

# Conference Agenda

## Session Overview

**Date: Monday, 03/June/2024**

9:00am - 12:30pm	<b>Master class - Machine Learning Approaches for Hydrologic Modeling</b> Location: <b>Room 5</b> Convener: <b>Ramesh Teegavarapu</b>	<b>Master class - Web-based numerical modelling of managed aquifer recharge applications</b> Location: <b>Room 6</b> Convener: <b>Catalin Stefan</b>	<b>Reception and registration</b> Location: <b>Reception hall</b>
9:30am - 6:00pm	<b>IAHR Council Meeting</b> Location: <b>Room 3</b>		
10:30am - 11:00am	<b>Coffee Break</b> Location: <b>Reception hall</b>		
12:30pm - 2:00pm	<b>Lunch</b> Location: <b>Cuama pavillion</b>		
2:00pm - 5:30pm	<b>Master class - CFD modeling of hydraulic structures with OpenFOAM</b> Location: <b>Room 5</b> Convener: <b>Arnau Bayón</b>	<b>Master class - Teaching and working in the cloud with Copernicus products: A hands-on tutorial for learning the usefulness of cloud computation for collaboration and teaching on a study case</b> Location: <b>Room 6</b> Convener: <b>Juan Pablo García Montealegre</b> Convener: <b>Manuel del Jesus</b>	<b>Reception and registration</b> Location: <b>Reception hall</b>

Date: Tuesday, 04/June/2024

8:30am - 9:30am	<b>Reception and registration</b> Location: <a href="#">Reception hall</a>					
9:30am - 10:30am	<b>Opening Ceremony</b> Location: <a href="#">Main Auditorium</a> Note: This session will be streamed in the Amphitheater.					
10:30am - 11:00am	<b>Coffee Break</b> Location: <a href="#">Reception hall</a>					
11:00am - 12:30pm	<b>Keynote Lecture: River bars and meanders - from the lab to the real world by Ana Maria da Silva</b> Location: <a href="#">Main Auditorium</a> Chair: <b>Jorge Matos</b> Chair: <b>Francisco Taveira-Pinto</b> Ana Maria da Silva, Professor and Head, Department of Civil Engineering, Queen's University, Canada Note: This session will be streamed in the Amphitheater.			<b>Keynote Lecture: Challenges in coastal climate change adaptation by Íñigo J. Losada</b> Location: <a href="#">Main Auditorium</a> Chair: <b>Jorge Matos</b> Chair: <b>Francisco Taveira-Pinto</b> Íñigo J. Losada, IH Cantabria Research Director, Coastal Engineering Professor, University of Cantabria, Spain Note: This session will be streamed in the Amphitheater.		
12:30pm - 1:30pm	<b>Lunch</b> Location: <a href="#">Cuama pavillion</a>	<b>Poster session</b> Location: <a href="#">Cuama pavillion</a>		<b>TC Chairs/Singapore Meeting</b> Location: <a href="#">Room 2</a>		
12:45pm - 1:30pm	<b>Young Professionals session - How to write a good paper: an Editor's perspective</b> Location: <a href="#">Room 5</a> Speaker: Sandra Soares-Frazão, Associate Editor for Journal of Hydraulic Research, Université Catholique de Louvain - UCLouvain, Belgium					
