

“Towards a Sustainable Water Future”

"A Future Earth Conference"

Opening new frontiers in water system diagnostics and innovative solutions to mitigate the 21st-century global water crisis

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Bangalore, India



Organized by

Sustainable Waters Future Programme

Hosted by

Divecha Centre for Climate Change & Indian Institute of Science



#WaterFuture2019

The conference will focus on the current state of Global Water resource challenges, future pathways and scenarios, and different technological, institutional solutions to accelerate the implementation of water-related Sustainable Development Goals and the whole 2030 Agenda for Sustainable Development with leaving no one behind

- Address the unfolding global water crisis, as evidenced by issues such as increased water scarcity, widespread water pollution, and rapid declines in freshwater biodiversity.
- Explore different innovative frameworks, approaches, methods to determine the potential of natural and human-made infrastructure investment, and their complementarities to achieve sustainable solutions enhancing water security and resilience of the socio-ecological system.
- Discuss resiliency and risks related to water resource arising from, for example, water quality, extreme precipitation and urban flooding.
- Explore the notions of risk to be embedded within the SDG process and what are the requirements for integrated and adaptive risk governance to deal with interconnectedness during SDG implementation?
- Discuss existing global integrated modelling, role of Artificial Intelligence, Big Data as well as Earth observations in monitoring and assessment of SDGs.
- Explore how long 'business as usual' scenarios can be continued for the global water system before we reach a tipping point where even drastic actions cannot reverse any of the negative trends ?
- Explore how water targets at global and regional scale can be defined considering the inherent links between biophysical and socio ecological process in relation to W-E-F Security and their transgression prevented?
- Focus on the aesthetic, cultural and historical knowledge of water and its role in nature and society.
- Address other connected issues related to water, for instance, poverty, nutrition, health, education, gender, equity and productivity.
- Explore how can we leverage systematic knowledge and know-how, together with innovative, collective practices around water?
- Discuss design, implementation and evaluation of water governance settings at different levels
- Address different ways to integrate gender and equity issues into policymaking and decision-making that will enable women to have an effective "voice" and engage in meaningful participation.

CONTACT

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