

AGENDA

ECOBIAS Roundtable 7 October 2021/Okrugli sto 7.10.2021.g.

Venue/Mjesto održavanja: University of Tuzla

Muhameda Hevajje Uskufije 7, 75000 Tuzla, Bosnia and Herzegovina, Faculty of Natural Sciences and Mathematics and Faculty of Law / Prirodno-matematički fakultet i Pravni fakultet Univerziteta u Tuzli

Moderators/Moderatori: Jasmina Kamberović, Elvira Hadžiahmetović Jurida

Thursday, 7 October 2021/Četvrtak, 7.10.2021.g.

	<p>Roundtable, Faculty of Natural Sciences and Mathematics, University of Tuzla/Okrugli sto, Prirodno-matematički fakultet, Univerzitet u Tuzli</p> <p>Enhancement of Cooperation Between HEIs and the Real Sector in the Field of Management and Monitoring of Aquatic Resources/Unapređenje saradnje univerziteta i realnog sektora u upravljanju i monitoringu vodnim resursima</p>
13:00-13.15	Registration&Epidemiological ID/Registracija i ispunjavanje epidemiološkog lista
13:15-13.30	<p>Uvodne riječi: prof.dr. Vesna Bratovčić, prorektorica za međunarodnu saradnju UNTZ, prof.dr. Vedad Pašić, Dekan PMF-a u Tuzli, Ministar obrazovanja i nauke Tuzlanskog kantona: dr.sc. Elvis Baraković</p> <p>Značaj ERASMUS ECOBIAS projekta za Univerzitet u Tuzli saradnju sa privredom</p> <p>Introduction by Vice Rector Vesna Bratovčić, Dean Vedad Pasic (PMF TZ), Minister for education and science TK, dr.sc. Elvis Baraković</p> <p>The Importance of the ERASMUS ECOBIAS Project for the University of Tuzla and Cooperation with the Economy</p>
13:30-14.00	<p>Pregled dosadašnjeg naučno-istraživačkog rada o vodenim ekosistemima na Univerzitetu u Tuzli/Review of Research on Aquatic Ecosystems at the University of Tuzla</p> <p>Prirodno-matematički fakultet/Faculty of Natural Sciences and Mathematics: prof.dr. Avdul Adrović, prof.dr. Isat Skenderović, prof.dr. Jasmina Kamberović, prof.dr. Elvira Hadžiahmetović Jurida, prof.dr. Semir Ahmetbegović</p> <p>Tehnološki fakultet/Faculty of Technology: prof.dr. Franc Andrejaš, dr.sc. Vedran Stuhli</p>
14:00-14:10	<p>Aktivnosti Ministarstva poljoprivrede, šumarstva i vodoprivrede u upravljanju vodama u Tuzlanskom kantonu (TK)</p> <p>Elvira Salihović, pomoćnik Ministra</p>

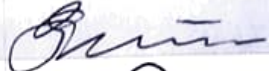
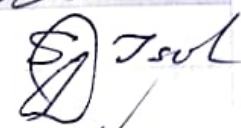



