	UČNI NAČRT PREDMETA/COURSE SYLLABUS
Predmet	**Metode ocenjevanja vplivov na okolje**
Course title	**Environmental Impact Assessment Methods**

Študijski program in stopnja Study programme and level	**Študijska smer Study field**	**Letnik Academic year**	**Semester Semester**
Upravljanje z okoljem/ 1. stopnja	Ni smeri študija	2. / 3. letnik	4. / 5.
Environmental Management/ 1st Cycle	No study field	2nd / 3rd year	4th / 5th

Vrsta predmeta/Course type	izbirni / elective

Univerzitetna koda predmeta/University course code	1_UO_IP_UN2

Predavanja Lectures	**Seminar Seminar**	**Sem. vaje Tutorial**	**Lab. vaje Laboratory work**	**Teren. vaje Field work**	**Samost. delo Individ. work**	**ECTS**
30				30	90	6

Nosilec predmeta/Lecturer:	mag. Vesna Kolar Planinšič, viš. pred.

Jeziki/ Languages:	**Predavanja/Lectures:**	slovenski/Slovenian
	Vaje/Tutorial:	slovenski/Slovenian

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	**Prerequisites:**
• Vpis v drugi ali tretji letnik študijskega programa. • Študent mora pred izpitom pripraviti portfolio terenskih vaj.	• A prerequisite for inclusion is enrolment in the second or the third year of study. • Students have to successfully prepare portfolio of the field excursions before the examination.

Vsebina:	**Content (Syllabus outline):**
• *Metode ocenjevanja vplivov na naravo.* • *Metode presoje sprejemljivosti na varovana območja* (zavarovana območja in območja evropskega ekološkega omrežja). • *Metode ocenjevanja vplivov na vode* (nadzemne, podzemne vode in poplavno varnost). • *Metode ocenjevanja vplivov na hrup.* • *Metode ocenjevanja vplivov na krajino.*	• *Methods for assessing impacts on nature.* • *Methods of assessing acceptability to protected areas* (protected areas and areas of the European Ecological Network). • *Water impact assessment methods* (above ground, groundwater and flood safety). • *Noise assessment methods.*

• *Metode ocenjevanja vplivov na kulturno dediščino.* • *Metode ocenjevanja vplivov na zdravje.* • *Metode ocenjevanja vpliva na podnebne spremembe in blaženje podnebnih sprememb.* • *Metode vrednotenje vplivov na okolje na praktičnih primerih.* Matrike, ponderiranje. Tabele in analize. Zaključki. Prikazovanje rezultatov. • *Priprava poljudnih povzetkov.*	• *Landscape Impact Assessment Methods.* • *Methods for assessing the impact on cultural heritage.* • *Health impact assessment methods.* • *Methods for assessing the impact of climate change and climate change mitigation.* • *Methods for evaluating environmental impacts in practical cases.* Matrices, weighting. Tables and analyzes. Conclusions. Showing results. • *Preparing popular summaries.*

Temeljna literatura in viri/Readings:

Temeljna literatura/Basic literature

- Leopold, L. B., Clarke, F. E., Hanshaw, B. B., Balsley, J. R. (1971). A Procedure for Evaluating Environmental Impact. Geological Survey Circular 645. Washington: U.S. Geological Survey, str.1-13.
- S. Heiland (2005). 29. Requirement and methods for public participation in SEA, str. 421-430 V: M. Schmidt, Ed. Implementing Strategic Environmental Assessment. Springer, Berlin, New York.
- Joao, E. (2005). Chapter 47 SEA Outlook-Future Challenges and Possibilities, str. 691-698. V: M. Schmidt, Ed. Implementing Strategic Environmental Assessment. Springer, Berlin, New York.
- Uredba o vsebini poročila o vplivih nameravanega posega na okolje in načinu njegove priprave. Uradni list RS, št. 36/09 in 40/17, str.1-7.
- Stenek M., Nardi, B. in Mikulić, N. (2017). Determining the Significal of Environmental Impacts, Analyses of Practice in Croatia. Vodice, september 2017.
- Shopley, J. B. in Fuggle, R. F. (1984). Comprehensive review of current environmental impact assessment methods and techniques. Environmental Management, št. 18, str. 25- 47.
- Sadler B. in Dalal-Clayton, B. (2010). Generic SEA Quality Review Methodology. Proposal to OECD DAC Task Team on SEA. Canadian International Development Agency. Str. 257-267.
- Therivel, R. in Wood, G. (2005). Tools for SEA. In Implementing Strategic Environmental Assessment. Part V-Methodologies for SEA and Public Participation. Environmental Protection in the European Union 2. Springer Berlin, Heidelberg, str. 349-362.
- Josimović B., Prostorni aspekti uticaja vetroelekrana na životno sredinu, institut za arhitekturo i urbanizam Srbije. 4.2 Metodologija strateške procene uticaja na životbno sredino. Beograd, 2017. str. 76-141.

Priporočljiva literatura/Recommended literature

- Glasson, J., Therivel, R. in Chadwick, A. (2007). *Introduction to environmental impact assessment.* Routledge.
- Therivel, R. (2004). *Strategic Environmental assessment in Action*. London: Earthscan.

Cilji in kompetence:	Objectives and competences:
Učna enota prispeva predvsem k razvoju naslednjih splošnih in specifičnih kompetenc: Diplomanti si razvijejo sposobnost za: • analizo, sintezo in predvidevanje rešitev ter posledic na področju varstva okolja, • evidentiranje in definiranje okoljskih problemov, analizo problemov ter pripravo strokovno utemeljenih rešitev, • uporabo znanstvenih metod pri reševanju strokovnih problemov, • sposobnost izdelave ocene stanja okolja na lokalni in državni ravni in priprave strokovne podlage za odločanje, • sposobnost določitve metode ocenjevanja vplivov na okolje glede na problem, • razumevanje metode ponderiranja, • sposobnost izdelave preproste matrike na primeru.	*The learning unit mainly contributes to the development of the following general and specific competences:* Graduates and development skills for: • analyzing, synthesizing and predicting the solution and the consequences of such differences, • evidence in defining environmental problems, in analyzing problems and in law-based solutions, • use scientific methods to solve professional problems, • apply the acquired knowledge in practice. • the ability to make assessments locally and nationally level and to prepare expert basis for decision making, • the ability to determine the methods of assessing the environmental impact on the case examples, • understands weighting methods, • the ability to make a matrix-on the case.

Predvideni študijski rezultati:	Intended learning outcomes:
Študent/študentka: • pozna metode ocenjevanja vplivov na okolje, • uporablja metode vrednotenje vplivov na okolje na praktičnih primerih, • napiše in razčleni poljudne povzetke na primeru, • kritično presoja in analizira ocen vplivov.	*Students:* • know environmental impact assessment methods, • use the method of environmental impact, • write and parse popular summaries on the case, • critically assess and analyze impact assessments.

Metode poučevanja in učenja:	Learning and teaching methods:
• *predavanja* z aktivno udeležbo študentov: razlaga teorije s praktičnimi primeri, diskusija, vprašanja, prikaz primerov posameznih vsebin in metod, reševanje primerov, • *terenske vaje.*	• *lectures* with active student participation: explanation of the theoretical and practical examples, discussion, questions, presentation of environmental thematic and practical examples, problem solving, • *field excursions.*

Načini ocenjevanja:	Delež (v %) Weight (in %)	Assessment:
Načini: • izpit • izdelava portfolia terenskih vaj Ocenjevalna lestvica: ECTS.	 60 % 40 %	Types: • exam • preparation portfolio of the field excursions Grading scheme: ECTS.