



Soil Erosion and TOrrential Flood
*Prevention: Curriculum Development at the
Universities of Western Balkan Countries*

Report on activity

5.3 Promotion material created

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Project Management Unit Meeting, Niš, 09/06/2021

Co-funded by the
Erasmus+ Programme
of the European Union



Promo material

Three-leaf clover in Serbian, Bosnian and English language	2000
Brochure A5, 8 pages (to be preprinted) in Serbian, Bosnian and English language	900
Poster B2 (70 x 50 cm)	100
Roll-up banner 1200 x 2050	20
Advertising folder - developed format B2	1000
Ballpoint pen	1000
Conference bag	100
"MARKINGS" that the institution is a participant in the project	10
Identification cards for events and meetings - dimensions 100x150mm	300
Publications (information on master program and enrollment, material for exam preparation ...) - B5 format, average 8 pages, (to be preprinted)	400



Three-leaf clover in Serbian, Bosnian and English language



**ЗАШТО ЗАШТИТА ЗЕМЉИШТА
ОД ЕРОЗИЈЕ И БУЈИЧНИХ ПОПЛАВА КАО ТЕМА
НОВИХ СТУДИЈСКИХ ПРОГРАМА?**

Ерозија земљишта и бујичне поплаве су деструктивни процеси, са озбиљним последицама по економију, друштво и животну средину. Због климатских промена, које су такође изражене у региону Западног Балкана, интензитет ерозије, као и учесталост и интензитет бујичних поплава ће се повећати у будућности.

Поплаве које су се догодиле у мају 2014. на територији Хрватске, Босне и Херцеговине и Србије имале су катастрофалне последице праћене великом материјалном штетом и губитком људских живота. На драстичан начин, поново су подстегли државе на превенцију бујица. Штете узроковане овим поплавама износиле су око 1,7 милијарди евра само у Србији. Такође, у региону су присутни сви типови деградације земљишта, међу којима је најизразитија ерозија земљишта као облик физичне деградације која доводи до појаве бујичних поплава и трајног губитка плодног земљишта.

Имајући у виду горе наведено, универзитети западног Балкана - чланови SETOF конзорцијума - изразили су потребу за увођењем нових студијских програма, као и побољшањем постојећих курикулума укључењем нових и модернизацијом силабуса постојећих предмета о заштити земљишта од ерозије и бујичних поплава. С обзиром да земље ЕУ посећују већу пажњу проблему природних катастрофа, укључујући ерозију земљишта и поплаве, као и обзиром на значајну експертизу чланова конзорцијума из ЕУ, очекује се да ће пројекат повећати свест о важности спречавања бујичних поплава, не само на нивоу високошколских установа, већ и у пракси на локалном, регионалном и националном нивоу у земљама Западног Балкана.

SETOF ПРОЈЕКТНИ КОНЗОРЦИЈУМ:
Универзитет у Београду, (Србија)
Универзитет у Новом Саду, (Србија)
Универзитет у Нишу, (Србија)
Универзитет у Бањалуци, (Република Српска)
Универзитет у Сарајеву, (Босна и Херцеговина)
Институт за шумарство Београд, (Србија)
Универзитет природних ресурса
и природних наука у Бечу, (Аустрија)
Универзитет "Свети Ђирило
и Методије" у Скопљу,
(Република Северна Македонија)
Медитерански универзитет у Ређо Калабрији, (Италија)
Институт шумарских наука
Бугарске академије наука, (Бугарска)

Инжењерска комора Србије, (Србија)
Шумско привредно подручје
"Доњеврбаско" Бањалука, (Република Српска)
Кантонално јавно предузеће "Сарајево Шуме"
(Босна и Херцеговина)

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SETOF
Soil Erosion and TOrrential Flood
Prevention: Curriculum Development at the
Universities of Western Balkan Countries

Co-funded by the
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СУФИНАНСИРАНО
СРЕДСТВИМА ПРОГРАМА ЕВРОПСКЕ УНИЈЕ
ERASMUS+

Овај пројекат је суфинансиран
средствима ЕУ у оквиру ERASMUS+ програма,
споруазум о донацији бр. 598403

Реф. бр. 598403-EPP-1-2018-1-RS-EPRKA2-CBHE-JP



SETOF OBJECTIVES

The main aim of the project is the development and improvement of curricula in higher education institutions and curricula for the education of professionals in the Western Balkans (Serbia and Bosnia and Herzegovina) who will solve problems of soil erosion control and protection against torrential floods in compliance with EU directives.