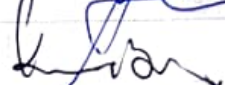
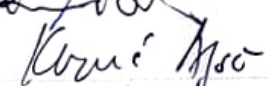
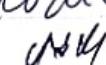
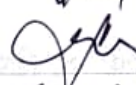
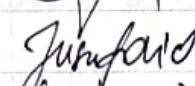
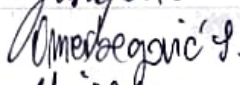
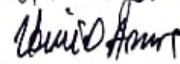
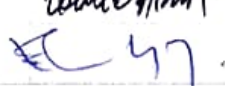
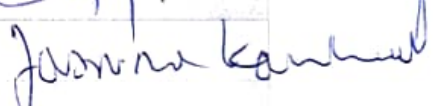
	<p>Activities of the Ministry of Agriculture, Forestry and Water Management in the Field of Water Management in Tuzla Canton Elvira Salihović, Assistant to the Minister</p>
14.10-14:20	<p>Aktivnosti Ministarstva prostornog uređenja i zaštite okolice TK-a Ministar Zvezdan Karadžin, Zamjenik ministra Goran Mišić</p> <p>Activities of the Ministry of Spatial Planning and Environmental Protection, Tuzla Canton Zvezdan Karadžin, Minister Goran Mišić, Deputy Minister</p>
14.20-14.50	<p>Kako poboljšati stanje kvaliteta voda u Gradu Tuzla, Gradu Živinice i Gradu Lukavcu Predstavnik Grada Tuzla, gradonačelnik grada Živinice dr.sc. Samir Kamenjaković, Gradonačelnik Lukavca, Edin Delić, savjetnik gradonačelnika Grada Lukavca Alen Nuhić</p> <p>How to Improve Water Quality in the City of Tuzla, City of Živinice and City of Lukavac Tuzla City representative; Samir Kamenjaković, Mayor of Živinice; Edin Delić, Mayor of Lukavac, Alen Nuhić, Counsel to the Mayor, Lukavac</p>
14.50-15.00	<p>Zavod za javno zdravstvo Tuzlanskog kantona kao bitan segment u unapređenju monitoringa voda Direktorica Zavoda prof. dr. Maida Mulić</p> <p>Public Health Institute as an Important Segment in the Enhancement of Water Monitoring Prof.dr. Maida Mulić, Director</p>
15.00-15.10	<p>Uloga monitoringa kvaliteta otpadnih voda iz rudarskih objekata dr.sc. Jasmina Isabegović, dipl.ing.rud., Rudarski institut Tuzla</p> <p>The Role of Mining Facilities Wastewater Quality Monitoring Jasmina Isabegović, PhD, BSc Mining, Mining Institute Tuzla</p>
15.10-15.25	<p>Aktivnosti JP za vodoprivrednu djelatnost „Spreča“ d.d. Tuzla u monitoring i upravljanju vodnim resursima u Tuzlanskom kantonu</p> <p>Dr.sc. Omer Kovčić, dipl.ing.građevine; Ajša Klopić, dipl.ing.tehnologije; mr. Adisa Skejić Murathodžić, dipl. Sanitarni ing.; Javno preduzeće za vodoprivrednu djelatnost „Spreča“ d.d. Tuzla</p> <p>Activities of the Public Company for Water Management “Spreča” in the Monitoring and Management of Aquatic Sources in Tuzla Canton Omer Kovčić, PhD, BSc Civ Eng; Ajša Klopić, BSc Technology; Adisa Skejić Murathodžić, MSc Sanitary Science; Public Company for Water Management “Spreča”, Tuzla</p>
15.25-15.40	<p>Monitoring voda u regiji - uloga Sveučilišta u Zagrebu u upravljanju vodnim resursima Hrvatske Prof.dr. Marko Miliša, Sveučilište u Zagrebu</p> <p>Water Monitoring in the Region - the Role of the University of Zagreb in Eco-Monitoring Marko Miliša, PhD, the University of Zagreb</p>

15.40-15.50	<p>Dosadašnje aktivnosti nevladinog sektora u monitoringu voda. Amra Skramončin, Centar za ekologiju i energiju Tuzla Amela Jusufović, Udruženje za zaštitu prirode i biodiverziteta "Via naturae"</p> <p>Activities of the NGO Sector in the Field of Water Monitoring Amra Skramončin, the Center for Ecology and Energy Tuzla Amela Jusufović, Association for protection of nature and biodiversity "Via naturae"</p>
15.50-16.00	<p>Očekivanja studenata od ECOBIAS projekta Samela Selimović, student novog EMAB master programa</p> <p>Student Expectations from ECOBIAS Project Samela Selimović, prospective student of the new EMAB master program</p>
16.00-17.00	<p>Diskusija i zaključci/Discussion and Conclusions Kafe pauza na zahtjev učesnika Coffee break on demand</p>

