

10th International conference on Modelling and Integrated Assessment

Every fourth year, the Modelling and Integrated Assessment (MIA) Specialist Group of the International Water Association (IWA) organises the Watermatex symposium. The first one dates back to 1987 in London, UK. The most recent editions were in June 2011 in San Sebastian, Spain and in June 2015 in Gold Coast, Australia. This year, the 10th symposium will take place in Copenhagen in September 1 – 4, 2019. DTU and Lund University are jointly organizing the conference.

The conference is one of the official IWA events. It provides an international forum to present, discuss and exchange methodologies and experiences on all aspects of water-related problems (wastewater treatment, collection of sewage, resource recovery, drinking water, etc.). The framework is interdisciplinary and relies heavily on the use of different types of models. While methodology-focused, the symposium's contributions also extend to practical applications of such methodologies, where applications are not restricted to any single discipline.

The conference targets people and organisations active within research and consulting as well as institutions and utilities. It aims at promoting the application of mathematical methods for modelling and simulation, data management, systems analysis and decision support within the entire water sector.

The Watermatex 2019, in particular, will highlight new internet-based developments (i.e. digital water) like big data and machine learning. These developments open up new opportunities for enhanced modelling, but at the same time pose new threats in terms of cybersecurity.

In addition, the symposium offers additional workshops and courses on specialized topics. There will be a full-day workshop exclusively for Young Water Professional in the water sector (aged 35 and below).

For more information on Watermatex 2019 including the workshops and conference program, please visit www.watermatex2019.org/.