WELCOME TO WRE 2019

The 5th International Conference on Water Resource and Environment (WRE 2019)

July 16th–19th, 2019
Macao, China

Venue: Macao University of Science and Technology
Avenida Wai Long, Taipa, Macao, China

CONFERENCE PROGRAM

July 16 Registration
July 17 Keynote Speech, Invited/Oral Presentation, Poster Presentation
July 18 Invited/Oral Presentation
July 19 Tour

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Water Resources Management
- Water Resources Systems
- Climate Change Impacts on Hydrology and Water Resources
- Monitoring, Remediation, Assessment and Protection of Water Resources
- Planning and Management of Water Resources and Water Provision
- Watershed Hydrology
- Erosion and Sediment Transport

Water Pollution
- Contaminant Sources, Sorption, Diffusion, Transformation, Volatilization and Transport
- Physics, Chemistry and Biology of Water
- Electro-analytical and Environmental Chemistry
- Pharmaceuticals in the Aquatic Environment
- Chemical Water Pollution
- Marine Water Pollution

Sustainable Drainage
- Surface Water Management
- Storm Water Management
- Runoff Control
- Extreme Hydrological Events
- Sustainable Flood Retention Basins
- Permeable Pavement Systems
- Hydrologic Numerical Simulation
- Hydrologic Model

Water and Wastewater Treatment
- Industrial Water and Wastewater Treatment
- Domestic and Potable Water Treatment
- Agricultural Wastewater Treatment
- Desalination
- Water Purification
- Development of Analytical Methods for Emerging Contaminants

Sustainability and Water
- Water Quality Assessment
- Water Environment Protection
- Water Restoration and Sustainable Use
- Unsustainable Patterns of Water Consumption and Use
- Water Demand and Consumption
- Water Recycling and Reuse

Aquatic Ecosystems
- Ecology of Water Resources
- Degradation of Aquatic Ecosystems
- Aquatic Ecosystem Maintenance and Preservation
- Aquatic and Marine Ecology
- Aquaculture and Environmental Impacts
- Invasive Species
- Benthic Ecology

Groundwater
- Water and Groundwater Interactions
- Groundwater Contamination and Protection
- Soil and Aquifer Properties
- Groundwater Flow and Well Hydraulics
- Hydro-geochemistry and Contaminant Hydrogeology

Wetland Systems
- Integrated Constructed Wetlands
- Treatment Wetlands
- Ecosystem Restoration

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ABOUT WRE

The 5th International Conference on Water Resource and Environment (WRE 2019) will be held in Macao, China from July 16th to 19th, 2019.

International Conference on Water Resource and Environment (WRE) is an annually-held conference. It aims to provide a platform for professionals and specialists to present their latest findings, opinions and views; to provide a forum to discuss the latest thinking by scholars and experts in the world; to publish selected papers presented to advance the state of knowledge of water science.

Please visit www.WRECONF.org for more information.

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IMPORTANT DATES

THIRD ROUND SUBMISSION DEADLINE
March 31, 2019

FINAL ROUND SUBMISSION DEADLINE
May 20, 2019

DEADLINE FOR EARLY BIRD REGISTRATION
June 1, 2019

CONFERENCE DATES
July 16-19, 2019

PUBLICATIONS

Conference Proceedings
- IOP Conference Series: Earth and Environmental Science
- Environmental Science and Pollution Research
- Journal of Water and Climate Change
- Applied Ecology and Environmental Research