The specific objectives are:

- improvement in the protection of soil from degradation, particularly from erosion and improvement of the prevention of flash floods;
- development of new and improvement of existing curricula in the field of prevention of flash floods in accordance with the Bologna Declaration and good EU practices;
- implementation of advanced knowledge of practical solutions to the prevention of flash floods through design and implementation of works and education of local governments to take measures aimed at flash flood prevention.

HOW THE SETOF GOALS AND OBJECTIVES WILL BE ACHIEVED?

The SETOF project pursuits a three-stage approach. During the first (preparatory) phase the main concern will be to identify, collect and elaborate appropriate existent erosion control and flash floods prevention issues in WB countries and wider in EU; and to analyse of existing curricula at universities in the program and partner countries. The second stage of the project will build upon the first, evaluating and reviewing initial activities and feeding the results into improved and more mature HEI bachelor curriculum and new HEI master curriculum. Finally, the third stage will pilot new curricula through activities tailored for main stakeholder groups, including trainings for professionals in local communities and professional training for senior students.

IMPLEMENTATION

- professional training for senior students;
- training for local authorities;

DEVELOPMENT

- of a new master curriculum and improvement of the bachelor curriculum by modernization the existing and introducing new subjects in line with the Bologna Declaration, Standards and Guidelines for Quality Assurance in the European Higher Education Area and the Europe 2020 Strategy;

PREPARATORY PHASE

- erosion control and flash floods prevention analysis in the EU and Balkan countries;
- analysis of existing curricula at universities in the program and partner countries;

SETOF
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SETOF Soil Erosion and TOrrential Flood
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Poster B2 (70 x 50 cm)

Erasmus+

SOIL EROSION AND TORRENTIAL FLOOD PREVENTION: CURRICULUM DEVELOPMENT AT THE UNIVERSITIES OF WESTERN BALKAN COUNTRIES

WHY SOIL EROSION AND TORRENTIAL FLOODS PROTECTION AS A TOPIC FOR NEW COURSES?

Soil erosion and torrential floods are a destructive processes, with serious consequences on the economy, society and environment. Due to climate change, which is also pronounced in the region of the Western Balkans, the intensity of erosion, and regularity and intensity of torrential floods will increase in the future.

The floods that occurred in May 2014 in the tourism territory Bosnia and Herzegovina and Serbia have had disastrous consequences with great material damage and loss of human lives. In a drastic way, they once again reminded the country of the prevention of such floods. Damage caused by these floods amounted to around 1.7 billion euros only in Serbia.

Also, all types of soil degradation are present in the region, such as degradation of soil physical properties (compaction, loss of the structural stability), chemical (salinization, acidification, and nutrient depletion), ecological degradation and soil loss (due to soil erosion and landslides), leading to permanent loss of agricultural land.

Considering above mentioned, Western Balkan universities – members of SETOF consortium – have expressed the need for improvement of study programs by introducing new or modernized curricula and courses on soil erosion and torrential floods protection. Given that EU countries have always more attention to the problem of natural disasters, including soil erosion and landslides, and significant expertise of EU consortium members, it is expected that the project will increase the awareness regarding importance of the prevention of torrential floods not only on the HEIs level, but also in the practice on local, regional and national level in WB countries.

SETOF OBJECTIVES

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SETOF PARTNERS

- University of Novi Sad • University of Niš • University of Banja Luka • University of Sarajevo • Institute of Forestry • University of Natural Resources and Life Sciences • St. Cyril and Methodius University in Skopje • University Mediterranea of Reggio Calabria • Forest Research Institute at the Bulgarian Academy of Sciences • Serbian Chamber of Engineers • Forest Management Unit "Donjevrbaško" Banja Luka • Cantonal Public Company "Sarajevo-forests" •

