

CAS

Certificat de formation continue
Certificate of Advanced Studies

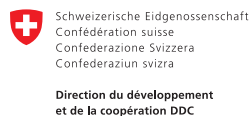
Water Governance: Frameworks and Negotiations

June 3-15 2019

Modular Training Programme



In partnership with



Institute for Environmental Sciences | ISE



UNIVERSITÉ
DE GENÈVE



Sterring Committee

Executive Board

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

University of Geneva Members

- **Prof. Laurence Boisson de Chazourne**, University of Geneva, Department of Public International Law and International Organisation, platform for international water law
- **Dr Sylvain Perret**, University of Geneva, Institute for Environmental Sciences (ISE)

External Experts

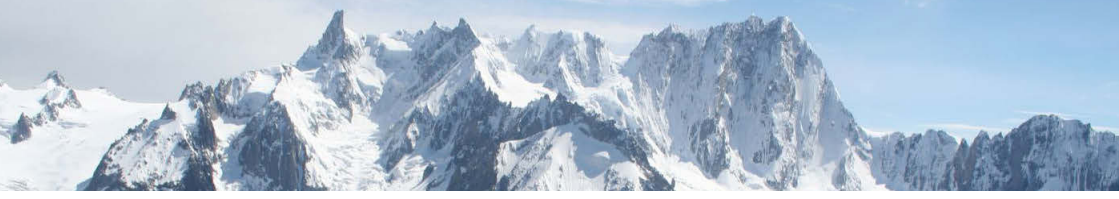
- **Mr François Münger**, Director, Geneva Water Hub
- **Ms Nadia Benani**, Project Manager, Global Programme Water of the Swiss Agency for Development and Cooperation (SDC)

Coordination

- **Dr Denis L Lanzanova**, University of Geneva, Institute for Environmental Sciences (ISE)
- **Ms Maria Güell i Pons**, University of Geneva, Institute for Environmental Sciences (ISE)

Trainers

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, the civil society and the private sector. To this end, practitioners and decision-makers need to develop new analytical skills.

The Institute for Environmental Sciences of the University of Geneva launches the second edition of the certifying Summer School in Water Governance: Frameworks and Negotiations. This two-weeks training is aimed to deliver skills and knowledge based on the latest scientific research that are 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.

Our teaching 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.

In addition to the on-site classes given at the Summer School, a MOOC in Water Management and Policy is offered to the participants on the [Coursera platform](https://www.coursera.org/course/caswatergovernance). Completion of the MOOC (ideally prior the Summer School) and of a final thesis (to be delivered by September 2018) are required to obtain the Certificate of Advanced Studies (CAS).



Audience

Professional acting at strategic levels and aiming to develop analytical skills on water governance processes. A broad diversity of backgrounds is expected: 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 hydrodiplomacy and actors' strategies and understand trends and functioning of water governance at the global level.
- Provide tools to water professionals for the analysis of water policy issues and the management of the resource in the face of risk and uncertainty.
- Develop work-related skills such as: ability to analyse international legal and institutional frameworks, and the related negotiations; ability to prevent and regulate water conflicts.
- Develop a community of practice in the field of water governance

Learning Outcomes

- Implement strategies which take into consideration both political and practical issues of water management.
- Use tools for the analysis and the management of water policy issues, in a changing environment (political, economic, environmental).
- Analyse legal framework, their development and the management scope of the resource.
- Manage complex situation and implement innovative solutions.
- Communicate effectively on policy and strategic issues regarding water resource.
- Anticipate inter and intra-sectoral water conflicts and resolve these conflicts with water management tools.



Learning Methods

- 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 business environments.
- A multidisciplinary perspective of the 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.
- Modules 2-5 are classroom teaching classes, organised on a full-time basis over a period of two weeks, 3-15 June, 2019.
- 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](#)

Flexible Course Schedules

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 |

Hydrology: Global Trends and Environmental Changes

Geneva | June 3-4-5, 2019

Prof. Markus Stoffel

- General hydrology
- Hydrological cycle
- Precipitation measurement
- Natural hazard management

Module 3 |

International Water Law: from Universal to Regional and Basin Agreements

Geneva | June 6-7-8, 2019

Dr Mara Tignino

- Laws applicable to surface waters and aquifers
- Obligations regarding environmental protection and dispute settlement
- Practice of courts and international tribunals in the field of water management



Module 4 |

Right to Water Access: Law, Water and Development

Geneva | June 10-11-12, 2019

Ms Lenka Krůcková

Mr Moez Allaoui

- Access to drinking
- Access to sanitation
- Water and development
- Right to water

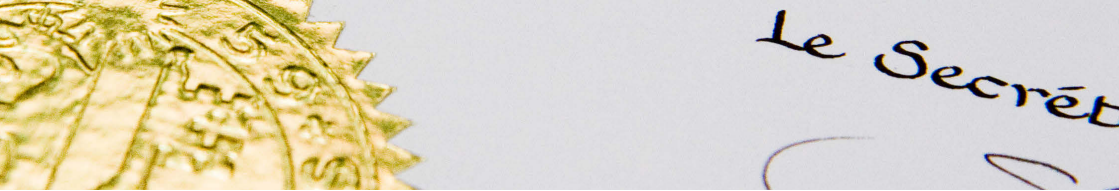
Module 5 |

Hydrodiplomacy

Geneva | June 13-14-15, 2019

Mr François Münger

- Water-related conflicts
- Negotiation process
- Field experiences
- Global water resources management



Assessment

Modules are evaluated by the module leaders or the lecturers. Evaluations consist of written or oral tests. The portfolio thesis should be delivered on time.

Portfolio Thesis

The final project consists of a thesis, written in the two months following 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 –professional and personal– interests of the participant, 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

- Holding a master, a bachelor, an undergraduate university degree, or any equivalent education.
- Having at least two years of professional experience relevant to the programme of the Certificate.
- Mastering the English language.
- Admission is based on qualifications / academic record.

Application

- Deadline: May 12, 2019
 - Online: www.unige.ch/formcont/cours/CASwatergovernance
- Priority will be given to participants who wish to follow the programme as a whole. Application for one or several specific modules is possible.
- Number of participants: 15-20.

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
CH – 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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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 the International Geneva in the field of water and conflict prevention are mobilised within this training programme