

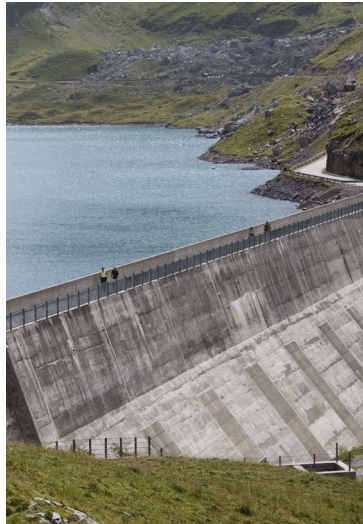
CAS

Certificat de formation continue
Certificate of Advanced Studies

Water Governance: Frameworks and Negotiations

3 > 14 July 2023

Modular Training Programme



In partnership with



United Nations
Educational, Scientific and
Cultural Organization



UNESCO Chair in Hydropolitics
at the University of Geneva



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Direction du développement
et de la coopération DDC

Institute for Environmental Sciences | ISE



UNIVERSITÉ
DE GENÈVE



Steering Committee

Executive Board

- **Prof. Christian Bréthaut** (Director), University of Geneva, Institute for Environmental Sciences (ISE)

University of Geneva Members

- **Prof. Géraldine Pflieger**, University of Geneva, Institute for Environmental Sciences (ISE)
- **Prof. Laurence Boisson de Chazourne**, University of Geneva, Faculty of Law

External Experts

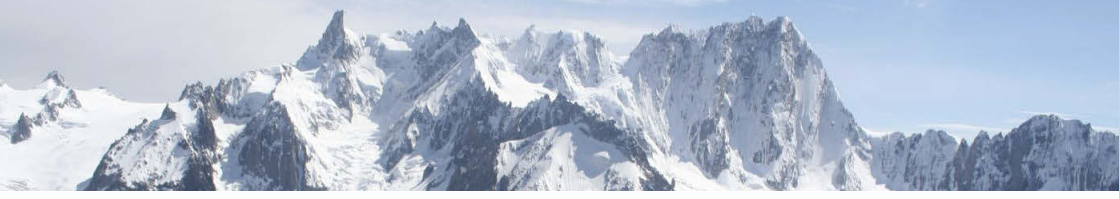
- **Ms Dimka Stantchev Skeie**, Project Manager, Global Programme Water of the Swiss Agency for Development and Cooperation (SDC)
- **Dr James Dalton**, Director, Global Water Programme of the International Union for the Conservation of Nature (IUCN)
- **Mr Cédric Lecamp**, Investment Manager, Pictet Water Strategy at the Pictet Asset Management

Coordination

Geneva Water Hub – Research & Education

Trainers

Trainers involved in the programme include: university faculty members, researchers, water experts at the international level.



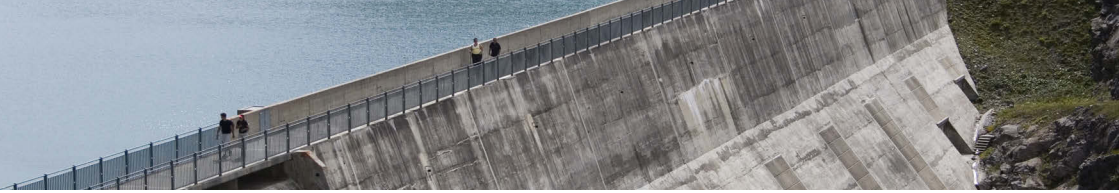
Develop skills to address complex issues in a changing environment. Anticipate and innovate in water policy and governance

The management of water resources faces environmental, climatic, political, and economic challenges. In this changing environment, innovative policies should be designed to foster collaboration between States, civil society, and the private sector. To this end, practitioners and decision-makers need to develop new analytical skills.

The Institute for Environmental Sciences (ISE) of the University of Geneva has launched another edition of the certifying Summer School in "Water Governance: Framework and Negotiations". This two-week training aims to deliver skills and knowledge based on the latest scientific research applicable in professional contexts. Participants will learn how to use water governance tools to address complex political situations, be resilient when a crisis strikes, and innovate in the face of risk and uncertainty.

In addition to the Summer School, a MOOC in Water Management and Policy is offered to the participants (available on the [Coursera platform](#)). To obtain the Certificate of Advanced Studies (CAS), participants are required to complete (1) the MOOC (ideally before the Summer School), (2) the Summer School, and (3) a final thesis.

Regarding the completion of the MOOC, students are required to obtain a certificate of achievement delivered by the Coursera platform. Costs of this certificate are funded directly by participants. Financial aid is available on the Coursera platform.



Audience

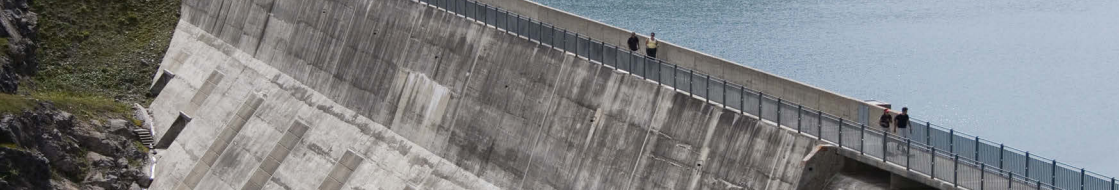
This programme is aimed at professionals acting at strategic levels who seek to develop analytical skills in water governance processes. A broad diversity of backgrounds is expected and welcomed: public administrations, international organisations, governmental and non-governmental organisations, private sector.