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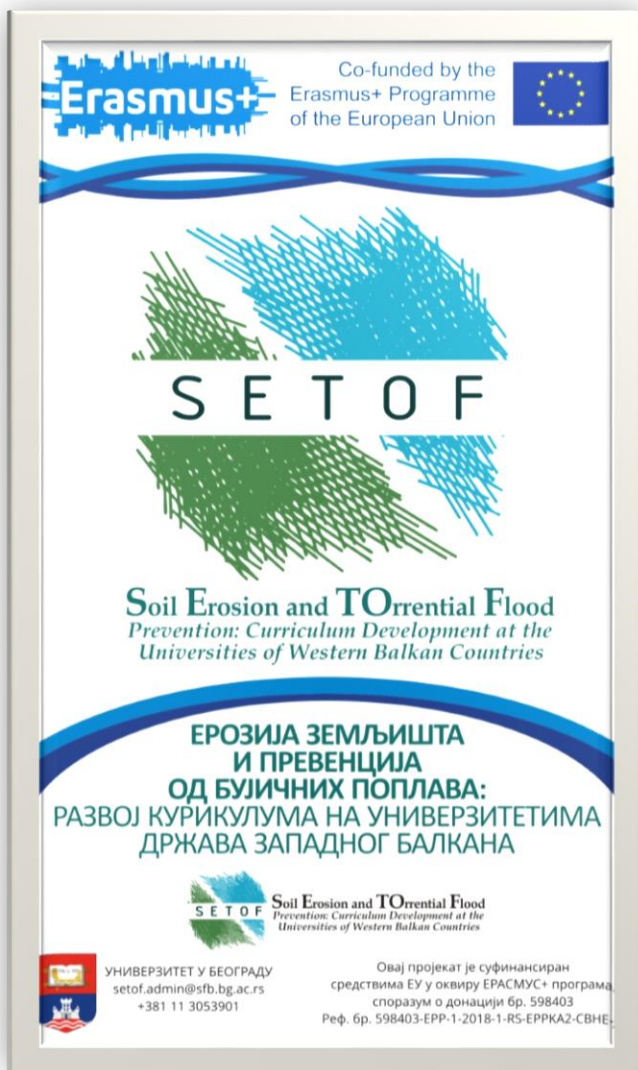
This project has been co-financed by EU funds within the framework of the ERASMUS+ Programme

CO-FUNDED BY THE ERASMUS+ PROGRAMME OF THE EUROPEAN UNION

Co-funded by the
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of the European Union



Roll-up banner 1200 x 2050





Soil Erosion and TOrrential Flood Prevention: Curriculum Development at the Universities of Western Balkan Countries

SETOF Project Newsletter N° 2

December 2019

EVENTS PERFORMED SO FAR

- **Kick-off meeting of the SETOF project**
Date: October 20, 2018, 10:00
Place: Faculty of Forestry, Belgrade
- **1st Project Manager and Lead Lecturer Meeting**
Date: May 15, 2019
Place: Belgrade, Serbia
- **1st Study visit and outdoor field practice**
Date: March 20, 2019, 10:00
Place: Faculty of Forestry, Belgrade
- **2nd Study visit and outdoor field practice**
Date: March 27, 2019, 10:00
Place: Faculty of Forestry, Belgrade
- **Workshop on hydrology and other curricula in EU**
Date: November 20 - 21, October 2019
Place: University of Novi Sad, Faculty of Forestry, Novi Sad
- **1st Country site visit and outdoor field practice**
Date: October 15, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: October 22 - 23, 2019
Place: University of Novi Sad, Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: October 29 - 30, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: October 30 - 31, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: October 31, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 1, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 2, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 3, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 4, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 5, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 6, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 7, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 8, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 9, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 10, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 11, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 12, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 13, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 14, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 15, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 16, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 17, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 18, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 19, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 20, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 21, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 22, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 23, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 24, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 25, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 26, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 27, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 28, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 29, 2019
Place: Faculty of Forestry, Novi Sad
- **2nd Country site visit and outdoor field practice**
Date: November 30, 2019
Place: Faculty of Forestry, Novi Sad

SOIL EROSION AND TORRENTIAL FLOOD PREVENTION: CURRICULUM DEVELOPMENT AT THE UNIVERSITIES OF WESTERN BALKAN COUNTRIES

SETOF

Soil Erosion and TOrrential Flood Prevention: Curriculum Development at the Universities of Western Balkan Countries

CO-FUNDING BY THE ERASMUS+ PROGRAMME OF THE EUROPEAN UNION

ERASMUS+

DECEMBER 2019

What is the soil erosion? Are there associated risks with the torrential floods? Who constitutes vulnerable population or ecosystems? Why there is a need for reaction? How we can manage torrential flood risks? Do we need knowledge and best practices transfer?

