

11th International Conference on Hydroinformatics in New York City, USA

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1 Background

The International Conference on Hydroinformatics is a biennial conference organized under the auspices of the International Association for Hydro-Environmental Engineering and Research (IAHR) and the International Water Association (IWA). The conference started in 1994 G. C. hosted in Delft, The Netherlands. It is no wonder that it started in Delft as the very idea of Hydroinformatics is the brain child of Prof. Michael B. Abbott who used to work at the International Institute for Infrastructure, Hydraulic and Environmental Engineering – IHE, Delft, The Netherlands (ABBOTT 1999).

2 Conference Organisation

The 11th International Conference on Hydroinformatics is hosted by The City College of New York, New York City, USA from 17–21 August 2014 with the theme „Informatics and the Environment: Data and Model Integration in a Heterogeneous Hydro World“. The organization of the conference was chaired by Dr. Michael Piasecki of The City College of New York.

3 Conference Program

The conference is comprised of two preconference short courses, four key note speeches (Plenary sessions), twelve parallel sessions each with four to six talks, and technical and city tour.

The preconference short courses took place on 16 August 2014, eve of the conference start date. There were two such courses. The first was on ‚Standardization of Water Data Exchange‘ and the second on ‚Optimization of Reservoir Systems‘.

Opportunities and challenges of data and model integration dominated the key note speeches, which opened each day.

The themes of the parallel sessions include established and new disciplines of hydroinformatics such as hydrologic modelling, hydrodynamic modelling, sediment transport modelling, flood resilience in urban areas, water distribution networks, modelling of urban flooding, reservoir operation and management, coastal and estuarine modelling, data processing, web-based systems for sharing of data and models, etc.

The last day of the conference was a technical tour and harbor cruise. The technical tour was to the Davidson laboratory at Stevens Institute of Technology. Founded in 1935, The Davidson Laboratory hosts a hydrodynamic and ocean engineering research facility and it is worth visiting for a Hydraulic Engineer. A harbor cruise, which provided a spectacular viewing of the Manhattan’s skyscrapers, Brooklyn Bridge, and the Statue of Liberty, closed the conference.

The next HIC, took place in Songdo Convensia, Incheon, South Korea from 21–25 August 2016. The upcoming HIC2018 will take place in Palermo, Italy from 1–6 July 2018.

4 Acknowledgement

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5 Reference

ABBOTT, M.B.: Introducing Hydroinformatics, *Journal of Hydroinformatics*, 1, 3–19, 1999.