Annex1. Attendance List

Event	Round Table
Venue	Muhameda Hevalje Uskufije 7, 75000 Tuzla, Bosnia and Herzegovina, Faculty of Natural Sciences and Mathematics and Faculty of Law/University of Tuzla
Date	7 th October 2021
Organiser(s)	PB University of Tuzla; Jasmina Kamberović, Elvira Hadžiahmetović Jurida

No	Name and Surname	Institution	Signature
1.	MILNES BRKIĆ	IMF - Biologija	Milnes
2.	Jasmin Bilić	PMF - Biologija	Jasmin
3.	Edar Razić	PMF - Biologija	Edar
4.	Emina Nušić	PMF - Biologija	Emina Nušić
5.	Helisa Mujčinović	PMF - Biologija	Helisa Mujčinović
6.	Samela Šehinović	PMF	Samela
7.	Irina Halilović	PMF	Irina Halilović
8.	Arđul Adović	PMF	Arđul Adović
9.	Juan Antagonović	PMF - Geografija	Juan Antagonović
10.	Vesna Milić	PMF	Vesna Milić
11.	Samir Karamanović	GRAD Tuzla	Samir
12.	Nesradin Džed	GRAD Tuzla	Nesradin
13.	Jasmina Ischegović	Rudarski Institut Tuzla	Jasmina Ischegović
14.	AMRA ŠKARNIČIĆ	CEE	Amra
15.	Zvira Turčić	Rudarski Institut Tuzla	Zvira Turčić
16.	Elved Meković	Ministarstvo odgoja i nauke TR	Elved

- | | | | |
|-----|---------------------|-----------|---|
| 17. | Goran Milić | MPU:20 |  |
| 18. | Isak Skenderović | PMF |  |
| 19. | Đorđe Đelić | Opština |  |
| 20. | Vera Ivanković | UNT2 |  |
| 21. | MARKO MILIĆ | PMF 29 |  |
| 22. | OMER KOVIĆ | JP SPREČA |  |
| 23. | KLOPIĆ AŠIJA | JP SPREČA |  |
| 24. | Adnan Džikić | JP SPREČA |  |
| 25. | Elvir Šahinović | MPiV |  |
| 26. | Amela Jusufović | PMF |  |
| 27. | Jasmina Omerbegović | PMF |  |
| 28. | Ković Amra | PMF |  |
| 29. | Elvir Kuburović | JP SPREČA |  |
| 30. | Jasmina Karišević | PMF, UNT2 |  |
| 31. | | | |
| 32. | | | |
| 33. | | | |

Annex 7. Summary of the Participant Feedback Form for Round Table (to be filled by host institution)

Part 1: Round Table Information

First ECOBIAS Roundtable at UNTZ (P8) held on 7th October 2021, *Enhancement of Cooperation Between HEIs and the Real Sector in the Field of Management and Monitoring of Aquatic Resources/Unapređenje saradnje univerziteta i realnog sektora u upravljanju i monitoringu vodnim resursima*

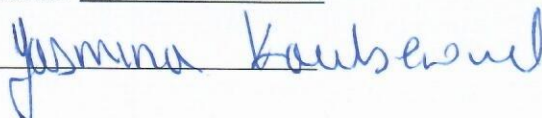
Date: 7th October 2021

Place: University of Tuzla (P8), Muhameda Hevajje Uskufije 7, 75000 Tuzla, Bosnia and Herzegovina, Faculty of Natural Sciences and Mathematics and Faculty of Law

Event objective/ Round table title: Enhancement of Cooperation Between HEIs and the Real Sector in the Field of Management and Monitoring of Aquatic Resources. The aim of round table is primarily to create proactive strategy with stakeholders in the field of ecological monitoring and bioassessment and enhancement of cooperation. During these events the benefits of ECOBIAS project for stakeholders will be explained, together with the effect of the improvement in knowledge/skills in EMAB. Target groups of these events are: teaching staff, students, administrative staff, technical staff, EMAB professionals and EMAB stakeholders, Local community Fishing, Lumber and Water Supply Industry Tourism.

