



REPORT ON REALIZED DISSEMINATION ACTIVITIES

Project number: 573806-EPP-1-2016-1-RS-EPPKA2-CBHE-JP

"This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein"

PROJECT INFO

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Project acronym	NatRisk
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Funding scheme	Erasmus+ Capacity building in the field of higher education
Web address	www.natrisk.ni.ac.rs
Coordination institution	University of Nis
Project duration	15 October 2016 – 14 October 2019

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Title of deliverable	Report on realized dissemination activities
Lead institution	University of Nis
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List of abbreviations

BOKU	University of Natural Resources and Life Sciences, Vienna
EACEA	Education, Audiovisual and Culture Executive Agency
EU	European Union
HEI	Higher Education Institution
KPU	University of Criminal Investigation and Police Studies
MUHEC	Middlesex University Higher Education Corporation
NatRisk	Development of master curricula for natural disasters risk management in Western Balkan countries
OE	Óbuda University
TCASU	Technical College of Applied Sciences Urosevac with temporary seat in Leposavic
TUC	Technical University of Crete, Chania, Greece
UBL	University of Banja Luka
UNI	University of Nis
UNID	University of Defence in Belgrade
UNIME	University of Messina
UNSA	University of Sarajevo
UPKM	University of Pristina in Kosovska Mitrovica
WB	Western Balkan
WP	Work package

1 Introduction

Report on realized dissemination activities summarizes information regarding realized dissemination activities for the whole period of project realisation in the framework of the WP6 “Dissemination” and activity A6.2 “Development and maintenance of project website and creation of promotional materials and campaigns” of the Erasmus+ Capacity Building in the Field of Higher Education project „Development of master curricula for natural disasters risk management in Western Balkan countries” (NatRisk).

The activities were realized in line with the adopted Dissemination Plan by the Steering Committee describing how promotional material, NatRisk results and activities will be used to promote and engage with target groups in order to increase awareness of NatRisk results.

The overall objectives of WP6 are:

- to create significant awareness of the project’s activities and exploitable results both within the general public and policy makers;
- to create a clear, simple, and attractive offering for a key target stakeholders;
- to exploit key results in order to create a sustainable environment.

The key features of the Dissemination Plan are:

- Target groups: identifies the specific target groups who can benefit from knowing about NatRisk and its results.
- Materials: describe the promotional material to be created and then distributed to the target groups via appropriate communication channels.
- Promotion Strategy: individual strategies that determine how specific materials and content generated by the project are utilised in a particular activity.

All materials are freely available at the NatRisk website (www.natrisk.ni.ac.rs).

2 Promotional material and channels

In this section we describe the following promotional material that was created in the first year of the NatRisk project. Material was designed in order to inform and increase understanding of the NatRisk project and its initial results by a broad audience:

- Web site content,
- Poster, Flyers and Leaflets,
- Common NatRisk presentation slides.

The initial communication channels were also identified and were configured. Such channels allowed the promotional material to be disseminated to both the general public and target groups:

- NatRisk Project web site,
- NatRisk Facebook profile,
- NatRisk LinkedIn network,
- NatRisk Insagram profile,
- NatRisk newsletter mailing list.

As the results of the project increase, particularly in terms of videos, we opened:

- NatRisk Youtube Channel.

2.1 Web site

The NatRisk project website (www.natrisk.ni.ac.rs) is one of the important dissemination tools for presentation of project results as well as place where all information of the project activities and other relevant data are being published. The website contains all information related to the project: description, objectives, outputs of the project, the list of the Consortium Members with their short presentation, Logical Framework Matrix (LFM) and Work plan documents, the contact details of the coordinator and team members.

Development of the website and regularly updating will be ensured by the University of Nis (UNI).

Statistics related to the website visits will be done using Google Analytics to track interest of target groups.

Information about the NatRisk project will be published in the languages of project partners i.e. English, Serbian, Bosnian, Hungarian, Italian, German, and Greek.

All partners regularly provided information for the dissemination on the project website. The website was linked with all partners' web sites and interested stakeholders.

Initial version of the NatRisk project website structure consisted of 8 categories (Figure 1):

1. Home
2. About (Description, Objectives, LFM and Workplan, Work packages, Outputs/Outcomes)
3. Consortium (Lead partner, EU members, PC members, and Associated partner)
4. Activities
5. News
6. Events
7. Gallery
8. Project management



Figure 1. Screenshot of the NatRisk home page

After updating, new structure of the NatRisk website consists of 7 categories (Figure 2):

1. Home
2. About (Description, Objectives, LFM and work plan, Work packages, Outputs and outcomes, Consortium, ERASMUS+ KA2 documents, Collaborate with us, Useful links)
3. Activities
4. News & events (News, Events)
5. Dissemination (Promotional material, Press releases, Newsletter, Presentations & publications, Conferences/workshops/meetings, Newspapers and magazines, Radio/television/videos, Banners, NatRisk on ERASMUS+, Gallery)
6. Mobility Strand (Staff mobility, Student mobility, Compulsory documents)
7. Project management



Figure 2. Screenshot of the updated NatRisk home page

The results of the web site statistics (collected via Google analytics) are shown in Figure 3. Here it can be seen that usage of the web page is good with a number of users from all over the world.

Users ▾

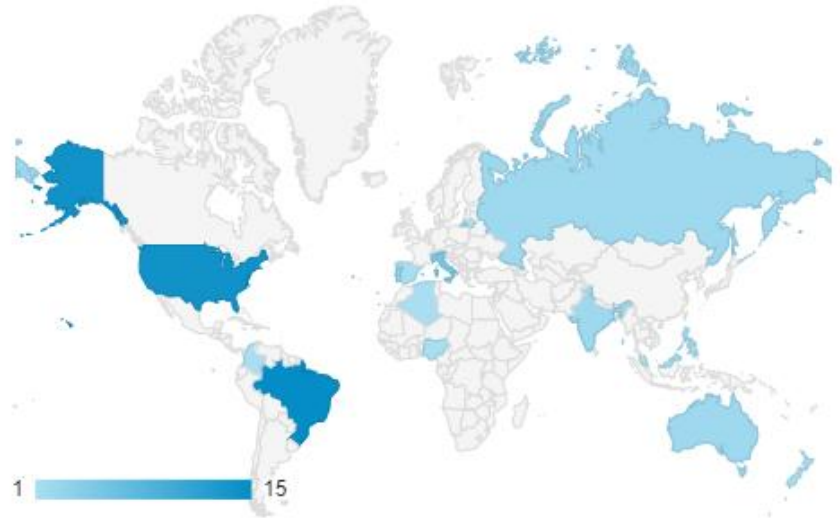


Figure 3. NatRisk Web Page Results

2.2 Social network profile

Social networking is the major tool that students today utilize to communicate with each other and to be informed on current issues. For this reason, social media will be utilized to access and engage future targeted students into NatRisk activities.

The project is active on Facebook, Instagram and LinkedIn. These social networks have different aims, tools and targets, so it is worth highlighting how partners should use them.

Facebook is the most widely utilized social network in the world. Through the NatRisk Facebook page (Figure 4), information, events, pictures and links can be shared, and the public can react by “liking” the page, giving “likes” to single elements and writing directly to the Project account.



Figure 4. NatRisk Facebook page

The typical user is a young adult, who wants to keep in touch with friends and relatives. Therefore, a conversational, informal communication style is to be preferred.

LinkedIn is the social network for professionals who want to search for job positions and network with similar minded professionals.

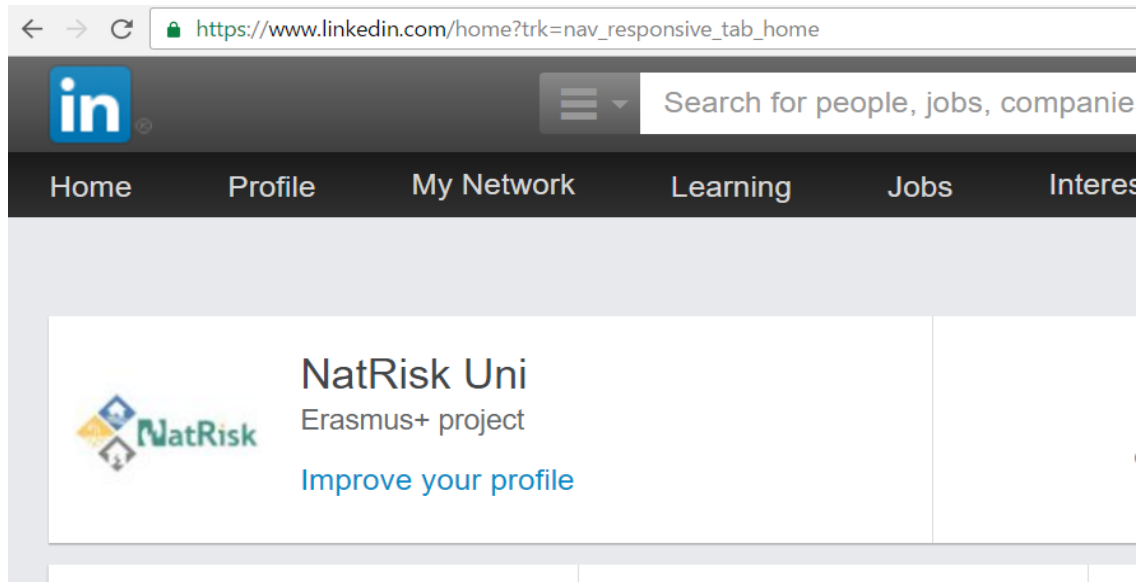


Figure 5. NatRisk LinkedIn group

The target group here was predominantly older and well-educated. A more formal, business style of communication is therefore to be preferred.