1:30pm - 3:00pm	<b>THEME A: Aquifers, Rivers, Reservoirs and Dams - Aquifer recharge and groundwater abstraction</b> Location: <a href="#">Small Auditorium</a> Chair: <b>Teresa Leitão</b> Chair: <b>Catalin Stefan</b>	<b>THEME B: Estuaries, Coasts and Ports - Ports and waterways</b> Location: <a href="#">Room 5</a> Chair: <b>Adrian Wing-Keung Law</b> Chair: <b>Liliana Pinheiro</b>	<b>THEME C: Urban Water - SS - Climate change in urban areas - water efficiency and flooding</b> Location: <a href="#">Room 6</a> Convener: <b>Maria João Telhado</b> Convener: <b>Maria do Céu Almeida</b> Convener: <b>Pedro Miguel Teixeira</b>	<b>THEME D: Numerical and Experimental Methods - Hydroinformatics</b> Location: <a href="#">Main Auditorium</a> Chair: <b>José Pedro Matos</b> Chair: <b>Elsa Alves</b>	<b>THEME E: Climate Change and Risk Mitigation - Soft computing for modelling floods and droughts</b> Location: <a href="#">Room 2</a> Chair: <b>Rui Raposo Rodrigues</b> Chair: <b>Luís Mesquita David</b>	<b>THEME F: Governance and Water Resources Management - Aquifers</b> Location: <a href="#">Amphitheater</a> Chair: <b>Vassilios Pisinaras</b> Chair: <b>Manuel Mendes Oliveira</b>
3:00pm - 3:30pm	<b>Coffee Break</b> Location: <a href="#">Reception hall</a>					
3:30pm - 5:30pm	<b>THEME A: Aquifers, Rivers, Reservoirs and Dams - Surface and groundwater hydraulics and hydrology</b> Location: <a href="#">Small Auditorium</a> Chair: <b>Xiaonan Tang</b> Chair: <b>João Fernandes</b>	<b>THEME B: Estuaries, Coasts and Ports - Estuarine and coastal dynamics</b> Location: <a href="#">Room 5</a> Chair: <b>André B. Fortunato</b> Chair: <b>Lucas Enrique Calvo Gobbetti</b>	<b>THEME C: Urban Water - Floods and water scarcity in urban areas</b> Location: <a href="#">Room 6</a> Chair: <b>Rita Salgado Brito</b> Chair: <b>Mohsen Besharat</b>	<b>THEME D: Numerical and Experimental Methods - Computational Methods and physical modelling</b> Location: <a href="#">Main Auditorium</a> Chair: <b>Helena M. Ramos</b> Chair: <b>Jose Falcão Melo</b>	<b>THEME E: Climate Change and Risk Mitigation - Monitoring, and recovering from floods and droughts</b> Location: <a href="#">Room 2</a> Chair: <b>Rodrigo Proença de Oliveira</b> Chair: <b>Ana Margarida Bento</b>	<b>THEME F: Governance and Water Resources Management - Rivers and river basins</b> Location: <a href="#">Amphitheater</a> Chair: <b>Philippe Gourbesville</b> Chair: <b>Teresa Viseu</b>
5:30pm - 7:00pm	<b>Welcome Reception</b> Location: <a href="#">LNEC's gardens</a>					
7:00pm - 8:30pm	<b>Young Professionals Night</b> Location: <a href="#">Lisbon Museum - Pimenta Palace</a> Location: Museu de Lisboa, Palácio Pimenta <a href="#">Further informations</a>					

