

# CAS

Certificat de formation continue  
Certificate of Advanced Studies

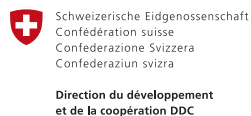
## Water Governance: Frameworks and Negotiations

4 > 15 July 2022

Modular Training Programme



In partnership with



Institute for Environmental Sciences | ISE



UNIVERSITÉ  
DE GENÈVE



## Sterring Committee

### Executive Board

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

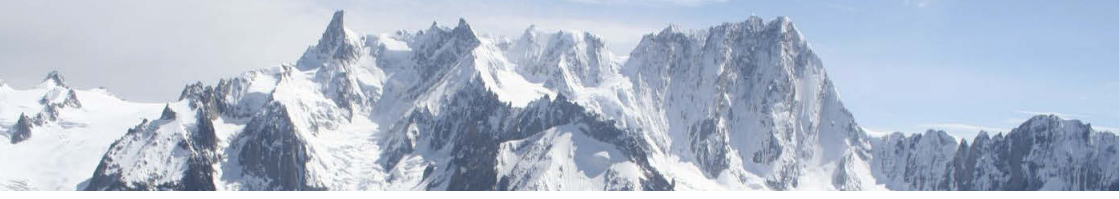
- **Ms Dimka Stantchev Skeie**, Project Manager, Global Programme Water of the Swiss Agency for Development and Cooperation (SDC)
- **Dr James Dalton**, Director, Global Water Programme of the International Union for the Conservation of Nature (IUCN)
- **Mr Cédric Lecamp**, Investment Manager, Pictet 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 collaborations 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 launches 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](https://www.coursera.org)). 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.



## Audience

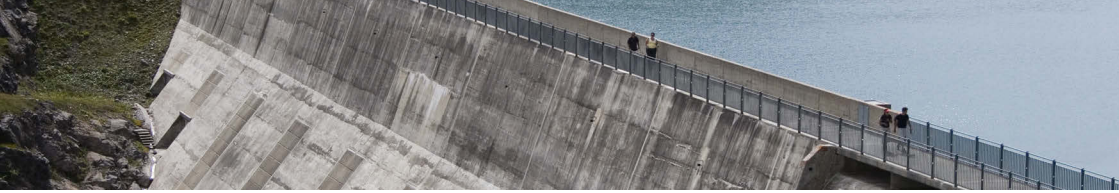
This programme is directed towards professionals acting at strategic levels and aiming to develop analytical skills in water governance processes. Broad diversity of backgrounds is expected and welcomed: public administrations, international organisations, governmental and non-governmental organisations, 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 the 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

- 5 modules, equating to 125 hours of teaching and 145 hours of personal study.
- The first module is a distance learning class (MOOC) on Water Management and Policy, available at the [Course platform](#).
- Modules 2-5 are classroom teaching classes, organised on a full-time basis over two weeks in July 2022.
- Each module corresponds to 1 ECTS.
- These 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).



## Module 1 |

### **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

## Module 2 |

### **Hydropolitics**

Geneva

**Prof. Christian Bréthaut**

**Dr Fatine Ezbakhe**

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

## Module 3 |

### **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 4 |

### **Conflict Management Processes**

Geneva

**Ms Léna Salame**

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

## Module 5 |

### **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



## 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 their motivation to follow the Certificate program 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: May 1st, 2022
- Online: [www.unige.ch/formcont/cours/CASwatergovernance](http://www.unige.ch/formcont/cours/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 am – 12:00 pm / 1:00 pm – 5:00 pm
- Saturday | 8:15 am – 12:15 pm



## Contact

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- **Dr Fatine Ezbakhe**, co-director of the programme  
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## 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