In the NatRisk project group, it is possible to share contents, links, and pictures, to create connections and engage in discussions.

NatRisk YouTube channel was used to upload original project content and share it with friends and public in general.

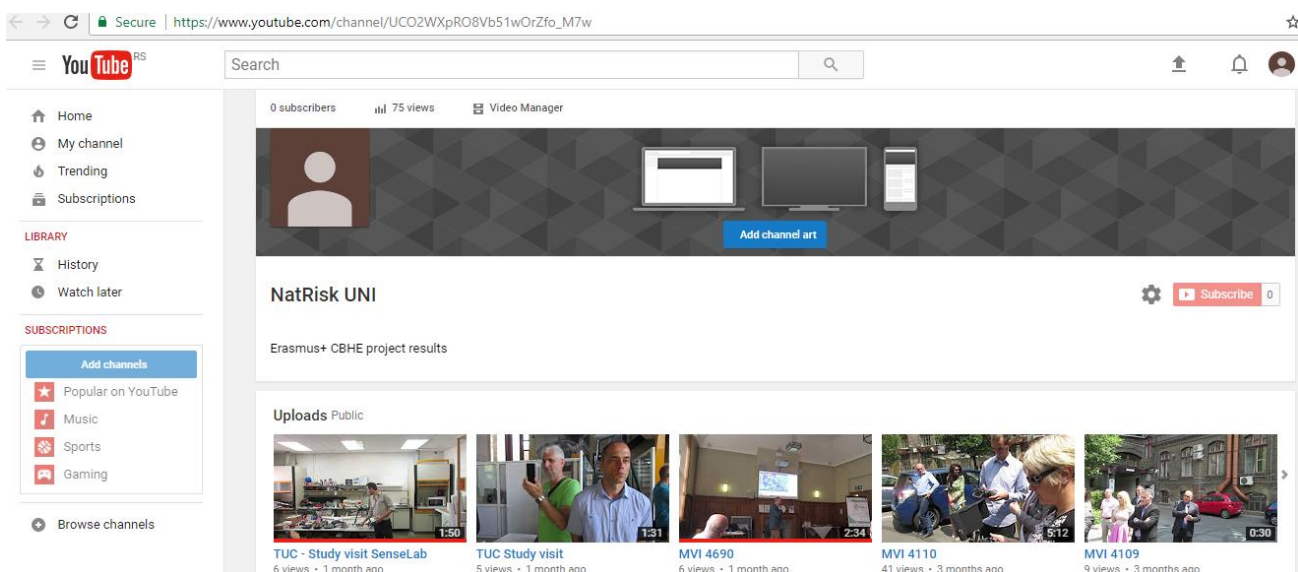


Figure 6. NatRisk YouTube channel

NatRisk Instagram profile is used to share photos, videos and messages with public in general.

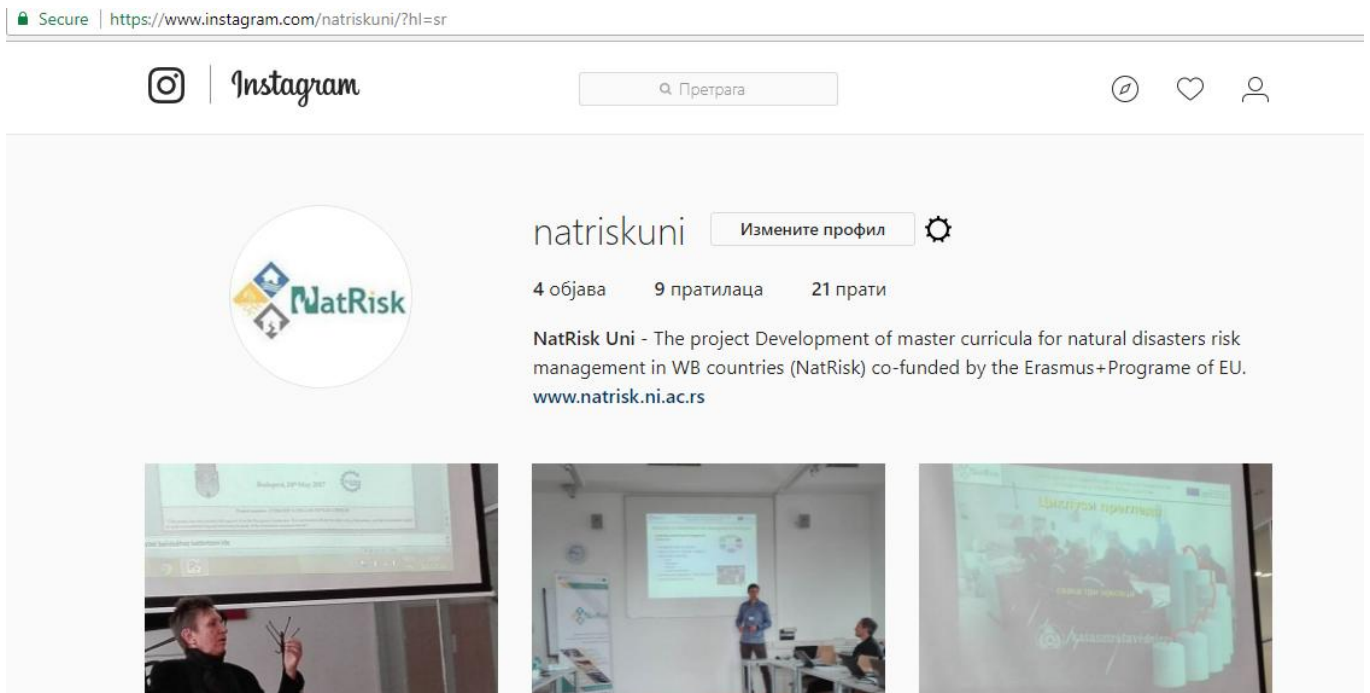


Figure 7. NatRisk Instagram profile

2.3 Project Management Platform

Online platform Project Management Platform (available at the NatRisk website, <http://mngt.natrisk.ni.ac.rs/>) is used for effective overall project management, document management and communication between partners. After registration of the partner institutions' members, the platform allows large number of functionalities needed for the project management:

- documents and files management;
- creating and tracking project issues;
- making calendars - scheduling meetings;
- E-mail notification of any action.

After any change made on the platform, all the partners registered to that activity are informed instantly via their registered E-mails, and allowed to participate in discussions and other actions related to the project activity, like uploading supporting documents.

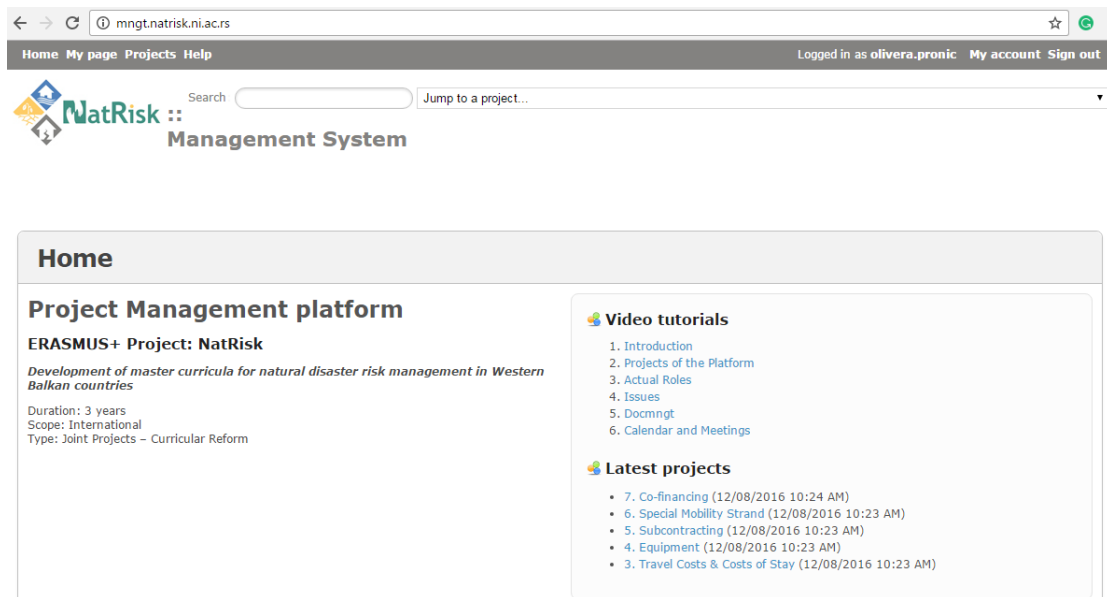


Figure 8. Screenshot of Project Management Platform

2.6 Erasmus+ Project Results Platform

The Erasmus+ Project Results Platform (<http://ec.europa.eu/programmes/erasmus-plus/projects/eplus-project-details-page/?nodeRef=workspace://SpacesStore/c3a0d5cf-9f44-40b1-8731-23c187fc13ee>) will enable to achieve wider visibility of project results. The platform also makes available products/deliverables/intellectual outputs which are the result of the projects funded.

