



M.Sc. and Ph.D. in **EARTH SYSTEM SCIENCE**

Earth System Science (ESS) is an interdisciplinary graduate program aimed to explore, understand and teach the Earth as a planet, its relevant complex processes, past and future evolution and its interactions with the human society. The main goal of the program is the **Integrated Exploration of the Earth System** for societal and environmental benefits in harmony.



OBJECTIVES OF THE PROGRAM

To teach and train professionals and students on

- climate change, land-use, resource depletion and environmental degradation
- techno-economic policy issues arising within this context
- paleo-climatic changes, climate variability and climate modeling
- sustainable development
- environmental law
- environmentally friendly local and global policies
- global environmental governance



atmosphere
biosphere
lithosphere
hydrosphere
human



In the ESS Program, students can have their education in one of the three tracks, based on their academic / professional backgrounds

- Earth System Science
- Earth System Modeling
- Energy, Environmental Economics and Policy

JOB OPPORTUNITIES FOR THE GRADUATES

- Ministries and their divisions with energy, environment and environmental policies
- Central level environment and energy related institutions
- Municipalities
- International organizations and programmes (UN,UNDP,UNEP,WHO,WMO,World Bank, etc.)
- EU institutions and programmes
- Non-Governmental Organizations
- Private sector