Evaluator name : Jasmina Kamberović

Signature



Evaluator: Affiliation university of Tuzla

Results to be filled by organisers based on the questionnaire results.

Please note: insert only the overall percentage of all feedback forms received (e.g. participants total number = 30; 15 of them were most satisfied and 15 of them satisfied – please include 50% in the column most satisfied and 50% in the column satisfied.)

Part 2: Organization and Structure

Organizational feature	3 Strongly Agree	2 Agree	1 Disagree	0 Strongly Disagree
The objectives of the event were clearly defined	94.4%	5.5%		
Information related to each item prepared well in advance of the event	83.3%	16.6%		
The material distributed were helpful and on time	88,8%	11.1%		
The presentations meet my expectation	77.7%	22.22%		
Participations and interaction were encouraged by moderator	83.3%	11.1%	5.5%	
The Round Table objectives were met	83.3%	16.6%		
The timeframe was adequate	77.7%	22.22%		
The facilities were adequate	83.3%	16.6%		
Skill practice sessions were included	83.3%	16.6%		
Suggestion and criticism box (please include comments received)	Positive descriptive feedbacks: multidisciplinary approach, well organized, important stakeholders present, new opportunities for cooperation in local community, useful for students, productive.			
	136	25	1	Total:162
	82.42%	15.43	0.61%	

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Annex 10. EVENT REPORT

Title of document	First ECOBIAS Roundtable at UNTZ (P8) Enhancement of Cooperation Between HEIs and the Real Sector in the Field of Management and Monitoring of Aquatic Resources
Work Package	Dissemination WP5
Last version date	(10/10/21)
Status	Draft xFinal
Document version	v.01
File name	Task 5.5: Event report on the first Round table held at UNTZ
Number of pages	6
Dissemination Level	Internal

VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Revision Description	Partner Responsible
v.01	10/10/21	First draft	P8 UNTZ

LIST OF ABBREVIATIONS

P8 – UNTZ – University of Tuzla

Purpose, objectives and elements of event

First Round table held at UNTZ titled: *Enhancement of Cooperation Between HEIs and the Real Sector in the Field of Management and Monitoring of Aquatic Resources*. The aim of this round table is primarily to create proactive strategy with stakeholders in the field of ecological monitoring and bioassessment and enhancement of cooperation. During these events the benefits of ECOBIAS project for stakeholders will be explained, together with the effect of the improvement in knowledge/skills in EMAB. Target groups of these events are: teaching staff, students, administrative staff, technical staff, EMAB professionals and EMAB stakeholders, Local community Fishing, Lumber and Water Supply Industry Tourism.

