

Towards Water Cloud: Learning Resources for Inclusive Sustainable Futures

DR LUCREZIA GIGANTE



Agenda

14:05 Introduction to Water Cloud: WAMU-NET's project for online educational resources, Lucrezia Gigante, WAMU-NET

14:15 Understanding the Urban Watershed Curriculum: Online Resources, Ellen Schultz, Fairmount Water Works Interpretive Center, USA

14:25 Water Classrooms: Online Resources developed, Sara Ahmed, Living Waters Museum, India

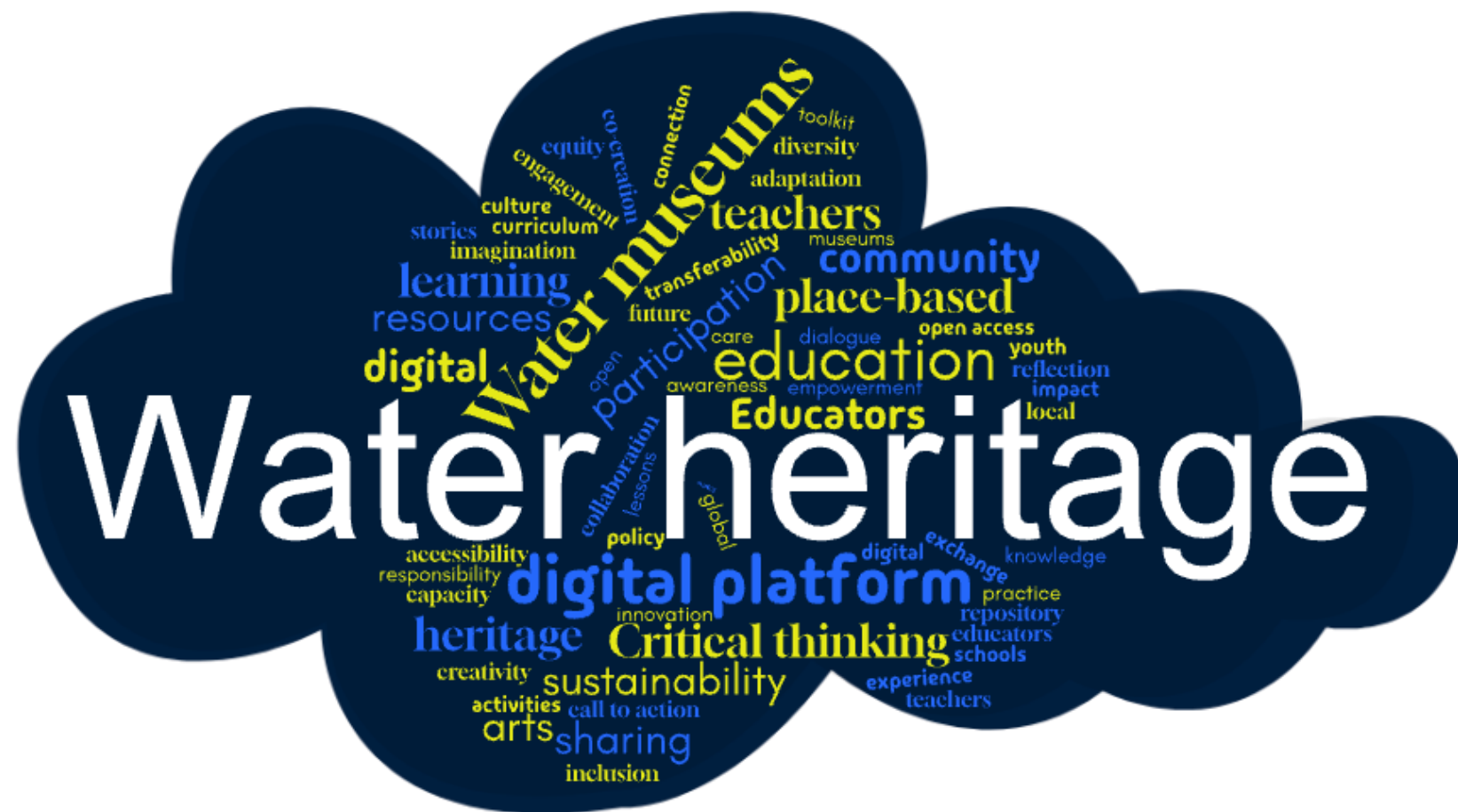
14:35 AquaQuiz: Online engagement developed, Margarida Filipe, Lisbon Water Museum, Portugal

