Institute for the Advancement of Research and Education in Arts, Sciences & Technology

Interdisciplinary School on Environmental Crisis
Science, Health, Economy, Social Sustainability

5th Interdisciplinary School for Environmental Crisis

March 25-30, 2027 - Negroponte Resort Eretria, Euboea, Greece

DAY 1: Thursday, March 25, 2027

18:00 – 20:00 **Opening session**

- *Welcoming remarks,* **Stratos Tavoulareas** (ARISTEiA & Georgetown University, USA)
- ***Introduction of student group projects on local environmental challenges***
  - *Team 1: Revitalizing an abandoned mining area of Kymi-Aliveri (5 mins)*
  - *Team 2: Euboea water management (5 mins)*
  - *Team 3: Skyros: Development of a sustainable energy plan (5 mins)*
- **Eleni Drakaki** (American College of Greece-Deree, Greece)
  Euboea today and in the past
- **Keynote Lecture**
  Costas Synolakis (University of Southern California, USA)
  [TBD]

20:00 Opening Dinner

DAY 2/Friday March 26, 2027

7:15 – 8:15 Breakfast

8:15 – 9: 30 **Dimitra Lambropoulou** (Aristotle University of Thessaloniki)
Emerging Contaminants and Water Quality: Science, Health, and Sustainability

9:45 – 11:00 **Georgia Destouni** (Stockholm University, Sweden)
Climate Change and Water: Current state – how can we clean our mess up?

11:15 - 12:30 **Raha Hakimdavar** (Georgetown University in Qatar and the Earth Commons)
[Title of presentation TBD]

12:30 – 1:30 Lunch Break

1:30 – 2:15 **"Meet the Professor"**
Groups of up to 6 students discuss with faculty about science and career development

2:30 – 3:45 **Adda Athanasopoulos-Zekkos** (University of California at Berkeley, USA)
Environmental crisis against human infrastructure

4:00 – 5:15 **Efthymia Kyriakopoulou** (Athens University of Economics and Business)
Urban Transport Policies and Net Zero Emissions

5:30 – 6:45 **Konstantinos Drosatos** (University of Cincinnati, USA)
Georgia Destouni (Stockholm University, Sweden)
Adda Athanasopoulos-Zekkos (University of California at Berkeley, USA)
Spyros Pandis (University of Patras, Greece)
Career pathways : Pursue your dreams in science through Academia

6:45 – EOD **Student group study**
Preassigned projects aiming to address environmental problems.

DAY 3/Saturday March 27, 2027

7:15 – 8:15 Breakfast

8:15 – 9: 30 **Apostolis Koutinas** (Agricultural University of Athens, Greece)
Biomass management

9:45 – 11:00 **Nikos Monokrousos** (International Hellenic University, Greece)
Anthropogenic pressures and environmental hazards on Soil Biology

11:15 - 12:30 **Spyros Pandis** (University of Patras, Greece)
Air Pollution and Climate Change: Mitigation strategies?

12:30 – 1:30 Lunch Break

1:30 – 2:15 **"Meet the Professor"**
Groups of up to 6 students discuss with faculty about science and career development.

2:30 – 3:45 **Margaret Karagas** (Dartmouth Geisel School of Medicine, USA)

Food systems & the environmental crisis: solutions for planetary health
4:00 – 5:15 **Leda Chatzi** (University of Southern California, USA)
Forever chemicals and human health: From bench to the community
5:15 – EOD **Student group study**
Preassigned projects aiming to address environmental problems.

DAY 4/Sunday March 28, 2027
7:15 – 8:15 Breakfast
8:15 – 9:30 **Kerrie Carfagno** (Georgetown University, USA)
Intersection of Business and Climate Change: Using climate risks and disruption as business strategy and opportunity
9:45 – 11:00 **Michael Haliassos** (Goethe University Frankfurt, Germany)
Effects of climate risk and environmental disasters on household finances
11:15 - 12:30 **Emmanuela Doussis** (University of Athens)
Climate Diplomacy: Theory and Practice
12:30 – 1:30 Lunch Break
1:30 – 2:15 **"Meet the Professor"**
Groups of up to 6 students discuss with faculty about science and career development.
2:30 – 3:30 **Stratos Tavoulareas** (Georgetown University, USA)
The energy transition: Issues, options and the outlook
3:45 – 4:45 **Wolf Pohl** (World Bank, Austria)
Just transition in coal mining areas
5:00 – 6:00 **Panagiotis Tserolas** (ELVAL, Greece)
Decarbonization and sustainability strategies of the metal industry
6:00 – EOD **Student group study**
Preassigned projects aiming to address environmental problems.

DAY 5/Monday March 29, 2027
(Day dedicated to field trip and focused topic (e.g. Ocean Pollution).
7:15 – 8:15 Breakfast
8:15 – 11:15 **TBD**
Workshop – Simulating the environment on a computer
12:00 – 1:00 Visit to the Eretria Museum
1:00 – 6:00 **From the classroom to the field** (Field trip)
TBD
7:00 – 8:30 **Stratos Tavoulareas** (Georgetown University, USA)
Wolf Pohl (World Bank)
Panagiotis Tserolas (ELVAL)
Theo Anagnostopoulos ("SciCo" - Science Communication)
"Career pathways: Success is not all about academia"
9:00 – 12:00 Social event – Student party

DAY 6/Tuesday: March 30, 2027
7:15 – 8:15 Breakfast
8 :15 – 9 :15 Theo Anagnostopoulos ("SciCo" - Science Communication)
Communicating science with the public
9:30 – 10:00 Student Team 1 presentation
10:15 – 10:45 Student Team 2 presentation
11:00 – 11:30 Student Team 3 presentation
11:45 – 1:15 *Panel Discussion* **NGOs**
1:30 pm Student awards & Group Photo