The NatRisk project summary will consist of the following elements:

- context/background of the project,
- objectives of the project,
- number and profile of participants,
- description of activities; methodology to be used in carrying out the project,
- a short description of the results and impact envisaged; the potential longer-term benefits.

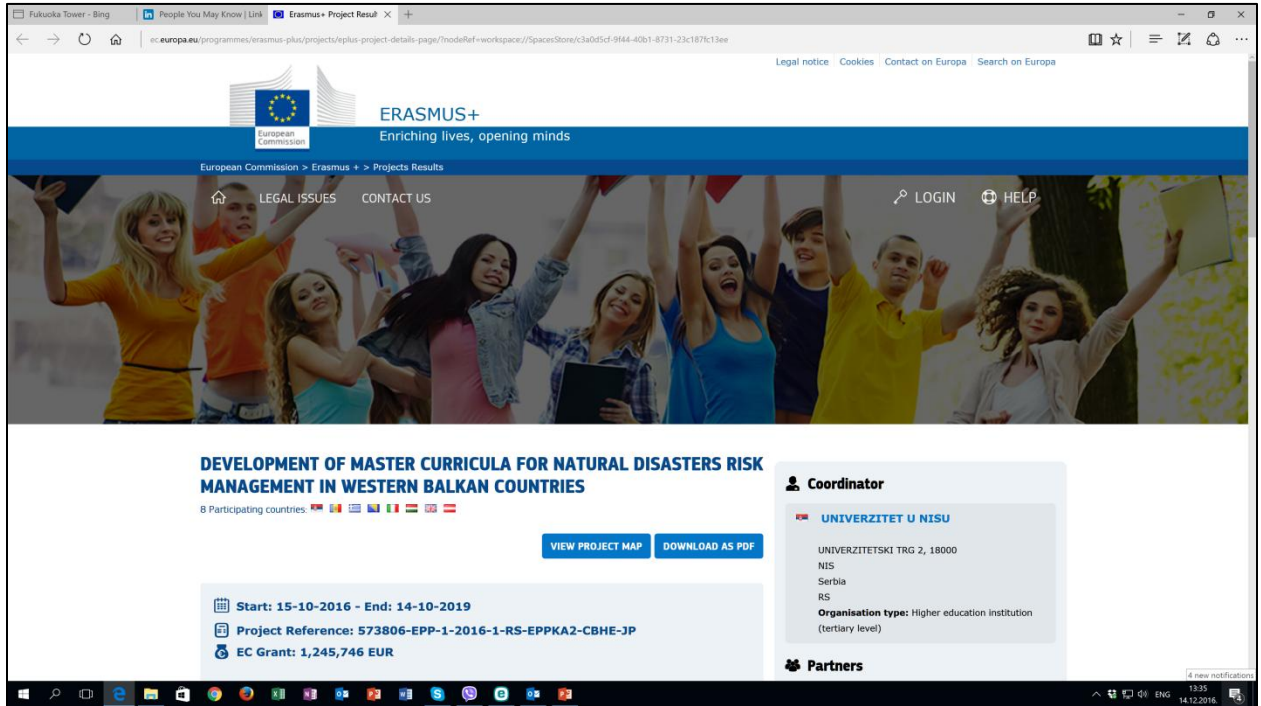
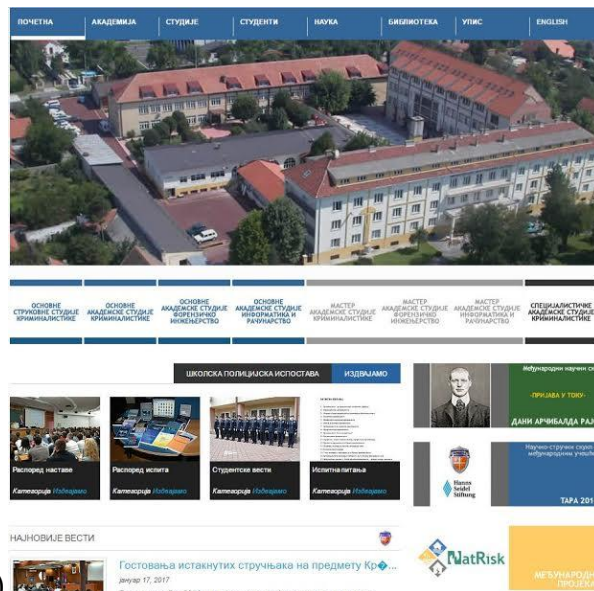


Figure 9. Erasmus+ Project Results Platform

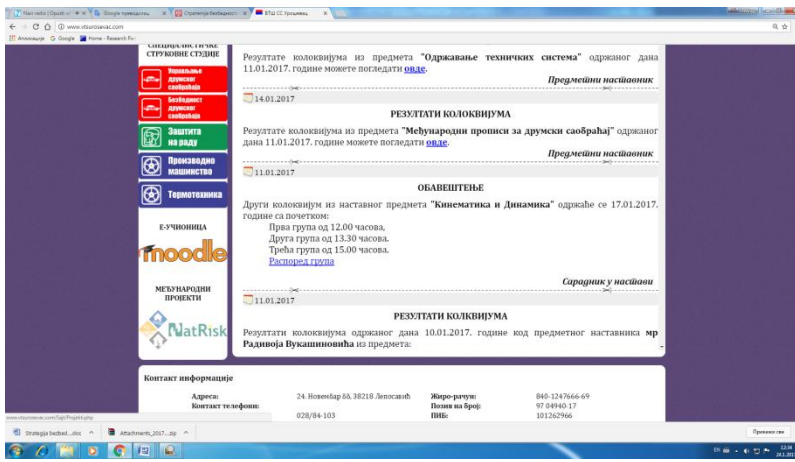
2.7 NatRisk partners' web sites

The NatRisk partners' web sites are used to disseminate results.

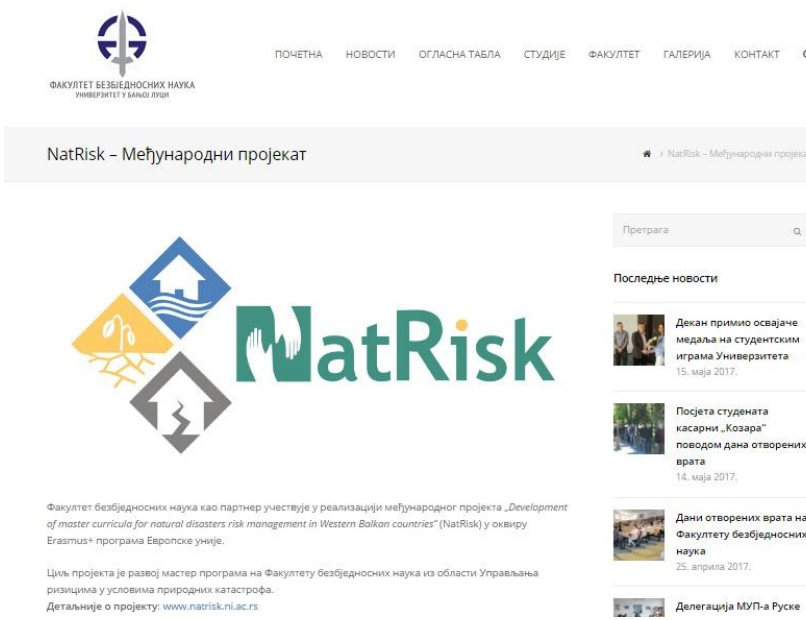


a)

b)



c)



NatRisk

BOKU-Start > Department of Water - Atmosphere - Environment (WAU)
> Institute of Water Management, Hydrology and Hydraulic Engineering (IWHW)

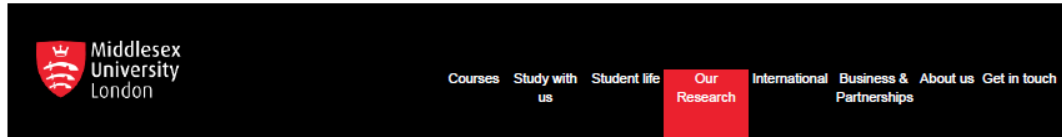
Development of master curricula for natural disasters risk management in Western Balkan countries (NatRisk)

The project "Development of master curricula for natural disasters risk management in Western Balkan countries (NatRisk)" is capacity building action in the field of higher education, co-funded by the Erasmus+ Programme of the European Union.



