

ASIAN UNIVERSITIES ALLIANCE (AUA)

AUA-UOC Overseas Study Program 2026

Water Pollution, Monitoring and Management: Emerging Challenges, Sustainable Strategies, and Smart Technologies

Tentative Schedule

Host University : University of Colombo (UOC)

Website : <https://cmb.ac.lk/>

Mode : Online

Program Dates : 4 – 28 August 2026

No.	Session	Date	Time
1	Water Pollution as a Global Crisis: Challenges and Impacts	4 th (Tuesday), August, 2026	SL time 11.00 am - 12.30 pm
2	Climate Change & Water Resources: Climate-induced risks, adaptation strategies	6 th (Thursday), August, 2026	SL time 11.00 am - 12.30 pm
3	Groundwater Contamination & Management	11 th (Tuesday), August, 2026	SL time 11.00 am - 12.30 pm
4	Emerging Contaminants and Water Quality Risks	13 th (Thursday), August, 2026	SL time 11.00 am - 12.30 pm
5	Water Quality Monitoring Techniques, Sampling Strategies, and Physicochemical & Biological Analysis	17 th (Monday), August, 2026	SL time 11.00 am - 12.30 pm
6	Ecotoxicology and Biomarker-Based Assessments of Water Pollution	19 th (Wednesday), August, 2026	SL time 11.00 am - 12.30 pm
7	Smart Sensor Networks for Water Quality Monitoring: AI, IoT, and Real-Time Data Analytics for Pollution Control	21 st (Friday), August, 2026	SL time 11.00 am - 12.30 pm
8	Case Studies on Water pollution and Contamination	24 th (Monday), August, 2026	SL time 11.00 am - 12.30 pm
9	Traditional Water Management Systems in Sri Lanka: Dry-Zone Cascade Systems	26 th (Wednesday), August, 2026	SL time 11.00 am - 12.30 pm
10	Water Governance & Sustainable Policy Frameworks	28 th (Friday), August, 2026	SL time 11.00 am - 12.30 pm