



Univerza v Mariboru

Fakulteta za naravoslovje
in matematiko

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Izbrana poglavja iz pristopov k ohranjanju narave
Course title:	<i>Selected Topics in Approaches to Nature Conservation</i>

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Doktorski študij Ekološke znanosti, 3. stopnja		1. ali 2.;	1., 2. ali 3.;
Doctoral Study Ecological Sciences, 3rd degree		1st or 2nd	1st or 2nd or 3rd

Vrsta predmeta / Course type

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. delo Individ. work	ECTS
5	5				140	5

Nosilec predmeta / Lecturer:

Jeziki / Predavanja / Lectures:
Languages: Vaje / Tutorial:

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Znanje biologije, ekologije, populacijske ekologije in uvoda v varstvo narave na ravni univerzitetnega programa

Prerequisites:

Knowledge of biology, ecology, population ecology and introduction to nature conservation at graduate level

Vsebina:

Vsebina predmeta temelji na obravnavanju pristopov praktične aplikacije pri ohranjanju narave. Ti so predvsem vzpostavljanje zavarovanih območij, oblikovanje mrež zavarovanih območij, upravljanje z zavarovanimi območji, varstvo zunaj zavarovanih območij, ekologija renaturacij, varstvo in trajnostni razvoj na lokalni in nacionalni ravni, mednarodni pristopi ohranjanja narave in trajnostnega razvoja.

Content (Syllabus outline):

Subject's content are mainly practical applications in nature conservation: establishing protected areas, designing networks of protected areas, managing protected areas, conservation outside protected areas, restoration ecology, conservation and sustainable development at local and national level, and international approach to conservation and sustainable development.

Temeljni literatura in viri / Readings:

Primack, R.B. (2010): Essentials of Conservation Biology. Sinauer Associates, Sunderland, MA.
Sutherland, W.J. & Hill, D.A. (2010): Managing Habitats for Conservation. Cambridge University Press, Cambridge.

Cilji in kompetence:

- Študenti se bodo seznanili z razlogi za vzpostavljanje zavarovanih območij, spoznali bodo mehanizme vzpostavljanja zavarovanih območij in primere iz prakse
- Študenti bodo spoznali pomen mrež zavarovanih območij in njihovega povezovanja
- Študenti se bodo seznanili orodji upravljanja zavarovanih območij kot so monitoring, identifikacija in upravljanje groženj, upravljanje s habitati, delo z ljudmi in zakonodajni vidik
- Študenti bodo spoznali pomen nezavarovanih območij za varstvo narave in varstvene pristope v urbanih območij ter v agrarnih ekosistemih
- Študenti se bodo seznanili z renaturacijo kot orodjem naravovarstva in bodo spoznali različne načine renaturacij ter primere iz prakse
- Študentje bodo spoznali omejitve in priložnosti, ki izhajajo iz varstva narave, obravnavan bo pravni in socio-ekonomski vidik
- Študentje se bodo seznanili z mednarodnimi dogovori za varstvo vrst in habitatov in spoznali mednarodne fundacije s tega področja

Objectives and competences:

- Students will come to know reasons to establish protected areas, establishing mechanisms and practical examples
- Students will get to know networks of protected areas and their importance
- Students will become familiar with management tools in protected areas, such as monitoring, identifying and managing threats, managing habitats, management and people and regulating activities
- Students will recognize importance of conservation outside protected areas, especially conservation in urban areas and in agricultural areas
- Students will get to know restoration ecology, ecological restoration techniques, and practical examples
- Students will become aware of limitations and development opportunities of nature conservation. Legislative and socio-economic aspect will be considered
- Students will become familiar with international approaches to conservation and sustainable development, such as international agreements to protect species and habitats and funding for conservation

Predvideni študijski rezultati:

Znanje in razumevanje:

- Mehanizmov vzpostavljanja zavarovanih območij in njihovega povezovanja
- Upravljanja različnih zavarovanih območij, izzivov upravljalca, problemov pri upravljanju in rešitev
- Potreb ohranjanja narave izven zavarovanih območij, načinov varstva v urbanih in kmetijskih ekosistemih
- Načrtovanja renaturacij in načinov izvedbe
- Vpliva naravovarstva na lokalni in nacionalni razvoj, perspektive in omejitve
- Pomena mednarodnih dogovorov v varstvu narave, načina njihovega delovanja in vsebine