The proposed project is in line with Regional Priorities for Joint & Structural Projects (Erasmus+ KA2 – Capacity Building in Higher Education) for the Region 1 (Western Balkan) and is related to the "Learning and teaching tools, methodologies and pedagogical approaches including learning outcomes and ICT-based practices (inter alia, flexible learning paths, blended courses, virtual and real mobility, practical placements etc.)" and area „Environmental protection“.

d)



NatRisk

NatRisk

Development of master curricula for natural disasters risk management in Western Balkan countries

The Flood Hazard Research Centre is undertaking a three year Erasmus+ Capacity building in Higher Education project. The overall aim of the project **Development of master curricula for natural disasters risk management in Western Balkan countries** is to build experts for prevention and management of natural disasters in the region of Western Balkan (WB) according to the local national and EU policies. In addition to building knowledge and skills the project will see the development of modernised laboratories with the latest hardware and software equipment for simulations and assessments of natural disasters, where students will gain practical knowledge that can be immediately applied, and the up-to-date library units will contribute to innovative new master study programmes. The project also involves staff and student mobility funding between the partner

e) organisations and countries to gain training and experience.

[IN ATENEO](#) [EVENTI](#) [INNOVAZIONE E RICERCA](#) [INTERNAZIONALIZZAZIONE](#) [SPORT](#) [PER GLI STUDENTI](#) [ARCHIVIO](#)



DELEGAZIONE
UNIME ALLA
CONFERENZA
FINALE DEL
PROGETTO
NATRISK A
SARAJEVO

Si è tenuta presso

l'Università di Sarajevo in Bosnia Herzegovina, nei giorni scorsi, la conferenza finale del [Progetto NatRisk](http://natrisk.ni.ac.rs/) (<http://natrisk.ni.ac.rs/>) (*Development of master curricula for NATural disasters RISK management in Western Balkan countries*), a cui era presente una delegazione UNIME, composta dal responsabile del progetto Prof. Giuseppe Aronica del Dipartimento di Ingegneria, dal Prof. Giovanni Randazzo del Dipartimento di Scienze matematiche e informatiche, scienze fisiche e scienze della terra (MIFT) e dalla dott.ssa Patrizia Marcella Scalisi, dell' U. Op. Programmi di Ricerca Internazionali del Dipartimento Amministrativo Ricerca Scientifica e Internazionalizzazione.

Ascolta con ReadSpeaker
app-eu.readspeaker.com/cgi-bin/rsent?customerid=10852&lang=it_it&readid=content&url=https://unime-alla-conferenza-finale-del-progetto-natrisk-sarajevo

Segui Unime su:



(<https://www.instagram.com/unime.it/?hl=it>).



(<http://www.facebook.com/messinauniversity>).



(https://www.youtube.com/channel/UC0-ACMYaIsA4GX_uMEm1TmA).



(<https://twitter.com/unimessina>).



(<http://www.unime.it/unimeapp>).



(ateneo/elenco-social-media-unime).

f)

Figure 10. a) KPU web site, b) TCASU web site, c) UBL web site, d) BOKU web site, e) MUHEC web site, f) UNIME web site

2.8 Promotional material

Project brochure is designed with the idea to present briefly main information about the NatRisk project to potentially interested parties. Text in the brochure gives short info on the type of the project, partners involved, main and specific objectives as well as the goals.

The image shows the front and back pages of a project brochure. The front page (left) features the NatRisk logo and lists 'Wider Objectives', 'Specific Objectives', 'Consortium' (listing various universities and institutions), and 'Associated Partner' (Republic Hydrometeorological Service of Serbia). It also includes a map of the Western Balkans, a QR code, and contact information for the coordinator at the University of Niš. The back page (right) displays the Erasmus+ Project logo, the NatRisk logo, and the title 'Development of master curricula for natural disasters risk management in Western Balkan countries'. It features a collage of images related to natural disasters and the website address www.natrisk.ni.ac.rs.

This block details the content of the back page of the brochure. It features a word cloud of natural disasters including Thunderstorm, Wildfire, Earthquake, Floods, Severe winter, Drought, Landslide, and others. Below the word cloud are three main sections: 'IDENTIFICATION OF NATURAL DISASTERS IN WESTERN BALKAN COUNTRIES' (listing identification, analysis, and harmonization of practices), 'STRENGTHENING OF EDUCATIONAL BASE' (listing curriculum development, interdisciplinary approach, and innovative teaching), and 'ENHANCING CITIZENS' AWARENESS AND SKILLS' (listing surveillance of preparedness, analysis of best practices, and development of new educational trainings). The bottom right corner highlights 'Trained citizens to cope efficiently with natural disasters'.

Figure 11. Project brochure (front and back page)

The most important print material for project promotion is the project brochure, designed to briefly present objectives and outcomes of the project. Other print materials (poster, rollup, folder, pencil, and notebook) are designed for the use during project events (workshops, trainings, internships).



Figure 12. Poster

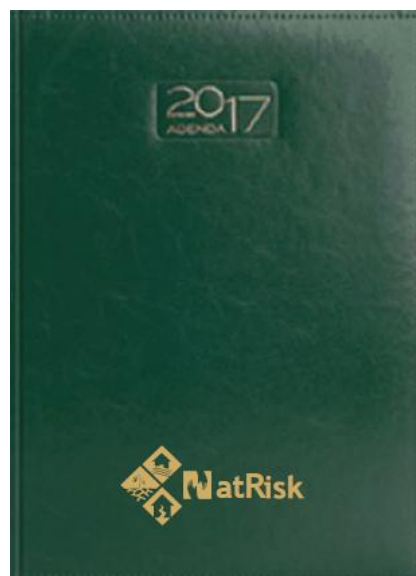


Figure 13. Notebook with project logo



Figure 14. Folder



Figure 15. Project bag with NatRisk logo



Figure 16. Rollup



Figure 17. Pencil

UČESNICI:
Zaposleni u javnom sektoru i stanovništvo

LOKACIJA:
6 gradova u zemljama Zapadnog Balkana:
Kosovska Mitrovica **Sarajevo**
Niš **Beograd**
Banja Luka **Leposavić**

VREME I TRAJANJE:
dvodnevne obuke (8 sati dnevno) planirane su za maj 2018. i maj 2019. godine

PREDAVAČI:
Eminentni stručnjaci iz konzorcijuma **NatRisk** projekta

NAČIN IZVOĐENJA OBUKE:
Predavanja u učionici
Demonstracije u laboratoriji
Vežbe na otvorenom terenu

VELIČINA GRUPE ZA OBUKU:
30 učesnika

Koordinator:
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Univerzitetski trg 2
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www.nlac.rs

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za **POSTUPANJE** u
SITUACIJAMA
različitih **PRIRODNIH**
NEPOGODA

www.natrisk.nlac.rs

Management of natural disasters became the greatest global challenge and an indispensable requirement for sustainable development

RESEARCH RESULTS:
NatRisk survey of total 3059 citizens of WB Countries in spring 2017 has found:

- varying perception of natural disaster risks
- insufficient awareness of natural disaster risks by those in charge
- citizens' willingness to respond to the call for help

TRAINING PROGRAMME:

MODULE 1: Introduction and Public Awareness

MODULE 2: Organizational Management Course

MODULE 3: Introduction to Organizational Structure, Facilities and Resources

MODULE 4: Legal Framework

MODULE 5: Case studies

TRAINING DESCRIPTION:

Participants are introduced to natural disasters to which citizens, public services and business activities are vulnerable.

This course also explains emergency planning and management, the regulatory systems, documents, and directives that guide disaster response.

Discuss the response factors: hazard control zones, resources, responder safety and recovery considerations, funding assistance and demobilization.

TRAINING OBJECTIVES:

KNOWLEDGE ON:

- typical logistical challenges during deployments
- challenges related to public relations and media
- role and responsibilities of the natural disaster risk management team

SKILLS TO:

- coordinate in the field and with response partners
- advise on the distribution of tasks
- manage sufficient information

ENHANCING CITIZENS' AWARENESS AND SKILLS

NatRisk project specific objectives:

- Surveillance of preparedness in public sector and among citizens regarding natural disasters
- Analysis of best practices in EU countries
- Development and implementation of the new educational training for citizens and public

TRAINED CITIZENS TO COPE EFFICIENTLY WITH NATURAL DISASTERS

www.natrisk.nlac.rs

Figure 18. Leaflet for training in English

UČESNICI:
Zaposleni u javnom sektoru i stanovništvo

LOKACIJA:
6 gradova u zemljama Zapadnog Balkana:
Kosovska Mitrovica **Sarajevo**
Niš **Beograd**
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različitih **PRIRODNIH**
NEPOGODA

www.natriskni.ac.rs

Upravljanje prirodnim nepogodama danas je jedan od najvećih globalnih izazova, ali i neophodan preduslov za postizanje održivog razvoja

OPIS OBUKE:
Učesnici će biti upoznati sa prirodnim nepogodama koje ugrožavaju stanovništvo, javne servise i poslovne aktivnosti.
Obuka takođe objašnjava planiranje i upravljanje aktivnostima u vanrednim situacijama, sisteme kontrole, prateća dokumenta i direktive.
Diskutovaće se faktori reakcije na nepogodu: zone kontrole opasnosti, resursi, sigurnost pružaoaca pomoći, pitanja oporavka, finansiranje pomoći i demobilizacija.