LIST OF PARTICIPANTS

1. Mirnes Brkić (EMAB master student UNTZ)
2. Jasmin Brkić (student UNTZ)
3. Eldar Razić (student UNTZ)
4. Emina Mušić (EMAB master student UNTZ)
5. Melisa Mujčinović (student)
6. Samela Selimović (EMAB master student UNTZ)
7. Irina Halilović (EMAB master student UNTZ)
8. Avdul Adrović (professor UNTZ)
9. Semir Ahmetbegović (professor UNTZ)
10. Vedad Pašić (dean of the Faculty at UNTZ)
11. Samir Kamenjaković (the mayor of the municipality Živinice)
12. Nedžad Delić (representative of the municipality Tuzla)
13. Jasmina Isabegović (representative of the Mining Institute Tuzla)
14. Amra Skramončin (representative of the NGO Centar za ekologiju I energiju Tuzla)
15. Zerina Terzić (representative of the Mining Institute Tuzla)
16. Fuad Mešanović (representative of the Ministry of education and science of Tuzla canton)
17. Goaran Mišić (deputy minister for planning and environmental protection of Tuzla canton)
18. Isat Skenderović (professor UNTZ)
19. Edin Delić (the mayor of the municipality Lukavac)
20. Vesna Bratovčić (vice rector of the University of Tuzla)
21. Marko Miliša (professor at University of Zagreb)
22. Omer Kovčić (representative of the public company Vodoprivreda Spreča)
23. Klopčić Ajša (representative of the public company Vodoprivreda Spreča)
24. Adisa Skejić Murahodžić (representative of the public company Vodoprivreda Spreča)
25. Elvira Salihović (deputy minister for agriculture, agriculture, water management and forestry)
26. Amela Jusufović (EMAB master student UNTZ and representative of NGO Via naturae)
27. Sabina Omerbegović (student UNTZ)
28. Ikinić Amra (EMAB master student UNTZ)
29. Elvira Hadžiahmetović Jurida (professor UNTZ – moderator)
30. Jasmina Kamberović (professor UNTZ – moderator)

Date of the 1st day

7th October 2021

Moderators Jasmina Kamberović and Elvira Hadžiahmetović Jurida opened the round table and presented the goals and purpose of the round table, which were enhance cooperation between teaching staff, students, stakeholders and local community in water monitoring and water protection.

Introductory remarks were given by representatives of the University of Tuzla, vice rector prof. Vesna Bratovčić and Dean of the Faculty of natural sciences and mathematics, prof. Vedad Pašić, especially referring to the results of the launching of the new EMAB master program at UNTZ. Representatives of the Ministry of Education and Science Fuad Mešanović emphasized the support of the Ministry in launching the new master's program.

Review of the studies on aquatic ecosystems at the University of Tuzla was presented by university professors (prof. Avdul Adrović, prof. Isat Skenderović, prof. Semir Ahmetbegović, prof. Jasmina Kamberović and prof. Elvira Hadžiahmetović Jurida) with the aim of setting the initial topic for what purpose the scientific results are used in water management in Tuzla Canton. The success of achieving a multidisciplinary approach in the EMAB master's program and opportunities for even better cooperation within and outside the faculty are emphasized in their addressed.

Activities of the Ministry of agriculture, forestry and water management were presented by the deputy minister Elvira Salihović. She spoke about the past and current projects of this ministry, which were mostly focused on flood protection and water management in Tuzla canton. She emphasizes the willingness of the ministries to cooperate with other sectors in applications for future projects. Deputy minister of the Ministry of spatial planning and environmental protection in Tuzla Canton, Goran Mišić spoke about curent project and initiatives for the improvement of water quality in the large Modrac reservoir, which is extremely important for the economy and water supply of the entire Canton nad Bosnia and Herzegovina. There was an open discussion about the necessity of protecting Lake Modrac and preventing pollution. Mayors of the municipalities of Lukavac and Živinice (Edin Delić and Samir Kamenjaković) pointed out the problem of wastewater treatment, which has not yet been regulated in several minicipalies in the Tuzla Canton. For the necessity of purifying wastewaters that flows directly into the lake Modrac, Edin Delić proposes the development of joint applications for the construction of artificial wetlands.

Representatives of the public sector from the water company Vodoprivreda Spreča pointed out the problems of reducing the volume of water in the lake, with the deteriorating water condition, and stressed the need for a systemic solution of the problem. Several approaches have been discussed, among which is the current initiative on the need to desilt the lake. Professor Marko Miliša (UNIZG) presented how similar problems with large reservoirs in neighbouring Croatia are solved, which include periodic drying and cleaning of sludge. Bearing in mind that after purification process, lake Modrac is used to supply the city of Lukavac and Tuzla with drinking water, a discussion was opened on the need to monitor eutrophication and the problems of potential bloom of cyanobacteria and the development of cyanotoxins. It was concluded that monitoring of cyanotoxins is not an integral part of the analyses in the Tuzla canton and that due to potential problems it should be included in the precautionary measures in the analyses bearing in mind the specificity of the water supply of the city of Tuzla. This discussion was initiated by the NGO sector (Centar za ekologiju i energiju) who presented the results of their research on the high content of heavy metals in water and fish tissues in the lake. Representative of the Mining Institute Tuzla, Jasmina Isabegović explained the role of quality monitoring of mining facilities wastewaters for reduction of heavy metals pollution.