14:45 Roundtable: Potential developments and uses of 'Water Cloud'. Transferability of museums' resources and linkages with UNESCO and IHP with:

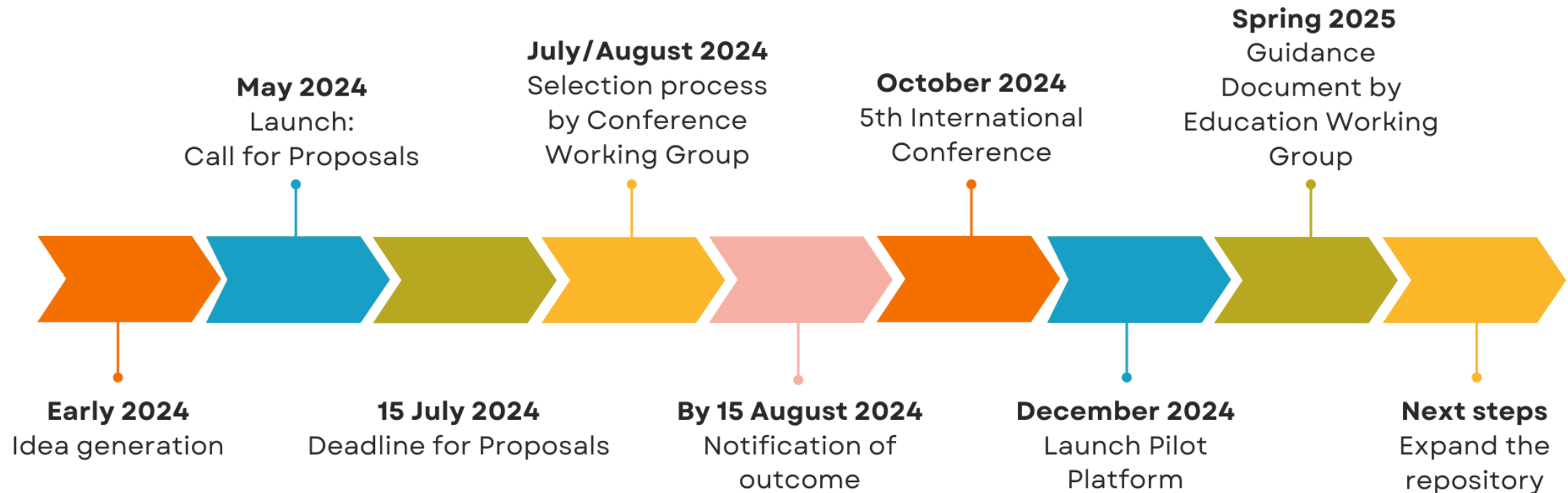
- Bernard Combes (Independent Expert)
- Joana Lessa (University of Algarve)
- Philippe Pypaert (Senior Consultant)
- Mira-Bai Simon (Let's Talk About Water)

15:15 Audience Q&A

15:25 Closing remarks, Eriberto Eulisse, WAMU-NET



The Online Repository for Water Education



Criteria

Focus: freshwater sustainability and awareness	Format: existing resources (NOT descriptions of activities)	Impact: evaluation reports and/or evidence of impact; learning objectives
Transferability: transferable or adaptable to new context	Audience: school students, teachers, educators	Accessibility: available online and free



Contributions from and to water museums

Six case studies from:

- Fairmount Interpretive Center, Philadelphia, USA
- MIO-ECSDE/HYDRRIA, Athens, Greece
- Museu da Agua, Lisboa, Portugal
- Living Waters Museum, India
- MUSE – Natural Science Museum of Trento, Italy
- Museu de l'Aigua i el Tèxtil de Manresa, Spain





Water Cloud

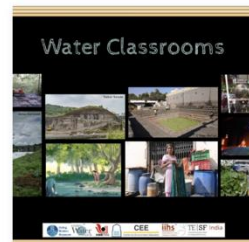
Water Cloud: Resources for Inclusive Sustainable Futures

At its 5th International Conference in Porto (October 2024), the Global Network of Water Museums proudly launched an ambitious initiative: the creation of **Water Cloud**, an online repository dedicated to water education. This platform will offer students, teachers, and museum professionals a single, easy-to-access space for water education resources, tools, and good practices.

