

Summer School on Environmental Informatics

Zakynthos, October 5-9, 2020

Call for Participation

<https://hilab.di.ionio.gr/envi2020/>

Novel management and modeling methods of Environmental Information

Co-Organized by the **Departments of Informatics** and **Environment** of the **Ionian University** in Zakynthos, Greece, **5 October – 9 October 2020**

Applications are accepted on a rolling basis.
Please use this [form](#) to submit your application.

Main theme

The environment as a complex system generally requires the analysis of a number of parameters directly related to its functions. Furthermore, the plethora of hardware and software technologies support accessible data retrieval and analysis tools, which enrich environmental information. Consequently, the branch of Environmental Informatics provides the capabilities to process and disseminate information in the interdisciplinary field of environmental science with the aim of integrating data, information and knowledge and applying computational intelligence to environmental data. The Summer School's programme focuses on modern environmental monitoring methods and includes theoretical courses and applied workshops. which are divided into four areas / sessions and are potentially available in English to attract an international audience.

Topics / Sessions

The Summer School is divided into 4 thematic areas / sessions:

- Environmental Data Acquisition
- Multi-Spatial & Multi-Criteria Analysis
- Ubiquitous Environmental Sensing
- Knowledge Acquisition

The aforementioned subjects concern a broader view of environmental studies that is related to the following branches of Environmental Science:

- Study of ecosystem changes and services,
- Procuring and restoring natural disasters and
- Analysis of spatio-temporal evolution of phenomena.

Application and Selection Process

Motivated Master's students, as well as PhD candidates and Professionals, are invited to submit their applications until **September 1, 2020**. Once we receive your application, we will notify you within three working days whether the application was successful or not.

Individuals interested in participating in the 2020 Summer School will be notified within 10 days of their submission. The submission procedure is described at <https://hilab.di.ionio.gr/envi2020/index.php/register/>. Please note that the application process is competitive due to a limited number of seats.

What to expect ?

- An **academically challenging program** consisting of lectures, seminars and hands-on workshops in a highly interactive and vibrant setting contributing to the personal and academic development of each participant.
- **Meeting fellow students** from all over the world interested in a joint multi-perspective examination of the topics addressed.
- Participation in working groups according to the specific interest of each participant in order to work on a **small-scale group project** before, during and after the Summer School. The working groups will work on a fixed topic and present their progress during the last day of the event to fellow participants. This enables the participants to find academic exchange and allows them to share their knowledge and ideas with other participants.
- **Access to a learning platform** with key readings for the school and beyond, but also additional facts, figures and slides provided.
- **Exploring Zakynthos** and surroundings as well as a **variety of social events** (incl. documentary screenings, common lunches, reading circles and informal get-togethers).
- What else to expect? Much more to come over the next weeks!!!

Participation Fees

The admission fees for the summer school include participation, coffee breaks and meals during sessions and all learning materials.

- **Full registration – 5 days / all sessions: 150 €**
- **Student discount registration (-15%) – 5 days / all sessions: 125 €**
- **Special^(*) student discount registration (-30%) – 5 days / all sessions: 100 €**
- **Single session pass: admittance to 1 session: 30 €**
- **Double session pass: admittance to 2 sessions: 50 €**

(*): student must be a member of co-organizing universities:

- Ionian University
- Harokopio University of Athens
- Agricultural University of Athens
- University of the Aegean

Important Dates

- **01/09/2020** – Deadline for early registration
- **01/09/2020** – Deadline for tuition payment
- 05/10/2020 – Welcome to Summer School!

Organizing Committee

- Eleni Charou, Researcher, Institute of Informatics & Telecommunications – NCSR Demokritos
- Katerina Kabassi, Associate Professor, Department of Environment – Ionian University
- Anastasios Kalimeris, Assistant Professor, Department of Environment – Ionian University
- Dionyssios Kalivas, Professor, Department of Natural Resources Management & Agricultural Engineering – Agricultural University of Athens
- Phivos Mylonas, Associate Professor, Department of Informatics – Ionian University
- Konstantinos Poirazidis, Assistant Professor, Department of Environment – Ionian University

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