UNAPREDENJE VEŠTINA I SVESTI STANOVNIŠTVA

Specifični ciljevi **NatRisk** projekta:

- Utvrđivanje spremnosti javnog sektora i stanovništva u vezi sa prirodnim nepogodama
- Analiza najboljih praksi u zemljama Evropske unije
- Razvoj i implementacija novih obrazovnih treninga za stanovništvo i javni sektor.

REZULTATI ISTRAŽIVANJA:
Prema anketi **NatRisk** projekta u proleće 2017. (ispitano 3059 stanovnika u zemaljama Z. Balkana) utvrđena je:

- različita percepcija rizika od prirodnih nepogoda
- nedovoljna svest o rizicima od prirodnih nepogoda od strane odgovornih lica
- spremnost građana da odgovore na poziv za pomoć

CILJEVI OBUKE:

ZNANJE O:

- tipičnim logističkim izazovima u toku pružanja pomoći
- izazovima u odnosu sa medijima i plasiranju informacija
- ulogama i odgovornostima tima za upravljanje prirodnim nepogodama

SPOSOBNOST:

- koordinacije na terenu i između učesnika u pružanju pomoći
- savetovanja o raspoređivanju zadataka i uloga upravljanja ključnim informacijama

OBUČENO STANOVNIŠTVO EFIKASNO REAGUJE NA PRIRODNE NEPOGODE

PROGRAM OBUKE:

MODUL 1:
Uvod i svest u javnosti

MODUL 2:
Kurs upravljanja organizacijom

MODUL 3:
Uvod u organizaciju u strukturu, objekte i resurse

MODUL 4:
Pravni okvir

MODUL 5:
Studije slučaja

www.natriskni.ac.rs

Figure 19. Leaflet for training in Serbian

ŠTA PODUČAVAMO

Master studijski program **Zaštita od prirodnih katastrofa** omogućava studentima da steknu znanja i kompetencije u: projektovanju u oblasti zaštite od katastrofalnih događaja; izradi elaborata o zonama opasnosti; izradi planova zaštite od poplava, planova evakuacije, planova sanacije; procjene rizika ugroženosti od prirodnih nepogoda i katastrofalnih događaja.

MOGUĆNOSTI ZAPOSLENJA

Naši magistralanti će moći da se zaposle i ostvare uspješne karijere u institucijama koje se bave problematikom monitoringa, prevencije i zaštite od prirodnih nepogoda/katastrofa kao što su:

- Hidrometeorološki zavod
- Agencija za vode
- Organima javne uprave (općinski, kantonalni, entitetski i državni nivo)
- Civilna zaštita
- Sektor za planiranje mjera zaštite i spašavanja u slučaju prirodnih nepogoda/katastrofa
- Zavodi za planiranje i izgradnju grada
- Obrazovnim i drugim institucijama
- Istraživačkim institutima i drugdje

FAKULTET

Studijski program se ostvaruje kroz uključivanje nastavnog osoblja Univerziteta u Sarajevu, te stručnjaka iz prakse.

PROFESORI

Hidrotehnika i okolišno inženjerstvo
Emina Hadžić
Hata Milišić
Suvada Jusić
Amra Serdarević

Konstrukcije
Naida Ademović
Azra Kurtović

Geologija i geotehnika
Denari Cerimagić
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ERASMUS+ PROJECT

UNIVERZITET U SARAJEVU
CIS Centar za interdisciplinarnu studije

Master Program ZAŠTITA OD PRIRODNIH KATASTROFA

www.cis.unsa.ba

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Na master studij se mogu upisati svi kandidati (sa BiH državljanstvom i iz inostranstva) pod istim uvjetima, a koji:

- imaju završen I ciklus studija u trajanju od najmanje četiri godine, (najmanje 240 ECTS)
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- su završili studij po predloženim nastavnim planovima i programima.

POSTUPAK PRIJAVE

- Aplikanti moraju poslati dokumente u skladu sa pravilima studiranja II ciklusa UNSA (www.unsa.ba/ci/musi-studija).
- Dokumenti se šalju na osnovu objavljenog konkursa o upisu (*vidi: www.cis.unsa.ba*)
- Za sve daljnje informacije kontaktirati Stručnu službu CIS-a: cis@cis.unsa.ba, Zmaja od Bosne 8, 71000 Sarajevo, B&H, tel.: +387 33 668 685.

Prva upisna godina studiranja je **BESPLATNA**, izuzev troškova upisnine. Studijski program počinje **akademske 2018/2019** godine.

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Magistar zaštite od prirodnih katastrofa (plus europski dodatak diploma). Diploma Centra za interdisciplinarnu studije Univerziteta u Sarajevu.

NASTAVNI PLAN I PROGRAM

Za više informacija, molim vas posjetite web stranicu www.cis.unsa.ba.

OBAVEZNI PREDMETI

- Prirodne nepogode i katastrofe
- Upravljanje rizicima od prirodnih katastrofa
- Prostorno planiranje u funkciji smanjenja rizika od katastrofa

IZBORNI PREDMETI

- Sistem zaštite i spašavanja u prirodnim katastrofama
- Vodno - okolišni problemi u slučaju prirodnih katastrofa
- Zaštita od voda i održivi razvoj
- In-situ testiranje i monitoring
- Procjena i ojačanje postojećih konstrukcija
- Zemljotresi i numeričko modeliranje konstrukcija
- Rehabilitacija objekata kulturno historijskog naslijeđa
- Trajnost materijala kao mjera prevencije
- Kartografija
- Topografski/karibografski modeli
- Prostorne baze podataka i IPP
- Daljinska istraživanja
- Geoinformacione i komunikacione tehnologije za upravljanje rizikom od prirodnih katastrofa

MOGUĆNOST MOBILNOSTI

REGION

- Univerzitet u Nišu,
- Univerzitet odbrane u Beogradu,
- Visoka tehnička škola strukovnih studija u Uroševcu,
- Univerzitet u Prištini sa sjedištem u Kosovskoj Mitrovici,
- Kriminalističko-policijska akademija u Beogradu,
- Univerzitet u Sarajevu,
- Univerzitet u Banja Luci.

EUROPSKA UNIJA

- University of Natural Resources and Life Sciences, Vienna (Austrija),
- Middlesex University Higher Education Corporation (Velika Britanija),
- University of Messina (Italija),
- Óbuda University (Mađarska),
- Technical University of Crete, Chania (Grčka).

Figure 20. Leaflet for master curriculum



Figure 23. Brochure for master curriculum

CILJEVI NATRISK PROJEKTA

IDENTIFIKACIJA PRIRODNIH KATASTROFA U ZEMLJAMA ZAPADNOG BALKANA
 Analiza nedostataka u trenutnom sistemu upravljanja rizicima od prirodnih katastrofa u zemljama Zapadnog Balkana

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 Razvoj i implementacija unapređenih i modernih master kurikuluma u skladu sa bolonskim zahtevima i nacionalnim akreditacionim standardima

UNAPREĐENJE ZNANJA I VEŠTINA STANOVNIŠTVA
 Razvoj i implementacija novih edukacionih treninga za stanovništvo i javni sektor

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 Kriminalističko-policijska akademija Beograd [KPA]
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 Univerzitet u Prištini sa sedištem u Kosovskoj Mitrovici [UPKM]
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 Univerzitet u Sarajevu [UNSA]
 Univerzitet u Banjoj Luci [UBL]

University of Natural Resources and Life Sciences, Vienna [BOKU]
 Middlesex University, London [MUNEC]
 Öbuda University, Budapest [OE]
 Technical University of Crete, Chania [TUC]
 University of Messina [UNIME]

PRIDRUŽENI PARTNER
 Republički hidrometeorološki zavod Srbije

TRAJANJE PROJEKTA
 Oktobar 2016 - Oktobar 2019

Koordinator NatRisk projekta:
 Univerzitet u Nišu
 Univerzitetski trg 2
 18000 Niš, Srbija

Koordinator
 Erasmus+ Program

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ERAZMUS+ PROJEKAT

NatRisk

INTERNACIONALIZACIJA I MOBILNOST NASTAVNOG OSOBLJA I STUDENATA

Special Mobility Strand

www.natrisk.ni.ac.rs

Internacionalizacija i mobilnost - Special Mobility Strand (SMS) projekta NatRisk

MOBILNOST NASTAVNOG OSOBLJA

dužina trajanja boravka

7 DANA

14 DANA

1 MESEC

93 pozicije za programske zemlje (Zapadni Balkan)

26 pozicija za partnerske zemlje (EU države)

svrha mobilnosti nastavnika u okviru SMS-a

NASTAVNE AKTIVNOSTI

TRENING - OBUKA

generalni kriterijum za izbor kandidata

prikladnost naučnoj oblasti projekta; prioriteta su: osoblje bez iskustva u akademskoj mobilnosti, i fokus grupe; kapaciteti institucija domaćina za realizaciju aktivnosti u okviru mobilnosti

<http://www.natrisk.ni.ac.rs/mobility-strand/staff-mobility>

Šta je SPECIAL MOBILITY STRAND?

