



European Space Agency, Institute for Environmental Solutions and Ministry of Education and Science of Latvia announces the call for

8th ESA TRAINING COURSE ON RADAR AND OPTICAL REMOTE SENSING Cesis (Latvia), 5 – 9 September, 2016

The European Space Agency (ESA) in cooperation with the Institute for Environmental Solutions (IES) and the Ministry of Education and Science of Latvia (MES) organise a Training Course on Radar and Optical Remote Sensing. It is aimed at the promotion and dissemination of Earth Observation (EO) technology in a variety of science and industrial fields.

We invite researchers, MSc (or close to completion) and PhD students, and professionals from Latvia, Bulgaria, Lithuania, Slovakia and Slovenia (PECS – Plan for European Cooperating States) who use EO technology within their daily work.

PROGRAMME

The course will provide an introduction to the basis of theory and applications of radar and optical remote sensing. It will include theoretical lectures as well as hands-on computing exercises.

MAIN TOPICS

- SAR Introduction
- SAR Applications to Forestry, Land Use and Marine
- SAR Processing Practicals
- Optical Remote Sensing Applications to Agriculture and Land Use
- Practical exercises on Sentinel-1 and Sentinel-2 applications with SNAP toolbox

LECTURERS

- Dr. Francesco Holecz, SARMap
- Mr. Chris Stewart, RSAC Ltd, c/o European Space Agency
- Dr. Christian Thiel, University of Jena
- Prof. Pierre Defourny, Catholic University of Louvain
- Dr. Martin Gade, University of Hamburg

Language: [English](#)

Find detailed programme [here](#)



APPLICATION

MINIMUM REQUIREMENTS

- Basic knowledge of Remote Sensing and/or Geographical Information Systems (GIS)
- Good level of English (at least B1)

APPLICATION DOCUMENTS

- CV including nationality, birth date, academic background, work experience, language skills, university/ faculty or institute details
- Motivation letter explaining the reason of your interest in the course

The applications have to be submitted on the following e-mail address: guna.datava@videsinstitutu.lv

Closing of application submission: 6th June, 2016

Notifications of acceptance: 8th July, 2016

Find more information about the course [here](#)

For questions and more information please contact with IES's Communication and Public Relations specialist Guna Dātava, E: guna.datava@videsinstitutu.lv; T: 26568947