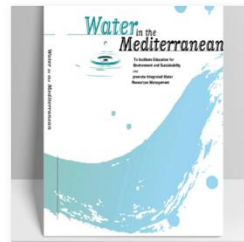
To implement this vision, WAMU-NET convened an Education Working Group throughout 2024. In May, a **call for proposals** enabled us to select a limited number of educational tools to be presented during a dynamic session at our Porto conference. These vibrant discussions showcased diverse approaches to water education and led to collectively choosing the project's title: **Water Cloud: Resources for Inclusive Sustainable Futures**.

For the first time, water museums' learning resources will be curated and organised into a **single, easily navigable platform**. Aligned with WAMU-NET's commitment to water sustainability education (Phase 9 of UNESCO-IHP Resolution XXIII-5, 2018), this project reflects our members' leadership in innovative educational practices at local, regional, and national levels.

As we work toward building the Water Cloud digital platform, this page features initial examples of the good practices we aim to include in the final repository. If you were not able to join us in Porto, you can watch the session recordings [here](#). Stay tuned for updates on this innovative resource for water education worldwide!



Water Classrooms | Living Waters Museum, India



Non-conventional Water Resources | MIO-ECSDE/HYDRIA, Greece



AquaQuiz | Lisbon Water Museum, Portugal



Understanding the Urban Watershed Curriculum | Fairmount Water Works...



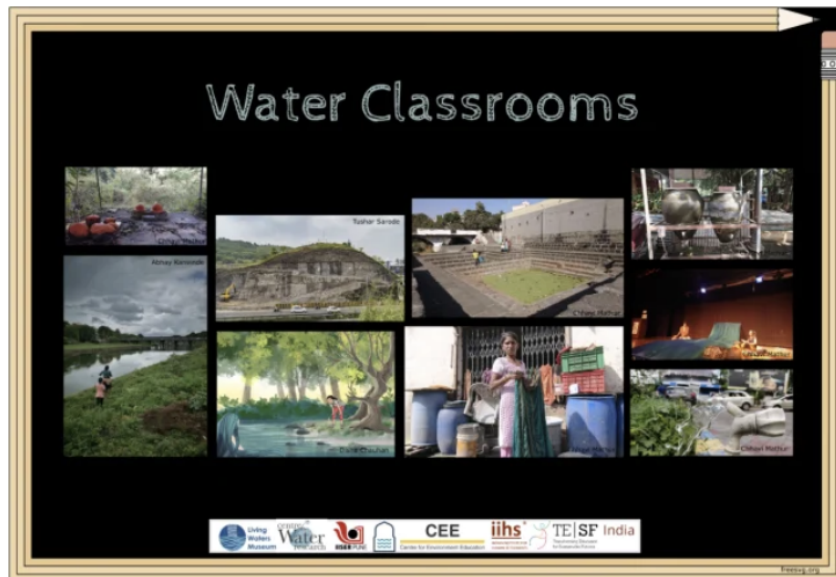
Educational Videos for a Sustainable Future | Museu de l'Aigua i el Tèxtil de Manresa...



Nature Journalism and Wetlands | MUSE, Italy

Water Classrooms | Living Waters Museum, India

Home — Water Cloud — Water Classrooms | Living Waters Museum, India



Water Classrooms

Resource by Living Waters Museum, India

www.waterclassrooms.in

This is a multidisciplinary and inclusive water education resource for middle school students, designed to integrate water pedagogy into school curricula. It consists of four modules—Water and the Self, Shared Waters, Our Water Systems, and Water and the Planet—using games, activities, and facilitator notes to explore water’s cultural, social, and technical aspects.

Education for Sustainable Development is recognised as an integral element of SDG 4 and a key enabler for all other SDGs. However, there is no single framework to infuse ESD in school curricula. While water is a crosscutting issue for many disciplines, in India there is an overarching emphasis on physical, technical and scientific aspects of water. Issues and practices related to WASH for example, are rooted in cultural beliefs and local contexts which include relations of power shaped by gender, caste and class which are barely discussed in classrooms.

The project sought to develop multidisciplinary and inclusive water pedagogy for middle school children, through an intensive participatory process engaging educators, academics, NGOs and artists working on water issues in Pune.



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- Peer support for future contributions
- Promote knowledge exchange

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