SMS (eng. Special Mobility Strand) – predstavlja dodatan oblik podrške mobilnosti koji finansijski podržava EU kroz Erasmus+ projekat, organizacijom studijskih, nastavnih i trening boravaka nastavnika i studenata na visokoškolskim ustanovama koje učestvuju u Erasmus + projektu.

Dosađajna iskustva i utisci naših koleginja!

«During my one-month stay at BOKU I felt extremely welcomed and established excellent relations with colleagues, who enabled me to collect details on the institution, its academic structure, study programs and facilities offered to students.» Vesna, UNI

«Mobility was well organized by the receiving institution, OE. Good experience and useful and fruitful cooperation and exchanged information within the NatRisk project. Not typically winter weather and very nice town Budapest. Great impressions!» Jelena, UPKM

«It was great to have had this teaching opportunity, thanks a lot to all of you!» Maria Baumgartner, BOKU was at UNI, 19 - 23 February 2018.

MOBILNOST STUDENATA

dužina trajanja boravka

2 MESECA

5 MESECI

30 pozicija za programske zemlje (Zapadni Balkan)

13 pozicija za partnerske zemlje (EU države)

svrha studentske mobilnosti u okviru SMS-a

STUDIJSKI BORAVAK

TRENING - OBUKA

generalni kriterijum za izbor kandidata

akademski uspeh, prethodno iskustvo u akademskoj mobilnosti, znanje jezika, prethodno iskustvo sa zemljom domaćina

<http://www.natrisk.ni.ac.rs/mobility-strand/student-mobility>

Spremnost doživljeno učenje

Svesnost posledice građani

Praksa najbolje prakse

Kooperacija prevencija

Unapređenje

Prva pomoć doživljeno učenje

Sinhronizovane akcije znanje

Sigurnost posledice građani

Vanredna situacija zaštita

Prva pomoć doživljeno učenje

Sinhronizovane akcije znanje

Sigurnost posledice građani

Vanredna situacija zaštita

Figure 24. Leaflet for SMS and internationalisation

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TRAJANJE PROJEKTA
 Oktobar 2016 - Oktobar 2019

ERAZMUS+ PROJEKAT

INFORMATOR O STRUČNIM STUDENTSKIM PRAKSAMA

iz oblasti
UPRAVLJANJA RIZICIMA OD PRIRODNIH KATASTROFA

u okviru novih MASTER PROGRAMA

Koordinator NatRisk projekta: Univerzitet u Nišu, Univerzitetski trg 2, 18000 Niš, Srbija

Kofinansira Evropska unija Erasmus+ Program

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www.natrisk.ni.ac.rs

Upravljanje prirodnim nepogodama danas je jedan od najvećih globalnih izazova, ali i neophodan preduslov za postizanje održivog razvoja



Šta je STRUČNA STUDENTSKA PRAKSA ?

Stručna praksa (eng. Internship) – predstavlja oblik nastavne aktivnosti u toku studija koji podrazumeva praktičan rad studenta u cilju upotpunjavanja teorijskog znanja i uspostavljanja veza sa praktičnim znanjima i iskustvima neophodnim za obavljanje budućeg

Student na studentskoj praksi radi u okviru precizno definisane **teme prakse**, na realizaciji konkretnog zadatka koji je definisan od strane preduzeća.

Rezultat prakse predstavlja merljiv i jasan benefit za preduzeće nastao kroz samostalan rad studenta na rešavanju konkretnog problema odnosno

Ko su SUPERVIZOR I MENTOR PRAKSE ?

Supervizor prakse – lice u okviru preduzeća, sa stručnim iskustvom i ličnim kvalitetima, koje se uključuje u realizaciju studentskih stručnih praksi. On prati i usmerava rad studenata, evaluira njihov učinak i postignute rezultata i priprema odgovarajuće izveštaje.

Mentor prakse – nastavni radnik na univerzitetu ili fakultetu (profesor, asistent, doktorand) koji u saradnji sa supervizorom prakse vrši sve pripreme, organizacione i kontrolne aktivnosti u realizaciji studentske prakse. Mentor prakse vrši konačno ocenjivanje ostvarenih rezultata prakse.

U okviru NATRISK projekta odobrene su **10-to dnevne stručne studentske prakse** u visokoškolskim ustanovama Zapadnog Balkana kao što je prikazano na slici:

NatRisk konzorcijum (participanti iz Zapadnog Balkana)

Šta se POSTIŽE STUDENTSKOM PRAKSOM ?

- ✓ unapređenje praktičnih znanja i sposobnosti
- ✓ verifikacija primenljivosti teorijskih znanja u realnom radnom okruženju
- ✓ poboljšanje mogućnosti za zapošljavanje posle završenog fakulteta
- ✓ olakšavanje prevazilaženja barijere pri prelasku iz akademskog u realni poslovni ambijent
- ✓ ostvarivanje dublje saradnje između univerziteta i privrede koja se odnosi na zajednički rad na edukaciji studenata
- ✓ omogućavanje kvalitetnijeg, planskog upravljanja ljudskim resursima preduzećima kroz kontinualni protok mladih stručnjaka
- ✓ testiranje sposobnosti i znanja potencijalnih novih stručnjaka, odnosno obezbeđivanje probnog rada
- ✓ transfer novih znanja i ideja kroz rad mladih stručnjaka u okviru prakse
- ✓ unapređenje produktivnosti preduzeća i stvaranje boljeg i dinamičnijeg poslovnog okruženja
- ✓ unapređenje segmenta društveno odgovornog poslovanja preduzeća

www.natrisk.ni.ac.rs

Figure 25. Leaflet for students' internships

3 Dissemination activities

3.1 Promotional activity for trainings

Members of WB partner HEIs organized seven meetings with the representatives in the field of natural disasters risk management such as Directorate of public services and emergency situations, Fire Brigade in Belgrade, Hydrometeorological institute of Republic of Srpska, Republic Hydro-meteorological Service of Serbia - Department in Nis, Cantonal Civil Protection Administration and Kosovsko-Mitrovacki district.



More details can be found at the following link

<http://www.natrisk.ni.ac.rs/activities?id=136>

and reading the [Report on implemented promotional activities for trainings.](#)

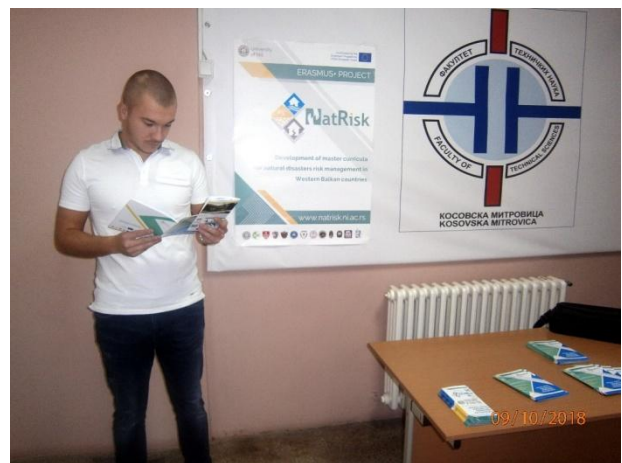
3.2 Promotion of student enrolment

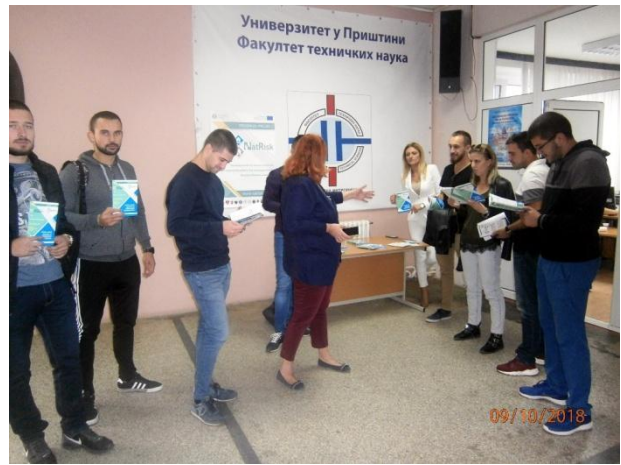
A plenty of promotions of student enrollment were done during the second and third project year. Also, promotional materials related to the promotion of internationalization, student and staff mobility and developed master study programmes were designed, printed and delivered to the stakeholders.

