The Africa Online Summer School is organized by the IAHR-Africa Division. It is initiated as a commitment from IAHR to reach and connect with African scholar, young professionals, and institutes; and as a mean to promote collaborations that will create solutions for the water security and climate change challenges and help meet net-zero and sustainability targets. This school provides a synthesis of several aspects of hydro-environmental engineering. The main objective of the school is to introduce the main principles hydro-environmental engineering and their importance and practical applications in Africa.

Deliverables

Upon completion, the participant should be able to:

- Recognize the importance of hydro-environmental engineering and its impact on water infrastructures.
- Understand the fundamentals and main principles behind each field of hydro-environmental engineering.
- Be familiar with projects and applications where the hydro-environmental engineering is involved.
- Identify leading experts in the field of hydro-environmental engineering and be familiar with IAHR.
- Identify research and engineering streams that African scholars and professionals should focus on and/or explore.

For whom?

This course is intended for a broad audience. Whether you are a young professional or a senior, academic or practitioner, the course will help you to learn, identify and connect between the different aspects of hydro-environmental engineering.

Workload

The course is composed of 18 lectures. Two lectures are given each day. In total, the school is composed of 13 h of lectures (45 min for each lecture). No official assignments are required, but some professors may provide simple assignments. A Professional Certificate of Attendance (PCA) is issued under request.

Lecturers

Maria Kennedy
Alfred Johny Wüest
Heidi Nepf
Ioana Popescu
Peter Goodwin
Roger Falconer
Joe Fernando
Brent Sleep
Elpida Kolokytha
Jörg Imberger
Ellis Penning
Mohamed Ghidaoui
Vladimir Nikora
Wim S. J. Uijttewaal
Marcelo García
Andrea Rinaldo
Claudia Adduce
Ana Maria da Silva
David Ferras

Coordinators

Moez Louati

#iahrAfrica africasummerschool.iahr.org
**How to participate?**

This short course is open only to IAHR members. To register for the summer school, please use the Zoom webinar registration link. The lectures will be given using Zoom Webinar. Detailed information will be sent to the email address given in the registration form.

If you are not yet a member, please join IAHR and become a member, or contact Carmen Sánchez to register for this event. By registering for this event, you will receive one-year free membership.

If you are African living in Africa, you can apply for this discount or free registration. Priority will be given to students and young professionals.

If you would like to receive, after the course, a Professional Certificate of Attendance (fee: EUR 50) issued by IAHR, please indicate your intention in the registration form. Please contact Carmen Sánchez for payment processing.