

**PROGRAMME**

# **AQUA TEAM for SUSTAINABLE DEVELOPMENT**

**8-19 May 2023**



ITALY

Ministry of Foreign Affairs  
and International Cooperation



**Roma**

**Italia**  
EXPO 2030

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# Background

The two-week course **Aqua Team for Sustainable Development** will be held online on 8-19 May 2023, offering two lectures per day in English by high-level speakers from 15.00 to 17.30 CEST. It will be conducted by the Mountain Partnership Secretariat, supported by the University of Turin - DISAFA.

In the first week (8-12 May) the training will cover academic and institutional subjects (governance and regulations, controls, sanitation and ecosystems). The second week (15-19 May) will be focused on investments and private sector, with companies presenting their business skills for the management of desalination, fish farming, irrigation.

The webinar will be an opportunity for both learning and networking, with the aim of exchanging ideas and facilitating possible partnerships. Interested parties can make proposals for further contacts, clarifying what type of partner they are looking for, by writing to [dgcs.environment@esteri.it](mailto:dgcs.environment@esteri.it).

# Agenda

May 2023

08

Monday

Opening

15.00-16.10 CET

**Vittorio Colizzi**

University of Rome "Tor Vergata"

**Access to WASH: Safe water, sanitation, and hygiene**

16.20-17.30 CET

**Valentina Fuscoletti**

Istituto Superiore di Sanità - Water quality and health division

**Water quality, hygiene and health: the institutional governance**

09

Tuesday

15.00-16.10 CET

**Daniel Viviroli**

University of Zurich

**The key challenges for water availability**

16.20-17.30 CET

**Hans Schreier**

University of British Columbia

**Water, food and environment nexus**

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Wednesday

15.00-16.10 CET

**Luca Lucentini**

Istituto Superiore di Sanità - Water quality and health division

**National legal framework and standards for WASH**

16.20-17.30 CET

**Nicola Colombo**

University of Turin - PNRR Ecosistema NODES

**Water quality in mountain areas under changing cryospheric conditions**

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Thursday

15.00-16.10 CET

**Giuseppe Scarascia**

University of Tuscia

**Interactions of water cycle with forest ecosystems and agro-forestry**

16.20-17.30 CET

**Hadi Husani and Deo Raj Gurung**

Aga Khan Agency for Habitat

**Integrating risk management and resilience into planning and protecting water infrastructure and resources**

# Agenda

May 2023

12

Friday

15.00-16.10 CET **Filippo Verre**  
Foundation AB AQUA  
**Industrial desalination as a tool to solve urban water crises: the "Saudi approach" applied to the South African case**

16.20-17.30 CET **Hugo Mantilla Meluk**  
Univerity of Quindio  
**Water in the Central Andes of Colombia, building trans-sectoral and trans-disciplinary capacities for water governance**

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Monday

15.00-16.10 CET **Stefano Cataudella**  
University of Rome "Tor Vergata"  
**The role of aquaculture for food security and sustainable development**

16.20-17.30 CET **Paolo Sertoli**  
Italian Agency for Development Cooperation - AICS - Maputo Regional Office  
**Water management: the Italian Development Cooperation approach**

16

Tuesday

15.00-16.10 CET **Paolo Sertoli**  
Italian Agency for Development Cooperation - AICS - Maputo Regional Office  
**New and sustainable irrigation techniques for agricultural, civil, non-conventional uses (saline and waste water) - case studies**

16.20-17.30 CET **Luca Lucentini and Valentina Fuscoletti**  
Istituto Superiore di Sanità - Water quality and health division  
**Desalination and health risk**

17

Wednesday

15.00-16.10 CET **Roberto Bausani**  
AQUA ITALIA/Anima Confindustria - Italian Association of Water Treatment Manufacturers  
**The role of reverse osmosis desalination for a sustainable water future**

16.20-17.30 CET **Cristian Carboni**  
AQUA ITALIA/Anima Confindustria - Italian Association of Water Treatment Manufacturers  
**Traditional and emerging water disinfection technologies: challenges and solutions**



May 2023

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Thursday

15.00-16.10 CET

**Andrea Fabris**

Association of Italian Fish Farmers

**Manlio Palei**

Veterinary Team, Friuli Venezia Giulia Region

**Guidelines for the development of sustainable fish farming with a view to producing seafood according to the principles of food safety and food security**

16.20-17.30 CET

**Oliver Martini**

Owner of Valle Ca'Zuliani fish farms and member of API Board

**Development of fish farming in wetlands, estuarine areas, lagoons: fish production for local populations and provision of ecosystem services**

19

Friday

15.00-16.10 CET

**Andrea Fabris and colleagues**

Association of Italian Fish Farmers

**Improve water and energy efficiency in fish farms**

16.20-17.30 CET

**Livio Spadavecchia**

Ministry of Foreign Affairs and International Cooperation -  
Department of Development Cooperation, Italy

**Closing and the way forward**

**#AquaTeam2023**

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Mountain Partnership



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