



22 February | 09.30 - 13.00



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LifeWatch ERIC Thematic Service Workshop

Ecological Responses to Climate Change: Implications on Human Well-being

		21 February
•	14.00 - 14.15	Welcome and Introduction to LifeWatch Thematic Core Service (TCS) by Antonello Provenzale (CNR) and Alberto Basset (University of Salento)
•	14:15 – 14:45	Individual Metabolic Responses to Climate Warming Depend on Biological and Ecological Context by Doug S. Glazier (Juniata College, USA; Online)
	14:45 – 15:00	Discussion
•	15:00 – 15:15	Using Artificial Intelligence for estimating the Responses of coastal lagoons to Climate Change by Piero Lionello (University of Salento; In-Person)
•	15:15 – 15:30	Energetic and Behavioral Responses of Aquatic Ectotherms to Projected Climate Change by Milad Shokri (University of Salento; In-Person)
•	15:30 – 15:45	Climate Change Effects on Animal Presence in the Massaciuccoli Lake Basin by Gianpaolo Coro (CNR; Online) e/o Pasquale Bove (CNR; In-Person)
•	15:45 – 16:00	Empowering Environmental Science and Climate Change Study with DataLabs: LifeWatch's Collaborative Coding Platform for Biodiversity and Ecosystem Research by Francesco De Leo (CNR, In-Person)



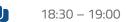


21 February | 14.00 - 19.00 **22 February** | 09.30 - 13.00



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	16:00 – 16:15	Discussion
<u>"</u>	16:15 – 16:45	Coffee Break
•	16:45 – 17:00	Ecological Resilience of Mediterranean Forests to Climate Change and Wildfires by Mara Baudena (CNR; Online)
•	17:00 – 17:15	Cellular Automata Models for Wildfire-Vegetation Interaction by Paolo Fiorucci (Cima Research Foundation; In-Person)
•	17:15 – 17:30	A Vegetation Simulation Platform in a Global Change Context by Alessio Collalti (CNR; Online)
	17:30 – 17:45	Discussion
•	17:45 – 18:00	Identifying the environmental drivers of carbon fluxes - a step to assess climate change impacts on ecosystems by Marta Magnani (CNR; online)
•	18:00 – 18:15	Modelling of Soil Organic Carbon dynamics in wetlands by Carmela Marangi (CNR; In-Person)
•	18:15 – 18:30	Monitoring aquatic primary producers response to Climate Change: The Phytoplankton VRE by Jessica Titocci (CNR; In-Person)



BO – 19:00 **Discussion and Conclusion**





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09:30 - 10:00

Wrap-up

by Alberto Basset and Antonello Provenzale



10:00 - 11:00

Topic 1

What is Already in Place in Terms of Services (Within and Outside of LifeWatch ERIC)?

Topic 2

Community's Needs and Requirements: How Can We Identify These?



11:00 - 11:30

Coffee break



11:30 - 12:30

Organising the Ecological responses to climate change working group

Topic 3
 Launch and lines of operation

Topic 4

Collaborations and Project Research Initiatives



12:30 - 13:00

Closing Remarks and Future Directions

Summarise key insights from the workshop and discuss potential avenues for future collaborations and research initiatives.