Representative of the Ministry of spatial planning and environmental protection gave the initiative to convene a conference on the topic of pollution of Lake Modrac and the Spreča River, inviting all key institutions, with the aim of starting to solve the problem of excessive pollution of this surface waters.

At the end, the students of the newly launched master's program addressed the participants with a vision of how quality monitoring and cooperation can contribute to a better state of the environment.

CONCLUSIONS

The round table *Enhancement of Cooperation Between HEIs and the Real Sector in the Field of Management and Monitoring of Aquatic Resources* brought together important target groups: stakeholders, professors, students, public sector, local communities. A discussion was opened on the important topics of improvement the quality of Lake Modrac and ver polluted Spreča River, also the need for mutual cooperation between institutions and the need to achieve better results with a multidisciplinary approach and exchange of knowledge. The students of the new master's program were recognized as essential participants in further action. Ideas were proposed for the creation of joint applications in the field of wastewater treatment and encouraging research of the quality of surface water. Potential dangers for the health of residents due to poor water quality were highlighted, which implied the direction of research in future scientific research projects. Students of the new EMAB master's program are recognized as important participants in further activities in water monitoring.

The visibility of the round table is ensured by announcements on several media:

<https://www.youtube.com/watch?v=tj2tV3hFMSY>

<https://valtertuzlanski.ba/okrugli-sto-na-temu-unapredenje-saradnje-univerziteta-i-realnog-sektora-u-upravljanju-i-monitoringu-vodnim-resursima/>

<https://radiokameleon.ba/2021/10/07/okrugli-sto-na-temu-unapredjenje-saradnje-univerziteta-i-realnog-sektora-u-upravljanju-i-monitoringu-vodnim-resursima/?fbclid=IwAR1YuYFWeiNz4Dh2mbto4brEXNioTXZDOw5lt4RVMaKfXhKoIDDbucZ-6cA>

Ecobias Erasmus
7. listopada 2021. · 🌐


Na Univerzitetu u Tuzli održan okrugli sto na temu: Unapređenje saradnje univerziteta i realnog sektora u upravljanju i monitoringu vodnim resursima.
<https://youtu.be/tj2tV3hFMSY>



YOUTUBE.COM
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OKRUGLI STO VODNI RESURSI 07 10 2021

youtube.com/watch?v=tj2tV3hFMSY

Pretraživanje



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youtube.com/watch?v=tj2tV3hFMSY

Pretraživanje



OKRUGLI STO VODNI RESURSI 07 10 2021


RTVTK
22.2 tisuć preplatnika

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youtube.com/watch?v=tj2tV3hFMSY

Pretraživanje



OKRUGLI STO VODNI RESURSI 07 10 2021

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OKRUGLI STO

Unapređenje saradnje univerziteta i realnog sektora u upravljanju i monitoringu vodnim resursima

Round Table
Enhancement of Cooperation Between HEIs and the
Real Sector in the Field of Management and Monitoring
of Aquatic Resources

Četvrtak, 7. 10. 2021. g.
Thursday, 7 October 2021
13.00 h

Okrugli sto organizira Prirodno-matematički fakultet
Univerziteta u Tuzli

Mjesto održavanja: Biblioteka Pravnog fakulteta, Ulica Muhameda
Hevajke Uskufije 7



ECOBIAS

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Erasmus+ Programme
of the European Union