Date: Wednesday, 05/June/2024

8:30am - 9:00am	<b>Reception and registration</b> Location: <a href="#">Reception hall</a>						
9:00am - 11:00am	<b>THEME A:</b> <b>Aquifers, Rivers, Reservoirs and Dams - Surface and groundwater hydrology and hydrology</b> Location: <a href="#">Main Auditorium</a> Chair: <b>Manuel Mendes Oliveira</b> Chair: <b>Ana T. Silva</b>	<b>THEME B:</b> <b>Estuaries, Coasts and Ports - Coastal monitoring and remote sensing</b> Location: <a href="#">Room 5</a> Chair: <b>Luis Ivens Portela</b> Chair: <b>Diogo Mendes</b>	<b>THEME C:</b> <b>Urban Water - Water and energy</b> Location: <a href="#">Room 6</a> Chair: <b>P. Amparo López-Jiménez</b> Chair: <b>Dídia Isabel Covas</b>	<b>THEME D:</b> <b>Numerical and Experimental Methods - Computational methods</b> Location: <a href="#">Room 2</a> Chair: <b>José M. Carrillo</b> Chair: <b>Lourenço Sasseti Mendes</b>	<b>THEME E:</b> <b>Climate Change and Risk Mitigation - SS - Understanding and assessing compound flood risk in the coastal zone</b> Location: <a href="#">Small Auditorium</a> Chair: <b>Fernando J. Mendez Camus</b> Convener: <b>Fernando J. Mendez</b>	<b>THEME F:</b> <b>Governance and Water Resources Management - Climate change</b> Location: <a href="#">Amphitheater</a> Chair: <b>Maria da Conceição Cunha</b> Chair: <b>Ana Estela Barbosa</b>	
11:00am - 11:30am	<b>Coffee Break</b> Location: <a href="#">Reception hall</a>						
11:30am - 12:15pm	<b>Keynote Lecture: Hydro-environment research on climate change adaptation of water infrastructure by Anastasios I. Stamou</b> Location: <a href="#">Main Auditorium</a> Chair: <b>Roberto Ranzi</b> Anastasios I. Stamou, Professor and Director of the Department of Water Resources and Environmental Engineering, National Technical University of Athens, Greece Note: This session will be streamed in the Amphitheater.						
12:15pm - 1:30pm	<b>IAHR Europe Division Meeting</b> Location: <a href="#">Room 2</a>	<b>Lunch</b> Location: <a href="#">Cuama pavillion</a>		<b>Poster session</b> Location: <a href="#">Cuama pavillion</a>			
1:00pm - 1:30pm	<b>IAHR Young Professionals Meeting</b> Location: <a href="#">Room 5</a>						
1:30pm - 3:00pm	<b>THEME A:</b> <b>Aquifers, Rivers, Reservoirs and Dams - Dams hydraulic design and case studies</b> Location: <a href="#">Main Auditorium</a> Chair: <b>Giovanni De Cesare</b> Chair: <b>Silvia Rute Caleiro Amaral</b>	<b>THEME B:</b> <b>Estuaries, Coasts and Ports - Numerical and experimental methods</b> Location: <a href="#">Room 5</a> Chair: <b>Juana Fortes</b> Chair: <b>Tiago Abreu</b>	<b>THEME C:</b> <b>Urban Water - Nature-based and hybrid drainage systems</b> Location: <a href="#">Room 6</a> Chair: <b>Jürgen Stamm</b> Chair: <b>Catarina Nunes Jorge Benavente</b>	<b>Theme B: SS Energy transition in ports</b> Location: <a href="#">Small Auditorium</a> Convener: <b>Maria Graça Neves</b> Convener: <b>Eduardo Moutinho</b>	<b>THEME D:</b> <b>Numerical and Experimental Methods - Machine Learning</b> Location: <a href="#">Room 2</a> Chair: <b>Gonçalo Jesus</b> Chair: <b>Paulo Diogo</b>	<b>Session Water4All Partnership</b> Location: <a href="#">Noble hall</a>	<b>THEME C:</b> <b>Urban Water - SS - Transient flows in pressurized conduits</b> Location: <a href="#">Amphitheater</a> Convener: <b>David Ferras</b> Convener: <b>Silvia Meniconi</b> Convener: <b>Dídia Isabel Covas</b>
3:00pm - 3:30pm	<b>Coffee Break</b> Location: <a href="#">Reception hall</a>						
3:30pm - 5:30pm	<b>THEME A:</b> <b>Aquifers, Rivers, Reservoirs and Dams - River morphodynamics and sediment transport</b> Location: <a href="#">Main Auditorium</a> Chair: <b>Mário Franca</b> Chair: <b>Maria Bermudez</b>	<b>THEME B:</b> <b>Estuaries, Coasts and Ports - Coastal dynamics</b> Location: <a href="#">Room 5</a> Chair: <b>Sandra Soares-Frazão</b> Chair: <b>Ana Catarina Zózimo</b>	<b>THEME C:</b> <b>Urban Water - Urban water cycle</b> Location: <a href="#">Room 6</a> Chair: <b>Maria Adriana Cardoso</b> Chair: <b>Arnau Bayón</b>	<b>THEME D:</b> <b>Numerical and Experimental Methods - Physical modelling</b> Location: <a href="#">Room 2</a> Chair: <b>Rui Capitão</b> Chair: <b>Rui Reis</b>	<b>THEME E:</b> <b>Climate Change and Risk Mitigation - Climate change and water management</b> Location: <a href="#">Small Auditorium</a> Chair: <b>Roberto Ranzi</b> Chair: <b>Ana Mendonça</b>	<b>THEME F:</b> <b>Governance and Water Resources Management - SS - Examples and proposals for innovative water governance</b> Location: <a href="#">Amphitheater</a> Convener: <b>Julio Berbel</b>	
5:30pm - 6:30pm	<b>IAHR General Members Assembly</b> Location: <a href="#">Main Auditorium</a> Also online: <a href="https://www.iahr.org/index/detail/1374">https://www.iahr.org/index/detail/1374</a>						

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**8:00pm**  
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**10:30pm**

