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UNIVERSITÀ DEGLI STUDI
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AcegasApsAmga

*Combined monitoring and forecast for a sustainable management
of water resources and timely adaptation to drought*



MID-TERM WORKSHOP

4 September 2025

Venue

Aula Magna, Engineering Campus, Via Goffredo Duranti 93, 06125, Perugia

https://teams.microsoft.com/l/meetup-join/19%3ameeting_N2Y3NDA1ODQtZjU3Yy00ZWlyLTlkNjAtMDE3ZDY5MjFiOWFh%40thread.v2/0?context=%7b%22Tid%22%3a%22067e7d20-e70f-42c6-ae10-8b07e8c4a003%22%2c%22Oid%22%3a%22b8291539-b462-49ce-a833-8a2c841b7fc2%22%7d



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Meeting Agenda

14:15-14:30	Welcome & Registration	
First session		
14:30-14:35	Welcome speech	Giovanni Gigliotti Head of the Department of Civil and Environmental Engineering, University of Perugia (UNIPG), Italy
14:35-14:50	MORE4WATER Mid-Term: Objectives, Progress, and the Road Ahead – From Vision to Measurable Impact	Silvia Meniconi UNIPG, Italy
14:50-15:00	Design and Construction of the MORE4WATER Datalogger: Architecture, Sensors, Power Management and Deployment	Pedro Ramos Instituto de Telecomunicações (IT), Portugal
15:00-15:10	First Measurements from Villaverla Aquifer managed by ACEGASAPSAMGA and next steps	Alessio De Angelis UNIPG, Italy
15:10-15:20	Reconstructing Lake Level Changes from Reanalysis Data: Applications of the AQUILA Approach	Bruno Brunone, Paolina Bongioannini Cerlini, and Miriam Saraceni UNIPG, Italy
15:20-15:30	Integrating Ground Sensors with ERA5: AQUILA-Based Monitoring of the Villaverla Aquifer	Andrea Rubin and Gregorio Gazzetta ACEGASAPSAMGA, Italy Bruno Brunone, Paolina Bongioannini Cerlini, and Miriam Saraceni UNIPG, Italy
15:30-15:40	Seasonal Water Table Elevation Forecasting in Shallow Unconfined Aquifers: Advancing Climate Resilience	Bruno Brunone, Paolina Bongioannini Cerlini, and Miriam Saraceni UNIPG, Italy



15:40-15:50	Integrated Modeling of Water Demands and Hydraulic Networks for Irrigation Performance Assessment: First Insights from the AFOR-Managed Pilot System.	Lorenzo Vergni UNIPG, Italy
15:50-16:00	Water distribution system management and pressure optimization	Caterina Capponi UNIPG, Italy
16:00-16:10	Legal framework for transboundary groundwater governing the Guarani Aquifer	Carla Piffer UNIVALI, Brazil
16:10-16:20	Legal Perspectives on the Allocation of Water Resources in a Context of Water Scarcity	Simone Vezzani, UNIPG, Italy
16:20-16:30	Toward an intercultural governance of water: the guardianship model	Maria Chiara Locchi and Jacopo Paffarini UNIPG, Italy
16:30-16:40	From Markets to Communities: Monitoring and Evaluating the Project's Impact	Simona Bigerna, Maria Chiara D'Errico, Silvia Micheli, and Paolo Polinori UNIPG, Italy
16:40-16:50	Connecting Science and Society: Dissemination Strategies in MORE4WATER project	Gianluca Rossi and Dionisio Capuano TUCEP, Italy
16:50-17:00	The Role of AcegasApsAmga in Driving Research and Innovation in Water Management and Environmental Services	Andrea Rubin ACEGASAPSAMGA, Italy
17:00-17:40	<p>Coffee Break with Musical Performance – curated by TUCEP <i>at the Water Engineering Laboratory, UNIPG</i></p> <p>Invisible Boundaries – Soundscapes for Liquid Ecosystems Marco Bandera – handpan Gianluca Bibiani – accordion Digital design and patterns by Alessandro Picciafuochi</p>	



*Second session: **Synergies with Related National and International Projects***

17:40-17:50	RIMU CLIMA project <i>ERDF PROGRAMME 2021–2027 OF THE UMBRIA REGION</i>	Paolina Bongioannini Cerlini UNIPG, Italy Marco Stelluti and Sandro Costantini Regione Umbria, Italy
17:50-18:00	TANDEM project <i>PRIN 2022</i>	Caterina Capponi UNIPG, Italy
18:00-18:10	AQUIGROW project <i>WATER4ALL 2022</i>	Matteo Camporese University of Padua, Italy Christian Massari CNR IRPI, Italy
18:10-18:20	ECO-PoLeIS project <i>ERASMUS JEAN MONNET</i>	Jacopo Paffarini UNIPG, Italy
18:20-19:00	<i>MORE4WATER Executive Board meeting</i>	
19:00-19:40	<i>MORE4WATER General Assembly meeting</i>	
20:30	Gala dinner at Ristorante Giò (Perugia)	

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