

Environmental Impact Assessment

(Klemen Kotnik, Ph.D., lecturer)

Subject code: EIA

Year of study: 2.

Lectures: 25

Practical classes: 15

ECTS: 4

Aims of the subject:

The aim is to inform the students with intentions and aims of assessing the environmental impact and with appropriate legal background. The basis of assessing the current state of the elements in the environment (air, water, soil, fauna, flora, habitats, etc.) and characteristics of anticipated interventions. The students will learn about characteristics and specificities of individual elements of the environment and data sources about the state of the environment. They will learn and test methods of quantitative and descriptive assessment of individual effects of intervention in the nature. They will develop abilities to use information tools and sources to acquire relevant data about the environment, and skills for preparation and presentation of concrete cases/examples of environmental impact assessment.

Subject content:

- purpose and aims of environmental impact assessment,
- legal background of procedures during environmental impact assessment,
- types of assessment and their contents,
- description of the state of environment, sources and data relevance,
- types and characteristics of environmental interventions,
- principles of environmental impact assessment,
- evaluation of impacts in view of pollution, devaluation and environmental damage,
- risks of ecological accidents/disasters and influential range of an intervention ,
- environmental impact assessment in interventions on protected areas.

Teaching methods:

lectures, seminar work and its presentation

Student's obligations:

seminar work, written or oral exam.

References

Gantar, A., 2010: Environmental Impact Assessment (orig. Presoja vplivov na okolje) Environmental Protection College, Velenje (internal study material - textbook).

Directive 2001/42/ES on Impact Assessment of some planned environmental programmes

European Commission, 2001: Guidance on EIA

Decree on types of environmental interventions, which need environmental impact assessment (UL. RS 78/06 with amendments)

Decree on the content of report on the impacts of the intended activity into the environment and its method of drawing up (UL. RS 36/09)

Rules on the assessment of acceptability of impacts caused by the execution of plans and activities affecting nature in protected areas (UL. RS 130/04 with amendments)
ARSO webpage (www.arso.gov.si)