

1st EPOS Summer School

23-28 June 2025 – Espai – Olot, Spain

Monday 23 June

Arrival is highly recommended by lunch time, due to the national festivity of St. John, a night of celebration when people come together for [one of the most magical and joyful popular festivals of the year](#). Those arriving on Monday morning are invited to join us for a nice guided walk in town.

13.30-15.00 Welcome lunch

15.00-18.00 Icebreaking, presentation of the participants and their scientific use cases. We'll be selecting together some of the proposed use cases for the hands-on sessions of the following days.

20.00-22.00 Dinner and social activities

DAY 2 – Tuesday 24 June

Theory: Knowing and understanding Research Data Management in Geosciences

9.30- 11.00 Foundations of Data

Part 1: Understanding the data lifecycle, Part 2: (meta)data standards and formats

11.30-13.00 Open Science and FAIR Principles

Discussing challenges and benefits of Open Science; understanding challenges and benefits of FAIR, Understanding Findability, Accessibility, Interoperability, Reusability.

13.00-14.30 Lunch break

14.30-15.30 Data regulation

Memorising the key points of legislation concerning data relevant to geosciences. Understanding and using licenses for different scientific products.

Hands-on section

16.00-18.30 Geoscience data portals used by the participants

Awareness about open data portals relevant to Geoscientists.

DAY 3 - Wednesday 25 June

Theory: Knowing and understanding EPOS and its global partners

9.30- 13.00 The EPOS Research Infrastructure

Understanding the EPOS' governance and Architecture. Introducing other global RIs for Geosciences.

13.00-14.30 Lunch break

Hands-on section

14.00-18.30 Using the EPOS Platform

Discovering data through the EPOS Platform or other sources. Visualising, combining and downloading data through the EPOS Platform. Using and creating Jupyter Notebooks for data analysis. Defining a workflow to manage own data in an open context.

DAY 4 – Thursday 26 June

Hands-on section

9.00-13.00 Multidisciplinary research through the EPOS Platform (part 1)

Creating a real multidisciplinary case study.

13.00-14.30 Lunch break

14.30 -18.00 Multidisciplinary research through the EPOS Platform (part 2)

Each group present its own use case and feedbacks.

DAY 5 - Friday 27 June - field trip

08.30-13.00 Excursion to the volcano area

13.00 Farewell lunch and departures