**Conference dinner**  
Location: **Cordoaria Nacional**

## Date: Thursday, 06/June/2024

8:30am - 9:00am	<b>Reception and registration</b> Location: <b>Reception hall</b>					
9:00am - 11:00am	<b>THEME A: Aquifers, Rivers, Reservoirs and Dams - Ecohydraulics</b> Location: <b>Small Auditorium</b> Chair: <b>Katinka Koll</b> Chair: <b>Martin Schletterer</b>	<b>THEME B: Estuaries, Coasts and Ports - Coastal waves</b> Location: <b>Main Auditorium</b> Chair: <b>Francisco Taveira-Pinto</b> Chair: <b>Rute Gomes Lemos</b>	<b>THEME C: Urban Water - SS - Drainage management and control</b> Location: <b>Room 6</b> Convener: <b>Cristina M. Monteiro</b> Convener: <b>Cristina Santos</b>	<b>THEME D: Numerical and Experimental Methods - Physical modelling</b> Location: <b>Room 5</b> Chair: <b>Stefan Haun</b> Chair: <b>Ricardo Jónatas</b>	<b>THEME E: Climate Change and Risk Mitigation - Climate change and water management</b> Location: <b>Room 2</b> Chair: <b>Rodrigo Jorge Maia</b> Chair: <b>Mariana Bernardino</b>	<b>THEME A: Aquifers, Rivers, Reservoirs and Dams - SS - Buoyancy-driven flows</b> Location: <b>Amphitheater</b> Convener: <b>Claudia Adduce</b> Convener: <b>Alan James Stewart Cuthbertson</b> Convener: <b>Janek Laanearu</b>
11:00am - 11:30am	<b>Coffee Break</b> Location: <b>Reception hall</b>					
11:30am - 12:15pm	<b>Keynote Lecture: Challenges and needs to quickly move towards really integrated urban stormwater management by Jean-Luc Bertrand-Krajewski</b> Location: <b>Main Auditorium</b> Chair: <b>Rafaela de Saldanha Matos</b> Jean-Luc Bertrand-Krajewski, Professor, INSA Lyon, France Note: This session will be streamed in the Amphitheater.					
12:15pm - 1:30pm	<b>Lunch</b> Location: <b>Cuama pavillion</b>			<b>Poster session</b> Location: <b>Cuama pavillion</b>		
12:45pm - 1:30pm	<b>Young Professionals session - Best Practices for a public presentation</b> Location: <b>Room 5</b> Speaker: <b>Tiago Fazeres Ferradosa</b> , Associate Professor, Faculty of Engineering - University of Porto, Portugal					
1:30pm - 3:00pm	<b>THEME A: Aquifers, Rivers, Reservoirs and Dams - Reservoir sedimentation and sediment transport</b> Location: <b>Small Auditorium</b> Chair: <b>Rui Ferreira</b> Chair: <b>Elsa Alves</b>	<b>THEME B: Estuaries, Coasts and Ports - Marine renewable energy</b> Location: <b>Main Auditorium</b> Chair: <b>Theofanis Karambas</b> Chair: <b>Tiago Ferradosa</b>	<b>THEME C: Urban Water - Nature-based and hybrid drainage systems</b> Location: <b>Room 6</b> Chair: <b>Maria do Céu Almeida</b> Chair: <b>Miguel Ângelo Costa</b>	<b>THEME D: Numerical and Experimental Methods - Sediment dynamics</b> Location: <b>Room 5</b> Chair: <b>Donatella Termini</b> Chair: <b>Francisco Eduardo Sancho</b>	<b>THEME E: Climate Change and Risk Mitigation - Climate change and water management</b> Location: <b>Room 2</b> Chair: <b>Luis Garrote</b> Chair: <b>Rui Raposo Rodrigues</b>	<b>THEME F: Governance and Water Resources Management - Emerging solutions for water governance</b> Location: <b>Amphitheater</b> Chair: <b>Karin de Bruijn</b> Chair: <b>Alban Kuriqi</b>
3:00pm - 3:30pm	<b>Coffee Break</b> Location: <b>Reception hall</b>					
3:30pm - 5:30pm	<b>THEME A: Aquifers, Rivers, Reservoirs and Dams - Surface and groundwater hydraulics and hydrology</b> Location: <b>Small Auditorium</b> Chair: <b>José Maria Santos</b> Chair: <b>Anna Loboda</b>	<b>THEME B: Estuaries, Coasts and Ports - Water and environmental quality</b> Location: <b>Main Auditorium</b> Chair: <b>Reza Ahmadian</b> Chair: <b>Marta Rodrigues</b>	<b>THEME A: Aquifers, Rivers, Reservoirs and Dams - SS - Dams and large hydraulic schemes</b> Location: <b>Room 6</b> Convener: <b>Teresa Viseu</b> Convener: <b>Jose Falcão Melo</b>	<b>THEME D: Numerical and Experimental Methods - Emerging hydraulic measurement technologies and analysis methods</b> Location: <b>Room 5</b> Chair: <b>Ana Margarida Ricardo</b> Chair: <b>Sílvia Rute Caleiro Amaral</b>	<b>THEME E: Climate Change and Risk Mitigation - SS E3 - Disaster risk management in European rivers and coastal areas</b> Location: <b>Room 2</b> Convener: <b>Paweł M. Rowinski</b> Convener: <b>Anastasios I. Stamou</b>	<b>THEME F: Governance and Water Resources Management - Emerging solutions for water governance</b> Location: <b>Amphitheater</b> Chair: <b>Roberta Padulano</b> Chair: <b>Fernanda Maria Rocha</b>
5:30pm - 6:30pm	<b>Closing session</b> Location: <b>Main Auditorium</b>					

**Date: Friday, 07/June/2024**

<b>8:30am</b> - <b>8:00pm</b>	<b>Technical visit to Alqueva dam and wine tasting</b> Location: <a href="#">Alqueva Dam</a>
<b>9:00am</b> - <b>12:30pm</b>	<b>Technical visit to Águas Livres Aqueduct</b> Location: <a href="#">Aqueduct (Lisbon)</a>
<b>2:00pm</b> - <b>6:00pm</b>	<b>Technical visit to Lisbon Drainage Master Plan</b> Location: <a href="#">Campolide - Lisbon drainage master plan - Drainage tunnels construction works</a>