AIMS OF THE PROJECT
The main aim of the project is the development and improvement of curricula for the education of professionals in the Western Balkans (Serbia and Bosnia and Herzegovina) who will solve problems of soil erosion control and protection against torrential floods in compliance with EU directives.

Background - project description
Land degradation, especially physical degradation, with soil erosion as the most common degradation process, is a significant problem for the conservation of resources and has a large negative effect. One of the consequences of soil erosion is the occurrence of torrential floods. The floods that occurred in the last time, again point to the need to improve the education of professionals who will be better prepared to deal with torrential floods. The field of soil erosion control and protection against torrential floods are not included in the study process at all the faculties of forestry and other related faculties of the universities in Serbia and BiH. The Faculty of Forestry of the University of Belgrade has the academic studies directed to these issues, while other universities have individual subjects whose syllabuses are partially related to this field. For these reasons, there is a need for a development of a new course and improvement of the existing bachelor curriculum by introducing new subjects or by changing the syllabus of existing subjects. In addition to the development of new course and improvement of the bachelor curriculum, in cooperation with the Bologna Process and the EU good practices, the specific objectives of the project are also the following: the implementation of improved knowledge/practical solutions against torrential floods and the education of local governments to create prevention programs. The project includes five universities of the partner countries (Serbia, Bosnia and Herzegovina), where the curricula will be developed, and universities from the four program countries. The project will be implemented through 7 work packages with 24 activities. The project implementation will contribute to the establishment of better cooperation between the universities, who, by involving the university curriculum with participants, who, by involving the university curriculum with the support of the EU, will achieve a human and social approach to the methodology in flood prevention at the regional level.

SOIL EROSION AND TORRENTIAL FLOOD PREVENTION: CURRICULUM DEVELOPMENT AT THE UNIVERSITIES OF WESTERN BALKAN COUNTRIES

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CO-FUNDING BY THE ERASMUS+ PROGRAMME OF THE EUROPEAN UNION

ERASMUS+

DECEMBER 2019

SETOF project management structure

Project Management Unit (PMU)

Key actors

Members from partner countries

- WP1 - Analysis of soil erosion site and torrential floods in Western Balkan Countries. Lead: Organization PE (UNIB-Serbia).
- WP2 - Development of curricula. Lead: Organization PE (UNIB-Serbia).
- WP3 - Implementation of developed curricula and training. Lead: Organization PE (UNIB-Serbia).
- WP4 - Quality plan and monitoring. Lead: Organization PE (UNIB-Serbia).
- WP5 - Dissemination of project results. Lead: Organization PE (UNIB-Serbia).
- WP6 - Evaluation of project results. Lead: Organization PE (UNIB-Serbia).
- WP7 - Project management. Lead: Organization PE (UNIB-Serbia).

SETOF PROJECT MANAGEMENT UNITS

For the purpose of management of project realization, implementation and supervision of the project, governing the following bodies were established:

- Project Management Unit (PMU)
- Steering Committee (SC) and
- Quality Assurance Committee (QAC)

Associated members

Co-funded by the Erasmus+ Programme of the European Union

SETOF Project Newsletter N° 3

January 2021



EVENTS PERFORMED SO FAR
2nd Meeting of the Partner Countries Universities
Date: March 12th, 2020
Place: Novi Sad, Serbia

Most prominent deliverable so far
- proposal of new joint MSc study program

New MSc study program entitled Soil erosion and torrential flood prevention, where students will acquire knowledge that will enable them to carry out the tasks of protecting the soil from degradation, preventing erosion and taking preventive measures to protect against torrential floods.

The complete documentation for the accreditation of Joint Master Study Programme was submitted to NACE.

