

TRAJNOSTNO UPRAVLJANJE S PITNO IN ODPADNO VODO

UČNI NAČRT PREDMETA/COURSE SYLLABUS

Predmet:	TRAJNOSTNO UPRAVLJANJE S PITNO IN ODPADNO VODO
Course title:	SUSTAINABLE MANAGEMENT OF DRINKING AND WASTE WATER
Članica nosilka/UL	UL FU
Member:	

Študijski programi in stopnja	Študijska smer	Letnik	Semestri	Izbirnost
Uprava, prva stopnja, visokošolski strokovni	Uprava (študijski program)	2. letnik, 3. letnik	1. semester	izbirni

Univerzitetna koda predmeta/University course code: 0559170

Koda učne enote na članici/UL Member course code: 1674

Predavanja /Lectures	Seminar /Seminar	Vaje /Tutorials	Klinične vaje /Clinical tutorials	Druge oblike študija /Other forms of study	Samostojno delo /Individual student work	ECTS
30				90	60	6

Nosilec predmeta/Lecturer: Veronika Petkovšek

Vrsta predmeta/Course type: Splošno izbirni/Elective

Jeziki/Languages: Predavanja/Lectures: Angleščina, Slovenščina
Vaje/Tutorial:

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

Ni pogojev.

Prerequisites:

No prerequisites.

Vsebina:

1. Gospodarjenje z vodnimi viri
2. Učinkovitost upravljanja z vodnimi viri
3. Analiza upravljanja s pitno in odpadno vodo v lokalnih skupnostih
4. Proučevanje sodelovanja med javnim in zasebnim sektorjem pri upravljanju s pitno in odpadno vodo v lokalnih skupnostih ter vključenost nevladnih
5. Primerjalna analiza mehanizmov zagotavljanja GJS oskrbe s pitno vodo ter odvajanja in čiščenja komunalne in padavinske odpadne vode v lokalnih skupnostih
6. Analiza upravljanja vodne komunalne infrastrukture v lokalnih skupnostih
7. Ocena izzivov in problemov na področju upravljanja s pitno in odpadno vodo v lokalnih skupnostih

Content (Syllabus outline):

1. Water resources management
2. Efficiency of water resources management
3. Analysis of drinking and waste water management in local communities
4. Studying the cooperation between the public and private sector in the management of drinking and waste water in local communities and the involvement of non-governmental organizations
5. Comparative analysis of mechanisms for providing utilities of drinking water supply and sewage and wastewater treatment in local communities
6. Analysis of management of water utility infrastructure in local communities
7. Challenges and problem assessment in the field of drinking and waste water management in local communities

<p>8. Ocena priložnosti na področju upravljanja s pitno in odpadno vodo v lokalnih skupnostih v sodelovanju z nevladnimi organizacijami</p> <p>9. Analiza možnosti za izboljšanje učinkovitosti upravljanja s pitno in odpadno vodo v lokalnih skupnostih v sodelovanju z nevladnimi organizacijami</p> <p>10. Analiza možnosti za doseg trajnostnega upravljanja s pitno in odpadno vodo v lokalnih skupnostih v sodelovanju z nevladnimi organizacijami</p> <p>11. Oblikovanje predlogov rešitev za izboljšanje učinkovitosti upravljanja s pitno in odpadno vodo v lokalnih skupnostih</p> <p>12. Oblikovanje predlogov rešitev za doseg trajnostnega upravljanja s pitno in odpadno vodo v lokalnih skupnostih</p>	<p>8. Opportunities assessment in the field of drinking and waste water management in local communities in cooperation with non-governmental organizations</p> <p>9. Analysis of options to improve the efficiency of drinking and waste water management in local communities in cooperation with non-governmental organizations</p> <p>10. Analysis of options to reach the sustainability in the field of drinking and waste water management in local communities in cooperation with non-governmental organizations</p> <p>11. Solution development for improving the efficiency of drinking and waste water management in local communities</p> <p>12. Solution development for reaching the sustainability in the field of drinking and waste water management in local communities</p>
--	--

Temeljna literatura in viri/Readings:

