

NoR sponsorship to the 12th ESA Training Course on Earth Observation 2022 (27 June – 1 July 2022) – Project achievements

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- The course was organised by ESA in collaboration with the Ministry of Education and Science of the Republic of Latvia, the Institute of Environmental Solutions and Riga Technical University.
- Dates: 27 June – 1 July 2022
- Location: Riga Technical University, Faculty of Materials Science and Applied Chemistry.
- Objectives & societal benefits: promote and disseminate EO data and information-based solutions in a variety of scientific and industrial fields.
- Included theoretical information & practical computer exercises, which was facilitated thanks to the use of the Virtual Machines sponsored by NoR.
- Datasets used: Copernicus Sentinel-1 data (SAR sensor) and Copernicus Sentinel-2 data (optical sensor).

Course participants: 35 participants with the following profile: researchers, students, PhD students and young professionals who use EO technology within their research or work and wanted to improve their knowledge of remote sensing. Preference was given to applicants from Latvia and from other Baltic countries.

Course advertised at <https://eo4society.esa.int/event/12th-esa-training-eo-2022/>

Course materials published at <https://eo4society.esa.int/resources/12th-esa-training-eo-2022/>

eo science for society

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This event has passed.

12th ESA Training Course on Earth Observation 2022

📅 June 27, 2022 - July 1, 2022
📍 RTU Faculty of Computer Science and Information Technology

The European Space Agency (ESA) organised an Earth Observation (EO) training course in collaboration with the Ministry of Education and Science of the Republic of Latvia, the Institute of Environmental Solutions and Riga Technical University. The course took place from 27 June - 1 July 2022 at the premises of the Riga Technical University, Faculty of Materials Science and Applied Chemistry.

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12th ESA Training Course on Earth Observation 2022

Theory and practical materials

Access

📄 Download single zip file (275 MB)

Description

Educational materials from the [12th ESA Training Course on Earth Observation 2022](#) held in Riga, Latvia, from 27 June - 01 July 2022.

Access specific videos (click on 🎥), presentation slides (click on 📄), and exercise data (click on 📁) from the sessions here below, or download all the theory slides, practical slides and datasets from the link on the left side window.

Introduction:

- 🎥 📄 ESA Intro and ESA EO Missions, F. Sarti (18 MB)
- 🎥 📄 Lessons learned while working with Sentinel data (theory), D. ...