Evaluation of the utility was performed. Evaluation of mockup and new syllabi are implemented through creation of Report of quality and Report on questionnaires prepared for teachers and students in BiH and SRB partners, and for external evaluation from EU and N. Macedonia that are approved by partners and do not bring any changes.

Sustainability plan was created. Training plan was developed. The objective of the training plan is to define the strategies, tools, and methods that will be used to meet the training requirements. The training activities will contribute to the dissemination and effective exploitation of the project results.

Erasmus+ Programme of the European Union

Co-funded by the Erasmus+ Programme of the European Union

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SOIL EROSION AND TORRENTIAL FLOOD PREVENTION: CURRICULUM DEVELOPMENT AT THE UNIVERSITIES OF WESTERN BALKAN COUNTRIES

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PROJECT NO.



2nd Meeting of the Partner Countries Universities, March 2020, Novi Sad, Serbia

The 2nd Meeting of the Partner Countries Universities within a SETOF project was held in Novi Sad, Serbia on March 12th, 2020. Thirteen participants from 3 partner institutions participated at the Meeting. The meeting covered several topics: reports related to the master syllabi (WP3, Activity 3.3), master and bachelor curricula quality (WP3, Activity 3.4), accreditation of the master program (WP6, Activity 6.2) and interim report (WP7, Activity 7.3). The members of the SETOF project discussed development and implementation of the joint master program consisting of fifteen articles. They agreed that the University of Belgrade will be the Program Coordinator.

Erasmus+ Programme of the European Union

3rd Project Management Unit Meeting and 3rd Quality Assurance Meeting, September 2020, Online (via MS Teams)

Twenty-four participants from 9 partner institutions participated in the 3rd Project Management Unit on-line meeting (via Teams MS Office 365 Sarajevo) organized by University of Sarajevo Faculty of Forestry, Bosnia and Herzegovina on the 28th of September 2020. Activities under the implementation of curricula, WP3 curricula and WP6 Exploitation of project results were discussed. Progress on self-assessment reporting and Report of Quality and measures for improving were discussed during 3rd Quality Assurance Meeting. Interim report, exploitation and dissemination issues as well as Sustainability plan were given during the 3rd Steering Committee Meeting.

Joint MSc study program

In 2020 beginning, a meeting was held in Belgrade with the representatives of the five universities, where the structure of the master study programme was proposed. The structure of the master study programme was adopted at the session of the Educational and Scientific Council of the Faculty of Forestry on 26 February, 2020.

At a subsequent gathering in March, 2020 in Novi Sad, two study programmes were presented: one for the joint master Development and Implementation of the Joint Master Study Programme.

The SETOF project defines the joint master studies course required for the accreditation of "torrential floods", which is implemented in all participating countries.

In June 2020, following considerable efforts, the syllabi of the adopted courses were harmonized. On 3 June, 2020, the study programme. On 15 July, 2020, the Senates of the University of Belgrade and the University of Niš verified the decision regarding the joint master study programme at the University of Belgrade, which states that the Faculty of Forestry, University of Belgrade, is the lead institution for implemented at the universities of Novi Sad, NS, Banja Luka, and Sarajevo.

On 24 July, 2020, the Agreement on the Joint Master Study Programme was signed. The complete documentation for Accreditation and Quality Assurance in Higher Education (NEAQ) on 27 July, 2020. The Report by the Review Committee is pending.

Erasmus+ Programme of the European Union

SETOF project management structure

in total, seven work packages (WP) are planned to be realized, as listed below:

- WP1 - Analysis of soil erosion state and torrential floods in Western Balkan Countries. Lead Organisation: P8 (UNSCM - FYR of Macedonia); P1 (UB-Serbia).
- WP2 - Development of curricula. Lead Organisation: P2 (UNS-Serbia).
- WP3 - Implementation of developed curricula and training. Lead Organisation: P4 (UB-BiH).
- WP4 - Quality plan and monitoring. Lead Organisation: P5 (UNIC-Italy).
- WP5 - Dissemination of project results. Lead Organisation: P3 (UNI-Serbia).
- WP6 - Exploitation of project results. Lead Organisation: P5 (UNSA-BiH).
- WP7 - Project management. Lead Organisation: P1 (UB-Serbia).

