



# Join the 2<sup>nd</sup> International Summer School on Sustainability in Romania

Tired from too much heat? [Join](#) the International Summer School on Sustainability in Braşov, Romania and learn about climate change mitigation and sustainability.

*From 24<sup>th</sup> to 28<sup>th</sup> July 2023, [Transilvania University of Brasov \(TUB\)](#) together with the two partners of the EU Project SophiA - [Hochschule Karlsruhe \(HKA\)](#) and [Ostschweizer Fachhochschulen \(OST\)](#) are organizing the second edition of the International Summer School on Sustainability in Brasov, Romania. The [first edition](#) was successfully organized in summer 2022 by OST in Rapperswil, Switzerland.*

**40 students from HKA – Hochschule Karlsruhe, OST – Ostschweizer Fachhochschulen, and TUB – Transilvania University of Brasov will attend the *International Summer School on Sustainability* at TUB in Romania. The focus of this edition is biodiversity and food.**

The Sustainability Summer School will focus on sustainability and climate change mitigation technologies. With international experts and applying interactive VARK learning methods, participants will gain new knowledge and competencies about technical solutions to reduce our ecological footprint. After the Sustainability Summer School, we encourage participants to continue their experience by organizing a [Sustainability Week](#) in their home universities. The aim is to build change agents to support increasing the capacity of young people to become active participants in shaping a more sustainable future.

A networking event for students will be organized to enable senior experts from companies all over the world to share their experiences to the students and early career researchers working in the fields of sustainability and renewable energy.

**If you are a student, please fill in [this registration form](#) until Friday, 23<sup>th</sup> of June 2023. Together with the confirmation e-mail, you will receive the full package of information, including the detailed program.**

**If you are an organization willing to partner with the Summer School, please send your request to Prof. Dr. Luminita Scutaru ([lscutaru@unitbv.ro](mailto:lscutaru@unitbv.ro), Romania), Dr. Mihaela Dudita-Kauffeld ([mihaela.dudita@ost.ch](mailto:mihaela.dudita@ost.ch), Switzerland) and Prof. Dr. Michael Kauffeld ([michael.kauffeld@h-ka.de](mailto:michael.kauffeld@h-ka.de), Germany).**

Learn more about bachelor and master programs in the field of green technologies, renewables and environmental engineering at [TUB](#), [HKA](#) and [OST](#).



## Preliminary Program

### Day 1 - Monday, 24<sup>th</sup> of July – Sustainability. Get Educated. Critical Thinking

- Planet: Critical - Seeing the Big Picture
- Sustainability and degrowth
- Empowering young people to be active global citizens and agents of change
- Express Yourself Better - The Power of Speech & Debate

### Day 2 - Tuesday, 25<sup>th</sup> of July – Sustainable energy technologies and energy storage

- Sustainable energy technologies
  - Heat pumps with natural refrigerants
  - Solar thermal systems
  - PV and PVT collectors
- Energy game
- Smart planning methods and control strategies for solar neighbourhoods
- Storage of electrical and thermal energy. Seasonal energy storage and large heat storage
- Revolutionary Energy Storage Cycle with Carbon-Free Aluminium

### Day 3 - Wednesday, 26<sup>th</sup> of July - Biodiversity

- Discover and experience biodiversity - an enriching, interactive and entertaining tour in the Carpathian Mountains

### Day 4 - Thursday, 27<sup>th</sup> of July – Water and food

- Biodiversity – Water – Food - Health Nexus
- Water supply and treatment
- Sustainable agriculture
- How food industry can become net zero by 2050

### Day 5 - Friday, 28<sup>th</sup> of July – Engagement

- Sustainable companies' workshop - Roadmap to Carbon Neutrality
- Incredible sustainable communities & ecovillages around the world
- Psychology of Sustainability and Behaviour Change

