

Philippe GORBESVILLE

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Prof. Dr. Philippe Gourbesville is, since 2007, the Director of Polytech Nice Sophia, the engineering school of Nice Sophia University (NSU), France. Philippe is a professor for Hydroinformatics and Water Engineering at SNU and is a visiting/honorary professor at various European and international universities such as Newcastle University, Brandenburg University in Cottbus, Technical University of Catalunya, Ecole Polytechnique Fédérale de Lausanne, Asian Institute of Technology, Singapore National University, Beijing University of Technology, Incheon National University, Seoul National University, Kyoto University, Tianjin University, Hohai University, North China university of water conservancy and hydropower and China Institute of Water Resources and Hydropower Research. Before to join Nice Sophia Antipolis University in 1997, Philippe has spent 10 years as hydraulic engineer in a European consulting company and has been involved in many international projects. Since 2004 and under the Erasmus Mundus, Philippe has developed the first joint master degree EuroAqua focused on hydroinformatics and water management with 5 European leading universities [www.euroaqua.org]. In parallel, the EuroAqua research group, strong of more than 70 researchers, is developing innovation in close partnership with industrials from the water domain.

Philippe's research and teaching interests are mainly focused on urban waters management, urban flooding processes, distributed physically based modelling, impact assessment, integrated water resources management, ICT & architecture of modelling systems, collaborative engineering and virtual environments. Those research activities are taking place in various research frameworks including EU -FP7 & FP6, Stic Asie, ICI ECP, AsiaLink ... Within the CORFU project dedicated to Urban Flooding Resilience [www.corfu-fp7.eu] he was in charge of the definition of strategies for resilience development for megacities in Asia. The project develops new guidelines for European and Asian cities exposed to urban flooding risks. In parallel and under the FP7 framework, Philippe was the coordinator of the @qua thematic network [www.a-aqua.eu] launched by the European Union and dedicated to ICT for Water Efficiency. This thematic network composed with major industrials from both ICT and water domain develops vision about the use of new technologies for a better water management.

Since more than 10 years, Philippe is also involved in several actions with the World Meteorological Organisation - WMO – in the production of the new guidelines for flood mapping and is a core member of the HelpDesk Initiative of WMO dedicated to the Integrated Flood Management (IFM) [www.apfm.info/helpdesk.htm]. During the last years he was supporting this initiative by participating to various workshops for managing services and dedicated to methods and tools for IFM.

Since 2007, Philippe is collaborating with the French Ministry of Justice as legal expert for extreme flood events in France and is involved on the procedure on the 2007 flood of the Rhône river, France.

Philippe Gourbesville is a member of several international associations dealing with water: IAHR, IAHS, AGU and IWA. He was during 4 years a member of the Council of the International Association for Hydro-engineering and Research – IAHR- and member of the scientific board of the Hydrotechnic Society of France (SHF). He is also a member of the hydrological commission of the High Council of Météo France, French meteorological organization. In 2011, Philippe has received by the Hydrotechnic Society of France (SHF) the Special Hydrotechnical Award.

Philippe has authored more than 120 scientific papers dedicated to hydroinformatics, numerical methods, modeling tools, flood management and resilience. Philippe has been invited many times as keynote speaker in various international events in Europe and worldwide.