

THE SUMMER SCHOOL : ON THE SHORES OF THE LARGEST NATURAL LAKE IN WESTERN EUROPE

At 372 metres altitude, Lake Geneva, the largest of Western Europe's lakes, is a lake of glacial origin (the former Rhône glacier). Linking together France and Switzerland, it enjoys a temperate climate which favours a southern vegetation. With a maximum depth of about 315 metres, the restoration of the Lake since the 1980s has prevented its eutrophication and general deterioration. It is now the southernmost place in Europe where Arctic Charfish can be found.

THE FRUIT OF A DYNAMIC PARTNERSHIP

The 2014 Limnology summer school results from the partnership of Universities and Research Institutes reputed for their work in lake ecology. It takes place under the patronage of UNESCO, of the UniTwin network and the Unesco Chair in Water Resources which is shared by the State University of Irkutsk and the University of Savoie, in association with the Forel Institute of the University of Geneva. The organization of the school is supported by an International Scientific Committee.



Credit photo : ASTERS

REGISTRATION

Cost The costs of the school are for the most part covered by the organizers. However, a reduced participation fee is charged, to cover some of the summer school's costs, and this amounts to 100 € for the whole stay.

How to apply Given the limited number of places, applications are subject to a selection undertaken by the school's Scientific Committee. The school is conducted entirely in the English language and so a good mastery of this language is indispensable.

The application dossier is made up as follows :

- A CV (stating your level of English)
- A letter in support of your application

These should be sent to unescoschool@univ-savoie.fr

Final application date : **23rd May 2014**

Confirmation of enrolment : **15th June 2014**

HOW TO GET THERE

Details on www.univ-savoie.fr/unescoschool

INFORMATION - CONTACTS

■ **INRA - University of Savoie (France)**

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■ **State University of Irkutsk (Russia)**

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SOERE Lac Alpin ■

Vue sur le lac Léman depuis le site ornithologique du Huel © Savoie Mont Blanc / Berger

International Summer School in Limnology 2014

LAKE ECOLOGY AND TEMPORAL DYNAMICS

23rd August – 3rd September

**INRA Lake Hydrobiology Research Station
Thonon-les-Bains**

**Évian-les-Bains
FRANCE**



THE ISSUES TO BE ADDRESSED

The eco-systems of lakes are exposed to multiple pressures that can be grouped together under the term of global change. At the same time, the demands placed on lakes by human societies are becoming ever more pronounced : urbanization, resources in water, fishing, tourism and biodiversity. A whole range of eco-systemic services are provided by lakes and are sometimes under threat. The understanding, the mastery and the preservation (or restoration) of these services necessitates a better understanding of the evolution in time of lake systems, their vulnerability and their ecological dynamics.

THE OBJECTIVES OF THE SUMMER SCHOOL

This summer school in Limnology is organized by the State University of Irkutsk, the University of Savoie, the INRA, and the University of Geneva, working in the framework of international cooperation promoted through the UNESCO Chair in Water Resources.

The purpose of the school is to bring together scientific experts and students to exchange and share knowledge and experiences in the domain of lake ecology.

THE NATURE OF THE MEETING

Conceived for a maximum of thirty students, the school will be organized around conferences, practical work and the presentation of individual work. Intending to be international in scope, the school aims to make a contribution to the current debate on up-to-date ideas concerning limnology.

THE PROGRAMME

The school will take as its scientific theme the study of lake systems in different time scales, approached through three questions :

- How do we evaluate the ecological trajectory of lakes ?
- How do we characterize lake biodiversity and its functions ?
- How can we make a better evaluation of Man-Lake interactions ?

From paleolimnology to the study of short-term processes, this summer school will present the most up-to-date state of knowledge and of scientific theory, complemented by a variety of methodological approaches.

THE SCIENTIFIC COMMITTEE

INRA (France)

- Dr Bernard MONTUELLE
- Dr Jean GUILLARD
- Dr Isabelle DEMAIZON

University of Geneva (Switzerland)

- Pr Vera SLAVEYKOVA
- Pr Bas IBELINGS

University of Savoie (France)

- Dr Fabien ARNAUD

State University of Irkutsk (Russia)

- Pr Arkady MAATVEEV
- Pr Maxim TIMOFEYEV

RAN Limnology Institute (Russia)

- Pr Oleg TIMOSHKIN

University of Kiel (Germany)

- Pr William VINDHORST