Key actors

Members from partner countries

- Lead Partner: University of Belgrade (UB)
- University of Niš (UN)
- University of Sarajevo (UNSA)
- University of Novi Sad (UNS)
- Faculty of Forestry (FF)

Members from programme countries

- University of Novi Sad (UNS)
- Faculty of Forestry (FF)
- Faculty of Forestry (FF)
- Faculty of Forestry (FF)

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Associate members

- Serbian Chamber of Engineers (SCE)
- Forest Management Unit "Dobričevići" Banja Luka (FMB)
- Central Public Company "Sapovinarstvo" (CPCO)
- Co-funded by the Erasmus+ Programme of the European Union

Erasmus+ Programme of the European Union

Addmition leaflet

NAUČNA OBLAST
tehničko—tehnološke nauke

TRAJANJE STUDIOSKOG PROGRAMA
jedna školska godina (dva semestra)

AKADEMSKI NAZIV
Master inženjer šumarstva—erozija zemljišta i prevencija od bujičnih poplava

BROJ BODOVA
30 ESPB

ZNANJA I VEŠTINE KOJE SE STIČU

- Integrirana znanja i veštine za profesionalno obavljanje poslova iz oblasti zaštite zemljišta od erozije i prevencije od bujičnih poplava na principima integralnog upravljanja slivnim područjima;
- Znanja potrebna za rešavanje problema degradacije zemljišta i voda i njihovog korišćenja na principima održivog razvoja;
- Osposobljenost za praktičnu primenu stečenog znanja za zaštitu zemljišta od degradacije i odbranu od bujičnih poplava kroz izradu projekata i izvođenje radova, kao i primenu metoda baziranih na informacionim tehnologijama.

MOGUĆNOST ZAPOSŁLJAVANJA

- Kompanije, preduzeća i ustanove u oblasti vodoprivrede, šumarstva, poljoprivrede i zaštite prirode,
- Republičke, pokrajinske i lokalne institucije (ministarstva, opštine, RHMZ, agencije),
- Organizacione jedinice u okviru gradskih i opštinskih uprava, nadležne za mere zaštite i spasavanja u slučaju prirodnih katastrofa,
- Obrazovne i istraživačke organizacije (instituti, fakulteti),
- Ostale institucije i privredni subjekti koji se bave projektovanjem i izvođenjem radova za zaštitu zemljišta i voda.

SETOF PROJEKAT
Zajednički studijski program master akademskih studija „Erozija zemljišta i prevencija od bujičnih poplava“ razvijen je u okviru ERASMUS+ K2 projekta „Erozija zemljišta i prevencija od bujičnih poplava: razvoj kurikula na univerzitetima država Zapadnog Balkana (SETOF)“.

Prva godina realizacije zajedničkog studijskog programa finansira se sredstvima SETOF projekta i studenti u toj godini ne plaćaju školarinu.

CILJ PROJEKTA
Unapređenje obrazovanja inženjera za zaštitu zemljišta od erozije i prevenciju od bujičnih poplava kroz razvoj novih i unapređenje postojećih studijskih programa u visokoškolskim ustanovama u Srbiji i Bosni i Hercegovini.

TRAJANJE PROJEKTA
Novembar 2018—Novembar 2022

KOORDINATOR
• Šumarski fakultet Univerziteta u Beogradu

UČESNICI

- Poljoprivredni fakultet Univerziteta u Novom Sadu
- Fakultet zaštite na radu Univerziteta u Nišu
- Šumarski fakultet Univerziteta u Banjoj Luci
- Šumarski fakultet Univerziteta u Sarajevu
- Institut za šumarstvo, Beograd
- BOKU—University of Natural Resources and Life Sciences, Beč
- Ss. Cyril and Methodius University, Skopje
- University Mediterranea of Reggio Calabria
- Forest Research Institute at the Bulgarian Academy of Sciences

 Co-funded by the Erasmus+ Programme of the European Union 



MASTER AKADEMSKE STUDIJE
EROZIJA ZEMLJIŠTA I PREVENCIJA OD BUJIČNIH POPLAVA
Zajednički studijski program



NOSIOCI PROGRAMA

- UNIVERZITET U BEOGRADU Šumarski fakultet
- UNIVERSITET U NOVOM SADU Poljoprivredni fakultet
- UNIVERZITET U NIŠU Fakultet zaštite na radu
- UNIVERZITET U BANJOJ LUCI Šumarski fakultet
- UNIVERZITET U SARAJEVU Šumarski fakultet

BROJ STUDENATA KOJI SE UPISUJE
40

PREDUSLOVI ZA UPIS
Završene osnovne akademske studije sa ostvarenih najmanje 140 ESPB ili završene integrirane, odnosno master akademske studije sa ostvarenih najmanje 300 ESPB iz obrazovno - istraživačkog polja tehničko - tehnoloških ili prirodno - matematičkih nauka.

