resilience Chair: Sandra Ricart | |
| 09:00 – 09:45 | Stakeholder engagement, capacity building, and the nexus cluster to enhance climate change adaptation (invited) <i>S. Caucci</i> |
| 09:45 – 10:30 | Round Table Discussion A roadmap to ethical, trusted, and permanent stakeholder engagement process Participants: S. Caucci, M. Tanarthe, S. Quiroga, S. Ricart (chair) |
| 10:30 – 11:15 | Coffee Break + Networking + Posters |
| 11:15 – 11:35 | O3.1 - Municipal Risk Reduction Plans as Strategies for Climate and Territorial Justice: Lessons from Ilhéus, Brazil <i>F. Luna</i> |
| 11:35 – 11:55 | O3.2 - Institutionalizing Climate Action in Top Turkish Universities: A Comparative Document Analysis through the Lens of Institutional Theory <i>E. Cemek</i> |
| 11:55 – 12:15 | O3.3 - University Students as Climate Stakeholders: Insights on Local Policy Participation in Türkiye <i>F. Yaman</i> |
| 12:15 – 12:35 | O3.4 - Assessing Farm Resilience to Climate Change: Insights from Field-Based Analysis <i>M.N. Mencet</i> |
| 12:35 – 12:55 | O3.5 - Perceptions and Adaptation Strategies to Climate Change among Apple Producers in the West Mediterranean Region of Türkiye <i>B. Kadakoğlu</i> |
| 13:00 – 14:30 | Lunch Break |
| 14:30 – 14:50 | O3.6 - The Land Use-Climate Change-Biodiversity Nexus in European Islands Stakeholders <i>A. Moustakas</i> |
| 14:50 – 15:10 | O3.7 - Co-Mapping Vulnerability to Climate Gentrification in the Context of Urban Heat: A Participatory Index at the Metropolitan Scale <i>A. Calderón-Argelich</i> |
| 15:10 – 15:30 | O3.8 - Participatory Sensory Methods for Inclusive Climate Decision-Making <i>J. Panáková</i> |

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| 15:30 – 15:50 | O3.9 - Integrated Forecasting and Warning System for Hydro-Meteorological Risk in Abruzzo Region: A Tool for Climate Resilience <i>L. di Giannateo</i> |
| 15:50 – 16:10 | O3.10 - Implementing Environmental Sustainability in Malta's Main Tertiary Hospital <i>J. Ghigo</i> |
| 16:15 – 17:00 | Coffee Break + Networking + Posters |
| Session 4: Economic Evaluation of Climate Risks: Frameworks, Stakeholder Perspectives, and Strategic Adaptation Chairs: S. Quiroga, V. Hernanz | |
| 17:00 – 17:20 | Socio-Economic Benefits Analysis: a WMO AG-SEB perspective <i>S. Quiroga</i> |
| 17:20 – 17:40 | Strategic-business adaptation: A Firm's perception on climate risk management <i>V. Hernanz</i> |
| 17:40 – 18:00 | Measuring stakeholders' acceptability of climate policies: A spatial econometric perspective <i>C. Suárez</i> |
| 18:00 – 18:30 | FutureMed Roadmap & Closing Discussion |

Thursday 2 October

| Time | Activity |
|---------------|--|
| 09:00 – 09:45 | Lecture 5 - Global Climate Governance: The Role of International Institutions and Policy Frameworks (M. Tanarthe) |
| 09:45 – 10:30 | Lecture 6 - New Approaches to Food Production and Rural Development under Climate Change (F.H. Giray) |
| 10:30 – 11:15 | Coffee Break + Networking + Posters |
| 11:15 – 13:00 | Hands-On Training |
| 13:00 – 14:30 | Lunch Break |
| 14:30 – 16:00 | Hands-On Training |
| 16:00 – 16:30 | Coffee Break + Networking + Posters |
| 16:30 – 18:00 | Hands-On Training |

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Friday 3 October

| Time | Activity |
|---------------|-------------------------------------|
| 09:00 – 10:30 | Preparing presentations |
| 10:30 – 11:15 | Coffee Break + Networking + Posters |
| 11:15 – 13:00 | Preparing presentations |
| 13:00 – 14:30 | Lunch Break |
| 14:30 – 16:00 | Student Presentations |
| 16:00 – 16:30 | Coffee Break + Networking + Posters |
| 16:30 – 18:00 | Student Presentations |