

## « Scientific knowledge for smart planning and decision-making »

Tuesday 8th November / 17:00-18:30

Oum Errabia room — Green Zone



Institut Montpellierain de l'Eau et de l'Environnement



Sciences pour une Terre durable  
**brgm**



WORLD METEOROLOGICAL ORGANIZATION



*Building knowledge is crucial for adapting to climate change in the field of water. However, gaps and needs in term of water and climate knowledge are still significant, especially in developing countries.*

*This event will offer the opportunity to outline scientific knowledge needs to better understand, assess and anticipate the resilience hydro-systems to climate change. It will showcase gaps and needs in terms of data acquisition, information system and modeling but also provide recommendations for knowledge development in order to reduce climate uncertainty, better understand the vulnerability of regions and populations at different scales and take smart science-based decisions for water management.*

*Finally, it will engage the discussion on how to refine the results and improve the forecasts by developing dynamic and complex hydro-climatological models.*

**INTRODUCTION** M. Jean Launay, President of the French Water Partnership

**MODERATION** M. Eric Servat, Director of Research at the IRD, Director of IM2E

### PART 1 - KEYNOTE INTERVENTIONS

- **Implementation of Paris Agreement and water-related SDG's: by enhancing international cooperation on data, tools and knowledge sharing**  
 M. Anil Mishra, Programme Specialist, Section on Hydrological Systems and Water Scarcity, UNESCO International Hydrological Programme (IHP)
- **Recommendations for knowledge development to reduce water and climate uncertainties**  
 M. Johannes Cullman, Director Water and Climate Department, World Meteorological Organization
- **From the valorisation of hydrological information to the evaluation of water resources: a prerequisite for sustainable water management. The case of Algeria.**  
 M. Azzedine Mebarki, Laboratory Manager and Professor at the University of Constantine

### PART 2 - ROUNDTABLE

- M. Jean François Donzier, General Director, International Office for Water
- M. Laurent Pacoud, Project Manager, Water and Sanitation Division, Agence Française de Développement
- M. Mohamed Azaroual, Water Environment & Ecotechnologies Division, BRGM
- M. Guillaume Storme, Deputy Head of Flow Management Division, Networks Departments, SIAAP
- M. Benjamin Noury, Research Engineer, IRSTEA

**CONCLUSION** M. Eric Servat, Director of Research at the IRD, Director of IM2E