More details can be found at the following link

<http://www.natrisk.ni.ac.rs/activities?id=158>

and reading the [Report on implemented promotional activities for student enrolment.](#)





3.3 NatRisk events

3.3.1 Kick-off meeting

The kick-off meeting for the NatRisk project was held in Nis, Serbia, on 15th-16th December 2016. The Consortium partners met for the first time at this meeting which was organized by the Grant Holder, University of Nis. This was an opportunity for all partners to meet and discuss the plans and future of this project.



Presentations from the event can be downloaded from

<http://www.natrisk.ni.ac.rs/activities?id=20>

3.3.2 Workshop in Vienna

The workshop on master curricula best practices in EU countries was held in Vienna, Austria, on 5th-7th April 2017. It was organized by the University of Natural Resources and Life Sciences, Vienna.

The objective was to introduce to all project partners the most relevant issues related to the realization of activities WP1.1 Identification of natural disasters to be managed in WB and WP1.2 Introduction with established practices in EU countries for NDRM.



Presentations from the event can be downloaded from

<http://www.natrisk.ni.ac.rs/activities?id=35>

3.3.3 Study visit and training of teaching staff in Budapest

Bánki Donát Faculty of Mechanical and Safety Engineering at Óbuda University organised the first teaching staff training and study visit for Western Balkan partner HEIs, 23-25 May, 2017 in Budapest.

Within the Activity 2.3 the trainers of the OE showed the teaching methods of Hungary to the teachers of Western Balkan countries. Also, within Activity 3.2 study visit was organized with the following topics: 1) Disaster management – The role of the army and 2) Application of UAVs in case of natural disasters - Laboratory work.

The meetings were concluded with positive impressions and it was everyone's opinion that it was very beneficial.



Presentations from the events can be downloaded from

<http://www.natrisk.ni.ac.rs/activities?id=71>

<http://www.natrisk.ni.ac.rs/activities?id=72>

3.3.4 Study visit and training of teaching staff in London

Middlesex University (MUHEC) organized the second teaching staff training and study visit for Western Balkan partner HEIs, 28-30 June, 2017 in London.

Within the Activity 2.3 the trainers from the CAPE (Centre for Academic Practice Enhancement) introduced to all WB project partners the most relevant issues related to the learning theories, learning outcomes, assessment criteria and feedback processes. Also, within Activity 3.2 study visit was organized to present the social aspects of vulnerability as well as engaging communication to build local capacities to flood risk.

The meetings were very beneficial for preparing new master curricula in the field of natural disaster risk management.



Presentations from the events can be downloaded from

<http://www.natrisk.ni.ac.rs/activities?id=83>

<http://www.natrisk.ni.ac.rs/activities?id=88>

3.3.5 Study visit and training of teaching staff in Chania

Technical University of Crete (TUC) organized the third teaching staff training and study visit for Western Balkan partner HEIs, 10-12 July, 2017 in Chania.

Within the Activity 2.3 the following topics were presented: humanitarian logistics, quality assurance techniques, earthquake-related geohazards and seismic design, MSc Course Geoenvironmental Risk & Resources and the UNESCO Chair on Solid Earth Physics & Geohazards Risk Reduction. Also, within Activity 3.2 study visit was organized to present how to apply software and hardware tools into new master curricula and laboratory work.

The meetings were very beneficial for further improvement of laboratory work and preparing new master curricula.



Presentations from the events can be downloaded from

<http://www.natrisk.ni.ac.rs/activities?id=87>

<http://www.natrisk.ni.ac.rs/activities?id=89>

3.3.6 Study visit and training of teaching staff in Messina

University of Messina (UNIME), Italy, hosted the fourth teaching staff training and study visit for Western Balkan partner HEIs, 19th-21st September, 2017 in Messina. The meeting sessions hold in the Senate Room of the Rectorate Building. Study visit was to the laboratories of the Department of Engineering (structures, geotechnics and hydraulics) and the CERISI laboratories (seismic and geotechnics).



Presentations from the events can be downloaded from

<http://www.natrisk.ni.ac.rs/activities?id=96>

<http://www.natrisk.ni.ac.rs/activities?id=97>

3.3.7 Study visit and training of teaching staff in Vienna

University of Natural Resources and Life Sciences, Vienna (BOKU) organized the fifth teaching staff training and study visit for Western Balkan partner HEIs, 14-16 November, 2017 in Vienna.

Western Balkan partners were trained in using learning principles, learning outcomes, teaching methods and classroom management. The participants received a guided tour through the two laboratory halls of the Institute of Mountain Risk Engineering including explanations regarding the experimental setups and their use for teaching (e.g. master theses).

The meetings were very beneficial for preparing new master curricula in the field of natural disaster risk management.



Presentations from the events can be downloaded from

<http://www.natrisk.ni.ac.rs/activities?id=117>

<http://www.natrisk.ni.ac.rs/activities?id=118>

3.3.8 Inter-project coaching meeting in Belgrade

University of Defence (UNID) organized the inter-project coaching meeting, 7 March, 2018 in Belgrade.

The objective was to exchange Western Balkan and EU projects' experiences related to the realization of Erasmus+ CBHE KA2 projects. Six projects were presented i.e. NatRisk - Development of master curricula for natural disasters risk management in Western Balkan countries), K-Force - Knowledge FOR Resilient society, ImprESS - Improving academic and professional education capacity in Serbia in the area of safety & security (by means of strategic partnership with the EU), BestSDI - Western Balkans Academic Education Evolution and Professional's Sustainable Training for Spatial Data Infrastructures, ISSES - Information security services education in Serbia and NarcoMap - Improving Knowledge on NPS and Opiates Trafficking in Europe.



Presentations from the events can be downloaded from

<http://www.natrisk.ni.ac.rs/activities?id=124>

3.3.9 Joint final conference

Joint final conference was organised in collaboration with the Erasmus+ CBHE KA2 project BESTSDI (<http://bestsdi.eu/>) in Sarajevo on 04 September 2019 with a participation of 100 representatives from different scientific fields. The meeting was excellent presented in online media and also 4 TV interviews were created and presented to the wider public.

More details can be found at the following link

<http://www.natrisk.ni.ac.rs/activities?id=40>.



3.3.10 Trainings for citizens and public sector

During the second project year, seven trainings for citizens and public sector were organized by the Western Balkans HEIs with participation of 244 persons from 93 institutions. The participants were trained using previously purchased equipment and the Handbook for civil sector training about natural disasters. The topics were related to natural disasters such as floods, droughts, earthquakes, landslides, epidemics and how to be prepared in those occasions.

University of Nis



University of Criminal Investigation and Police Studies



University of Defence



University of Pristina in Kosovska Mitrovica



Technical College of Applied Sciences Urosevac, with temporary seat in Leposavic



University of Sarajevo



University of Banja Luka



During the seven trainings organised in the third year of project realisation, 231 participants or 21 participants more than planned in project proposal were trained from 103 different institutions in the field of natural disasters risk management.



More details can be found on the following link

<http://www.natrisk.ni.ac.rs/activities?id=137>

or reading the Reports on implemented first and second training.

3.3.11 Students' internships

During the realisation of the NatRisk project, 20 students' internships were implemented. The internship is considered to be an instrument to reduce the distance between the theoretic knowledge acquired during the academic career, and the integrated and systemic knowledge which characterizes the outside world. Internships represent an opportunity of temporary introduction into the business community, with the purpose of establishing a first contact and, at the same time, carrying out a training period without the setting of a subordinate work.





More details can be found on the following link

<http://www.natrisk.ni.ac.rs/activities?id=190>

or reading the [Reports on implemented students' internships](#).

3.4 Representation at relevant events

The NatRisk project members have taken part in 109 dissemination events in order to spread information to wider public.

The fourth Green building conference, April 2017



Gradjevinijada 2017, May 2017



Resilience as a Base of Security Culture, KPA, May 2017



Scientific and professional conference, KPA, May 2017



Technische Universität München, May 2017



University of Montenegro, June 2017



One day training for civil sector, UNID, June 2017



Round table “Natural disaster risk management”, University of Banja Luka, September 2017



NatRisk at Forum of Advanced Technologies, October 2017



Erasmus+ Contact seminar - Higher Education Fair 2017, October 2017



International conference “The impact of changes in the international environment on the preparation and execution of operations”, November 2017



VII International Scientific Conference “Archibald Reiss Days”, November 2017



Dissemination activities at the Academy of Criminalistic and Police Studies, November 2017



Workshop with similar projects, Academy of Criminalistic and Police Studies, December 2017



Conference "Regional Cooperation in Combating Transborder Crime: Contemporary Challenges of Terrorism and the Migrant Crisis", May 2018



Minisymposia of NatRisk in Chania, June 2018



Summer school organized by BESTDI, June 2018



Inter-project coaching meeting with the WamPPP project, September 2018



Agency for the water area of the Sava River, September 2018



14th International Conference on Geoinformation and Cartography, September 2018



VIII International Scientific Conference „Archibald Reiss Days“, October 2018



Minisymposia of NatRisk in Budapest, November 2018



Dissemination activities at the Academy of Criminalistic and Police Studies, November 2017



Workshop with similar projects, Academy of Criminalistic and Police Studies, December 2017



More details can be found on the web page

<http://www.natrisk.ni.ac.rs/news/events>

3.5 Special Mobility Strand

During the implementation of the Special Mobility Strand, 116 staff and 30 student mobilities realized.