Objectives

- Identify and analyse the new challenges of water resource management at the global scale, considering the whole water cycle.
- Analyse hydropolitics and actors' strategies and understand trends and functioning of water governance at the global level.
- Provide tools to water professionals to analyse water policy issues and manage the resource in the face of risk and uncertainty.
- Develop work-related skills such as the ability to analyse international legal and institutional frameworks, the related negotiations, and the ability to prevent and regulate water conflicts.
- Develop a community of practice in the field of water governance

Learning Outcomes

- Implement strategies that consider both political and practical issues of water management.
- Use tools to analyse and manage water policy issues in a changing environment (political, economic, environmental).
- Analyse legal frameworks (and their development) for the management of water resources.
- Manage complex situations and implement innovative solutions.
- Communicate effectively on policy and strategic issues regarding water resources.
- Anticipate inter and intra-sectoral water conflicts and resolve these conflicts with water management tools.



Learning Methods

Our learning philosophy is to encourage interactions between practice and results from scientific research. Trainers and participants will be invited to share their expertise and their professional experiences.

Our learning methods involve:

- A strong involvement of participants who are invited to share their ideas and professional experiences.
- A combination of academic knowledge and field expertise, based on the most recent research and concrete examples in the water and policy domain.
- The development of skills transferable to a variety of professional environments.
- A multidisciplinary perspective of international water governance.

Programme Structure

- The CAS programme includes three components: (1) MOOC, (2) Summer School, and (3) Portfolio thesis.
- The first component is a distance learning class (MOOC) on Water Management and Policy, available at the [Course platform](#).
- The summer school includes four modules, consisting of classroom teaching classes organised over two weeks in July 2023.
- The MOOC and the Summer School modules correspond to 1 ECTS each.
- The MOOC and the Summer School modules are completed by a thesis that counts 5 ECTS.
- The teaching language is English.
- The CAS equates to a total of 270 hours of study, i.e. 10 ECTS credits. 1 ECTS (European Credit Transfer and Accumulation System) equates to 25-30 hours of work (teaching and personal study).



M_{ooc} |

MOOC Water Resources Management and Policy

[Online Course](#)

Prof. Christian Bréthaut

Prof. Géraldine Pflieger

- Water as a common pool resource
- Rules of the resource: uses and circumvention
- Integrated resource management and the nexus
- Integrated watershed management
- Water as a source of conflict and cooperation

M_{odule 1} |

Hydropolitics

Geneva

Prof. Christian Bréthaut

- Frameworks for understanding and analysing hydropolitics
- Different perspectives on hydropolitics
- Hydropolitical dynamics around transboundary waters

M_{odule 2} |

International Water Law: at the Intersection of Different Fields of International Law

Geneva

Dr Mara Tignino

- Sources and principles of international water law
- Linkages between international water law and other areas of international law
- Legal tool to solve water-related disputes



Module 3 |

Conflict Management Processes

Geneva

Ms Léna Salamé

- Alternative Dispute Resolution (ADR) techniques
- Focus on the negotiation process
- Skills for a successful negotiation

Module 4 |

Data, Water and Cooperation

Geneva

Ms Rozemarijn ter Horst

- Role of data and models in water cooperation
- Different actors involved in data collection and sharing
- Interplay between information and (emerging) technologies, knowledge, and power



Le Secrét

Assessment

Modules are evaluated by the module coordinators. Evaluations consist of written or oral tests. The final (portfolio) thesis should be delivered on time.

Portfolio Thesis

The final project consists of a thesis written in the two months after the Summer School. The thesis topic is chosen with the agreement of the steering committee. The objective is to produce an in-depth analysis of a specific question relevant to the participant's –professional and personal– interests, with a critical perspective and a multidisciplinary approach.

Diploma Awarded

The Certificate of Advanced Studies in Water Governance: Frameworks and Negotiations/ *Le certificat de formation continue en Gouvernance de l'eau: structures et négociations* is awarded, subject to the assessment criteria being met for each module, by the Institute for Environmental Sciences of the University of Geneva. It equates to 10 ECTS (European Credit Transfer and Accumulation System) for 95 hours of on-site training.

BIENVENUE

Practical Information

Admission Criteria

- Hold a university master's degree, a university bachelor's degree, a bachelor's or master's degree from a university of applied sciences or a degree deemed equivalent;
- Have at least 2 years of professional experience related to the Certificate program;
- Demonstrate personal motivation to follow the Certificate programme by describing how it links to their professional practice; and
- Have a good command of oral and written English, enabling them to follow the CAS courses, read scientific documents, and communicate within the framework of the training activities.

Application

- Deadline: 1 May 2023
- Online: www.unige.ch/formcont/en/courses/CASwatergovernance

Number of participants: 15-20.

Priority will be given to participants who wish to follow the programme as a whole. Application for one or several specific modules is possible.

Fees

- CHF 3,500.– for all modules taken as a package
- CHF 1,250.– per module taken individually

Location

University of Geneva
Institute for Environmental Sciences (ISE)
Uni Carl-Vogt – Room CV 001
Boulevard Carl-Vogt 66 – 1205 Geneva

Schedule

- Monday – Friday | 8:15 – 12:00 / 13:00 – 17:00
- Saturday | 8:15 – 12:15



Contact

- **Prof. Christian Bréthaut**, director of the programme
Scientific director, Geneva Water Hub – Research & Education
UNESCO Chair in Hydropolitics
Institute for Environmental Sciences
University of Geneva
christian.brethaut@unige.ch | Tel. +41 (0)22 379 07 55

Partnerships

- Swiss Confederation: Global Programme Water, Swiss Agency for Development
- Geneva Water Hub
- UNESCO Chair on Hydropolitics
- Collaborations established with other administrations, companies and universities
- Unparalleled competencies from International Geneva in the field of water and conflict prevention are mobilised within this training programme