<p>1. Bel, G., Fageda, X. & Mur, M. (2013) Why Do Municipalities Cooperate to Provide Local Public Services? An Empirical Analysis, <i>Local Government Studies</i>, 39(3), pp. 435–454.</p> <p>2. Blaeschke, F. & Haug, P. (2018) Does Intermunicipal Cooperation Increase Efficiency? A Conditional Metafrontier Approach for the Hessian Wastewater Sector, <i>Local Government Studies</i>, 44(1), pp. 151–171.</p> <p>3. Boulware, B. E. W. (2013). <i>Alternative Water Sources and Wastewater Management</i>. McGraw-Hill: New York, London, United States. (izbrane vsebine)</p> <p>4. Inštitut za javne službe. (2016). Primerjalna analiza izvajanja obveznih občinskih gospodarskih javnih služb varstva okolja – II in III. faza projektne naloge. Ljubljana: Inštitut za javne službe. (izbrane vsebine)</p> <p>5. Inštitut za javne službe. (2016). Primerjalna analiza izvajanja obveznih občinskih gospodarskih javnih služb varstva okolja – I. faza projektne naloge. Ljubljana: Inštitut za javne službe. (izbrane vsebine)</p> <p>6. Kochhar, K. et al. (2015). Is the Glass Half Empty or Half Full? Issues in Managing Water Challenges and Policy Instruments. IMF Staff Discussion Note. SND/15/11. (izbrane vsebine)</p> <p>7. Schoute, M., Budding, T. & Gradus, R. (2018) Municipalities' Choices of Service Delivery Modes: The Influence of Service, Political, Governance, and Financial Characteristics, <i>International Public Management Journal</i>, 21(4), pp. 502–532.</p> <p>8. The United Nations World Water Development Report 4: Managing Water under Uncertainty and Risk (Vol. 1), Paris: UNESCO 2012. (izbrane vsebine)</p>
--

Cilji in kompetence:

<p>Cilji:</p> <ul style="list-style-type: none"> • študent razume upravljanje s pitno in odpadno vodo na ravni lokalnega gospodarstva ter sodelovanje javnega in zasebnega sektorja • študent se seznani z različnimi mehanizmi zagotavljanja GJS oskrbe s pitno vodo ter odvajanja in čiščenja komunalne in padavinske odpadne vode ter ovrednotiti vlogo in možnosti za sodelovanje z nevladnimi organizacijami • študent se seznani z aktualnim lokalnim dogajanjem na področju pitne in odpadne vode • študent prepozna problem ali izziv pri upravljanju s pitno in/ali odpadno vodo v izbrani občini • študent poišče in pripravi predloge rešitve za prepoznani problem, izziv ter predlog rešitve predstavi deležnikom iz prakse 	<p>Objectives and competences:</p> <p>Objectives:</p> <ul style="list-style-type: none"> • student understands the management of drinking and waste water at the local economy level and the cooperation of public and private sector • the student becomes acquainted with the various mechanisms of providing utilities of drinking water supply and sewage and wastewater treatment and to evaluate the role and opportunities for cooperation with non-governmental organizations • the student gets acquainted with current local situation in the field of drinking and waste water • the student recognizes a problem or challenge in the management of drinking and / or wastewater in the selected municipality
--	--

<p>Kompetence:</p> <ul style="list-style-type: none"> • študent je sposoben razumeti pomen upravljanja s pitno in odpadno vodo • študent je sposoben kritično ovrednotiti vlogo lokalnih skupnosti pri upravljanju s pitno in odpadno vodo • študent je sposoben prepoznati in kritično presoditi problem na področju upravljanja s pitno in/ali odpadno vodo • študent je sposoben samostojno poiskati in oblikovati predlog rešitve za prepoznani problem • študent je sposoben o ustreznosti svoje rešitve prepričati deležnike iz prakse, s čimer izkaže tudi sposobnost za delo oziroma sodelovanje z nevladnimi organizacijami 	<ul style="list-style-type: none"> • the student finds and prepares solutions for the identified problem, challenge and presents the solution proposal to the interested stakeholders <p>Competences:</p> <ul style="list-style-type: none"> • The student is able to understand the importance of drinking and waste water management • The student is able to critically evaluate the role of local communities in managing drinking and waste water • the student is able to identify and critically evaluate the problem in the field of drinking and / or wastewater management • the student is able to independently find and formulate a solution proposal for a recognized problem • the student is able to convince interested stakeholders about their solution, which points for the ability of work or cooperation with non-governmental organizations
--	--