PRILAVLJIVANJE
Konkurs za upis studenata će biti objavljen na internet stranicama nosilaca programa:

- Šumarski fakultet u Beogradu: sfb.bg.ac.rs
- Poljoprivredni fakultet u Novom Sadu: polj.uns.ac.rs
- Univerzitet u Nišu: ni.ac.rs

Istakon objave konkursa, kandidati svoje prijave mogu podneti koordinatoru zajedničkog studijskog programa— Šumarskom fakultetu u Beogradu, u skladu sa uslovima konkursa i pravilima tudiranja na master akademskim studijama.

Dokumenta potrebna za prijavu:

- Prijava na konkurs (dobija se na Šumarskom fakultetu u Beogradu)
- Dokaz o uplati naknade za prijavu na konkurs
- Overena fotokopija diplome i dodatka diplomi
- Biografija (CV)
- Izjava kojom se ovlašćuje Fakultet i Univerzitet da lični podaci kandidata mogu biti uneti u elektronsku bazu podataka (dobija se na Šumarskom fakultetu).

Ističu uslovi i procedura upisa određuje se konkursom.

Za detaljne informacije o upisu kontaktirati Službu za nastavu i tudenska pitanja Šumarskog fakulteta u Beogradu:

Adresa: Kneza Višeslava 1, 11030 Beograd
Telefon: +381 (11) 3053 854

ODRŽAVANJE NASTAVE
Nastava u jesenjem semestru održava se na Univerzitetu u Beogradu, a jedan deo nastavnih aktivnosti i na Univerzitetu u Novom Sadu i Univerzitetu u Nišu (nastava iz pojedinih predmeta). Obaveze predviđene strukturom studijskog programa u prolećnom semestru se obavljaju u vidu konsultacija sa profesorima na svakom od univerziteta, članica Konzorcijuma.

STRUKTURA STUDIOSKOG PROGRAMA

JESENJI SEMESTAR

OBAVEZNI PREDMETI:

- Degradacija zemljišta i voda
- Zaštita zemljišta od erozije
- Prevencija od bujičnih poplava
- Integralno upravljanje bujičnim slivovima

IZBORNI PREDMET 1:

- Melioracije zemljišta
- Konzervacija kraških terena
- Adaptacija na klimatske promene
- Upravljanje projektima za zaštitu prirodnih resursa
- Održivo upravljanje zemljišnim resursima
- Biomelioracije goleti

IZBORNI PREDMET 2:

- Upravljanje rizicima od prirodnih katastrofa
- Degradacija zemljišta i usluge ekosistema
- Monitoring bujičnih tokova i sistem rane najave
- Odlučivanje u zaštiti zemljišta od erozije i bujica
- Modeli degradacije zemljišta i voda
- Melioracije degradiranih šuma

PROLEĆNI SEMESTAR

- Studijski istraživački rad
- Stručna praksa
- Izrada i odbrana master rada

NASTAVNICI I SARADNICI
U realizaciji studijskog programa „Erozija zemljišta i prevencija od bujičnih poplava“ učestvuju nastavnici i saradnici sa Univerziteta u Beogradu, Novom Sadu, Nišu, Banjoj Luci i Sarajevu. Na zajedničkom studijskom programu angažovano je ukupno 23 nastavnika i saradnika (9 nastavnika i saradnika sa Univerziteta u Beogradu, 4 nastavnika sa Univerziteta u Novom Sadu, 4 nastavnika sa Univerziteta u Nišu, 3 nastavnika sa Univerziteta u Banjoj Luci i 3 nastavnika sa Univerziteta u Sarajevu).

DODATNE INFORMACIJE
www.setof.org