Intended learning outcomes:

Knowledge and understanding:

- of mechanisms to establish protected areas and importance of their networking
- of management in protected areas, challenges of managers, problems and solutions in management
- of importance of conservation outside protected areas, conservation methods in urban areas and in agricultural areas
- of restoration ecology and ecological restoration techniques
- of impact of conservation upon local and national development, limitations and perspectives
- of international approaches in conservation and sustainable development, of international agreements to protect species and habitats and funding for conservation

Metode poučevanja in učenja:

- Predavanja
- Diskusija s študenti
- Delo na primerih

Learning and teaching methods:

- Lectures
- Discussion pannels
- Problem case work

Delež (v %) /

Načini ocenjevanja:

Weight (in %)

Assessment:

Pisni izpit	50%	Exam
Projektno delo	50%	Project work

Reference nosilca / Lecturer's references:

TOME, Davorin, DENAC, Damijan. Survival and development of predator avoidance in the post-fledging period of the Whinchat (*Saxicola rubetra*): consequences for conservation measures. *Journal für Ornithologie*, ISSN 0021-8375, 2012, vol. 153, no. 1, str. 131-138. <http://dx.doi.org/10.1007/s10336-011-0713-2>, doi: [10.1007/s10336-011-0713-2](https://doi.org/10.1007/s10336-011-0713-2). [COBISS.SI-ID [2387535](#)], [JCR, SNIP, WoS do 2. 10. 2013: št. citatov (TC): 5, čistih citatov (CI): 5, normirano št. čistih citatov (NC): 5, Scopus do 22. 1. 2014: št. citatov (TC): 6, čistih citatov (CI): 6, normirano št. čistih citatov (NC): 6]

BOŽIČ, Luka, DENAC, Damijan. Številčnost in razširjenost izbranih gnezdilke struge reke Drave med Mariborom in Središčem ob Dravi (SV Slovenija) v letih 2006 in 2009 ter vzroki za zmanjšanje njihovih populacij = Abundance and distribution of selected breeding river-bed birds on the Drava River between Maribor and Središče ob Dravi (NE Slovenia) in 2006 and 2009, and causes of the reduction of their populations. *Acrocephalus*, ISSN 0351-2851, 2010, letn. 31, št. 144, str. 27-45, ilustr., doi: [10.2478/v10100-010-0004-7](https://doi.org/10.2478/v10100-010-0004-7). [COBISS.SI-ID [27898073](#)]

KOCE, Urša, DENAC, Damijan. Social foraging and habitat use by a long-distance passerine migrant, Whinchat *Saxicola rubetra*, at a spring stopover site on the SE Adriatic coast. *Journal für Ornithologie*, ISSN 0021-8375, 2010, vol. 151, issue 3, str. 655-663. <http://dx.doi.org/10.1007/s10336-010-0506-z>, doi: [10.1007/s10336-010-0506-z](https://doi.org/10.1007/s10336-010-0506-z). [COBISS.SI-ID [2210127](#)], [JCR, SNIP, WoS do 12. 7. 2010: št. citatov (TC): 0, čistih citatov (CI): 0, normirano št. čistih citatov (NC): 0, Scopus do 18. 6. 2012: št. citatov (TC): 0, čistih citatov (CI): 0, normirano št. čistih citatov (NC): 0]

DENAC, Damijan, KOCE, Urša, TOME, Davorin, VREZEC, Al. Lov in uravnavanje populacij ptic = Hunting and population regulation in birds. *Varstvo narave*, ISSN 0506-4252, 2010, št. 23, str. 39-53. [COBISS.SI-ID [26944473](#)]

DENAC, Damijan, SMOLE, Jakob, VREZEC, Al. Naravovarstveno vrednotenje aviafavne ob Savi med Krškimi in Jesenicami na Dolenjskem s predlogom novega mednarodno pomembnega območja (IBA) za ptice v Sloveniji = Aviafaunal conservation assessment of the Sava river between Krško and Jesenice na Dolenjskem and a proposal for a new important bird area (IBA) in Slovenia. *Natura Sloveniae*, ISSN 1580-0814. [Tiskana izd.], 2009, letn. 11, št. 1, str. 25-57. [COBISS.SI-ID [25757145](#)]