

Date: July 4-6, 2024 (Thursday to Saturday)

Venue | Location

School of Rural, Surveying and Geoinformatics Engineering

National Technical University of Athens

Zografou Campus | Lambadarios Building <https://www.survey.ntua.gr/en/location>

Contact: igarss2024summerschool@convin.gr

IGARSS 2024 Summer School Program

Day 1 - July 4: Data Creation

08:00 Bus Departure from the meeting point

09:00 – 09.30 Registration material pick up

09:30 – 10.00 Ice Breaking Session

10:00 – 11.00 Presentations

10:00 – 10:30

Remote Sensing of the Urban Environment

Nektarios Chrysoulakis, FORTH

10:30 – 11:00

Remote sensing of the Agro-ecosystems

Vassilia Karathanassi, NTUA

11:00 – 12.00 Presentations | In situ measurements, sensors, IoT

11:00 – 11:30

Atmosphere

Georgios Grivas, APCG/NOA

11:30 – 12:00

Agro-ecosystem data availability (space2ground dataset)

Iason Tsardanidis BEYOND/NOA

12:00 – 13.00 Presentation

Satellite data

Thanassis Drivas, BEYOND/NOA

13:00 – 14.00 Lunch Break

14:00 – 15.00 Hands on Data cubes

Thanassis Drivas, BEYOND/NOA

15:00 – 17.30 Challenge Part 1, Data Sets

Thanassis Drivas, BEYOND/NOA

17:30 – 18.30 Bus Departure for NOA – Thissio Visitors' Center

18:30 – 20.00 Social Activity: NOA – Thissio Visitors' Center

20:00 Bus Departure, back to the meeting point

Day 2 - July 5: Data to Application

09:00 Bus Departure from the meeting point

10:00 – 13.00 Presentation & Hands On

Machine Learning for EO
Konstantinos Karantzalos, Bill Psomas, Ioannis Kakogeorgiou, NTUA

13:00 – 14.00 Lunch Break

14:00 – 15.00
Challenge Part 2: Creation of EO App | Pitching presentation of group ideas

15:00 – 17.30
Challenge - Group work | discussion with mentors

17:30 Bus Departure, back to the meeting point

20:30 – 22.30 Thank you Dinner

Vassilainas Restaurant: Delve into the culinary culture of Greece and discover a foodie paradise, with a rich and a vibrant dining culture that is sure to tantalize your taste buds.

Day 3 - July 6: Special Topics & Challenge Outcomes

08:30 Bus Departure from the meeting point

09:30 – 11.00
Participants' Final Revision of Challenges

11:00 – 11.30 Keynote special Topic 1

Data Ethics/FAIR/DMP/DSP
Marie-Francoise Voidrot, OGC

11:30 – 12.00 Keynote special Topic 2

EO in support of SDGs
Orestis Speyer, Research Associate APCG/NOA

12:00 – 12.30 Keynote – Interactive interview

The journey of an ERC holder on RS atmospheric science – we can all try it!
Vassilis Amiridis, Research Director, REACT/NOA

12:30 – 13.30 Lunch Break

13:30 – 15.30 Challenge's outcomes per group

15:30 – 16.30 Discussion & Awards

16.30 – 17.00 Closing | End of Summer School

17:00 Bus Departure, back to the meeting point