<p>Predvideni študijski rezultati:</p> <p>Študent:</p> <ul style="list-style-type: none"> • je usposobljen za samostojno uporabo pridobljenega znanja in razumevanje teorije na praktičnih primerih, • je usposobljen za reševanje problemov in iskanje novih rešitev, • je usposobljen za presojo o predvidljivih posledicah določenih ukrepov ob upoštevanju različnih kriterijev, • je usposobljen za komuniciranje in sporočanje določenih dejstev in za utemeljevanje odločitev. 	<p>Intended learning outcomes:</p> <p>The student</p> <ul style="list-style-type: none"> • is trained to independently use the knowledge gained and to understand theory in practical cases, • is capable of solving problems and finding new solutions, • is competent to assess the foreseeable consequences of particular measures, taking into account different criteria, • is competent to communicate and provide certain facts and to justify decisions.
--	---

<p>Metode poučevanja in učenja:</p> <ol style="list-style-type: none"> 1. priprava na predavanja (obvezno) 2. predavanje (obvezno) 3. študija primera 4. seminarska naloga 	<p>Learning and teaching methods:</p> <ol style="list-style-type: none"> 1. preparations for lectures 2. lecture 3. case study 4. seminar paper
---	--

Načini ocenjevanja:	Delež/Weight	Assessment:
pisni in/ali ustni izpit	60,00 %	written and/or oral exam
seminarska naloga	40,00 %	seminar paper

<p>Reference nosilca/Lecturer's references:</p> <ol style="list-style-type: none"> 1. PETKOVŠEK, Veronika, PEVCIN, Primož. An inquiry into causes and consequences of the reorganization of local public enterprises in Slovenia. V: ŠIMURINA, Jurica (ur.), NAČINOVIĆ BRAJE, Ivana (ur.), PAVIĆ, Ivana (ur.). Odyssey Conference : proceedings of FEB Zagreb. Zagreb: University of Zagreb, Faculty of economics and business, 2019. Vol. 1, no. 1, str. 645-657, tabele. Odyssey Conference, vol. 1, no. ISSN 2671-132X. https://drive.google.com/file/d/1BIHR01uYpATKoYhc4pXY_Djx3F_H1XYw/view. 2. PETKOVŠEK, Veronika, PEVCIN, Primož. Policy changes and public utilities : the effect of public private partnership act on the reorganization of local public enterprises in Slovenia. V: Public administration for well-being and growth. Iași: NISPAcee. 2018. http://www.nispa.org/conf_paper_details2018.php?cid=26&p=4101&pid=5318. 3. PETKOVŠEK, Veronika, PEVCIN, Primož. The effects of the public-private partnership act on the Slovenian public utilities providers. Mednarodna revija za javno upravo. [Tiskana izd.]. dec. 2017, letn. 15,

št. 3/4, str. 191-202. ISSN 2335-3414. http://www.fu.uni-lj.si/fileadmin/usr-files/MRJU/MRJU_2017-03-04_09_Petkovsek__Pevcin.pdf. [COBISS.SI-ID 5151406]

4. PETKOVŠEK, Veronika, HROVATIN, Nevenka, PEVCIN, Primož. Preoblikovanje obstoječih javnih podjetij kot najpogostejše oblike izvajanja gospodarskih javnih služb v Sloveniji : pregled izvajalcev vodnega gospodarstva = Reorganization of existing public enterprises as the most spread form of commercial public utilities' provision in Slovenia : review of water management providers. V: DEČMAN, Mitja (ur.). Javna uprava kot gonilo družbe : e-zbornik člankov. 1. izd. Ljubljana: Fakulteta za upravo, 2017. Ilustr. ISBN 978-961-262-106-3. http://www.fu.uni-lj.si/fileadmin/usr-files/Zalozba/DSU2017_E-zbornik_clankov.pdf.
5. PETKOVŠEK, Veronika, PEVCIN, Primož. Governance issues and management of municipal water and wastewater utilities in Slovenia and selected European countries. V: SITAR, Aleša Saša (ur.), et al. Corporate governance : challenges and development : conference papers. 4th International Conference on Management and Organisation, Brdo pri Kranju, 9-10 June 2016. Ljubljana: The Slovenian Academy of Management, 2016. Str. 207-222. ISBN 978-961-92878-6-6.