Professors from Obuda University at KPA (October 2018)



Predrag Stanojevic, Jelena Rajovic and Nenad Markovic (TCASU) were at KPA (Academy of Criminalistics and Police Studies) Belgrade, from 01 to 05 October 2018.



Goran Vučković, Brankica Popović, Nenad Milić and Vuk Kulić (Academy for Criminalistic and Police Studies, Belgrade) visited Obuda University (OE), in Budapest (Hungary), in November 2018 (18th to 24th).



Zoran Stojiljkovic, Radovan Karkalic and Dragan Pamucar (UNID) were at UNIME (University of Messina, Italy), from 03rd to 07th December 2018.



In the period from December 17th to December 21st, 2018, Azra Kurtović and Hata Milišić from the Faculty of Civil Engineering University of Sarajevo were sent to the University of Niš, Serbia.



Milan Gocic, Slavisa Trajkovic and Vojkan Miladinovic (UNI) were at UNSA (University of Sarajevo in January 2019).



Professors from UNSA at BOKU (February 2019)



Professors from UPKM at UNSA (February 2019)



Jadranko Jukic, Marko Zelenovic and Vladimir Ristic (UNID) were at MUHEC (Middlesex University, London, United Kingdom), from 11th to 15th February 2019.



Priv.-Doz. Dr. Christian Scheidl from BOKU at UNSA (April 2019)



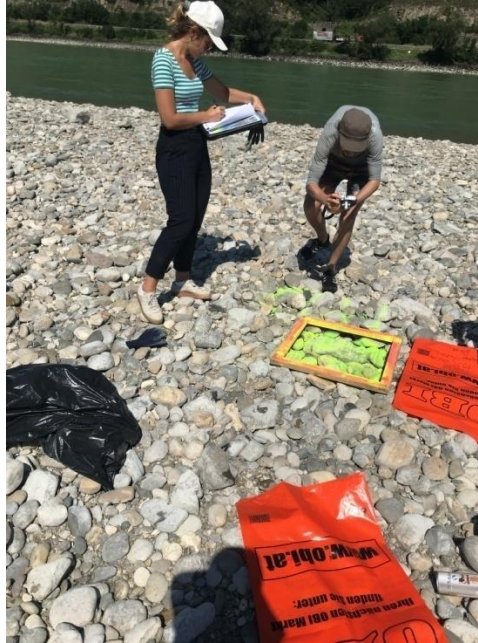
Huw Jones and Baljit Binning from MUHEC at UNI (April 2019)



Amar Surkovic from UNSA at UNIME (student mobility)



Merima Trako from UNSA at BOKU (student mobility)



Nejra Muhedin from UNSA at UNI (student mobility)



Ana Maria Madrigal from BOKU at UNI (student mobility)



4 Analysis of target groups

4.1 Trained Western Balkan academic staff

During the five trainings in EU partner countries, 87 Western Balkan teaching staff were trained i.e. UNI - 30, KPA - 9, UPKM - 12, UNSA - 11, UBL - 7, TCASU - 6 and UNID - 12. Number of male was 52 and number of female was 35.

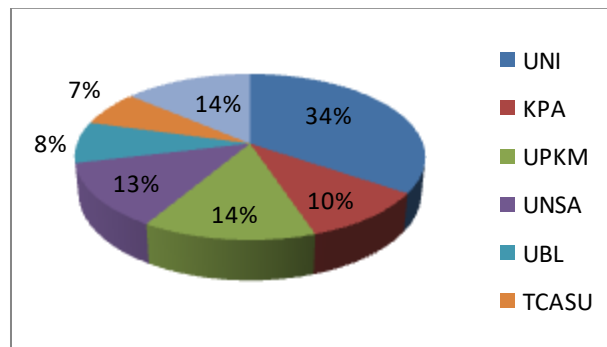


Figure 26. Percentage of trained WB teaching staff

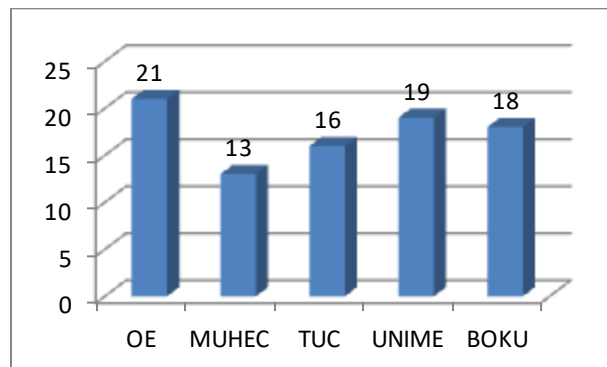


Figure 27. Number of WB teaching staff trained at EU partner HEI

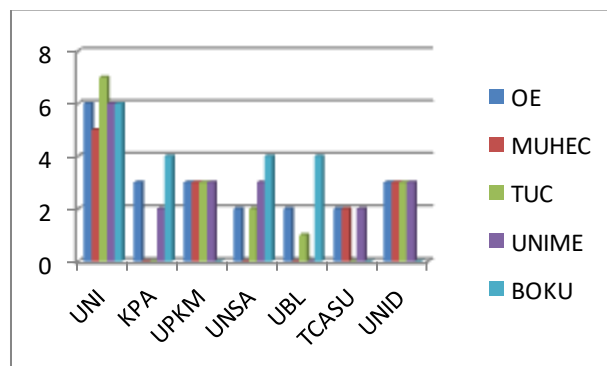


Figure 28. Number of teaching staff trained per WB partner HEI

Report on training of teaching staff for innovative teaching methods can be found on the web page <http://www.natrisk.ni.ac.rs/activities?id=73>

4.2 Participants at the trainings organized by WB HEIs

This section aims to present statistical data related to the first implemented trainings for citizens and public sector organized by WB partner HEIs. During the trainings, 244 participants or 34 participants more than planned in project proposal were trained (Figures 25 and 26) from 93 different institutions in the field of natural disasters risk management (Figure 27) such as . The large number of involved stakeholders suggests that the topic of trainings is of great importance for them and the trainings can be sustainable after the project funding. Referring to Figure 2, it can be concluded that approximately similar percentage of participants ranged from 12 to 18% existed at training per WB HEI.

The selection criteria for the participants were: experience in the field of natural disasters risk management (NDRM), availability for participation in future project activities (promotion, providing students' positions) and institution's activity in the field of NDRM.

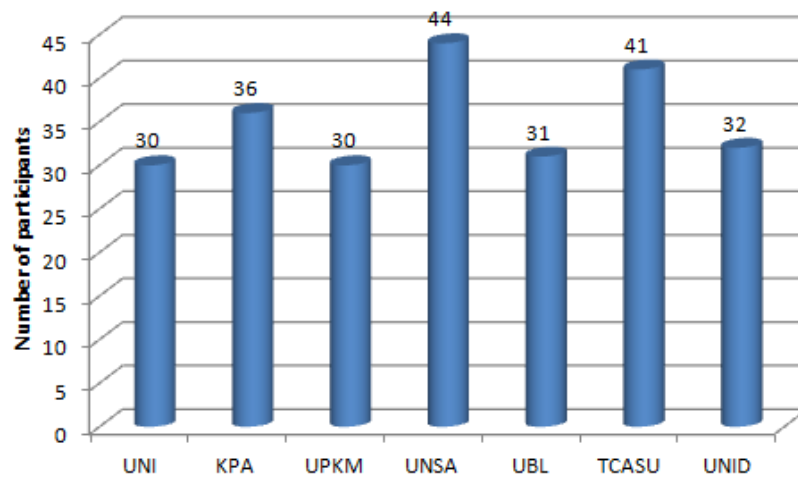


Figure 29. Number of participants per WB HEI

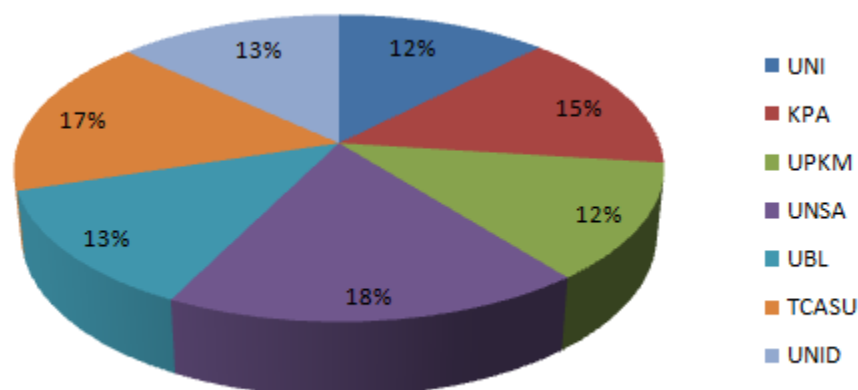


Figure 30. Percentage of trained persons per WB HEI

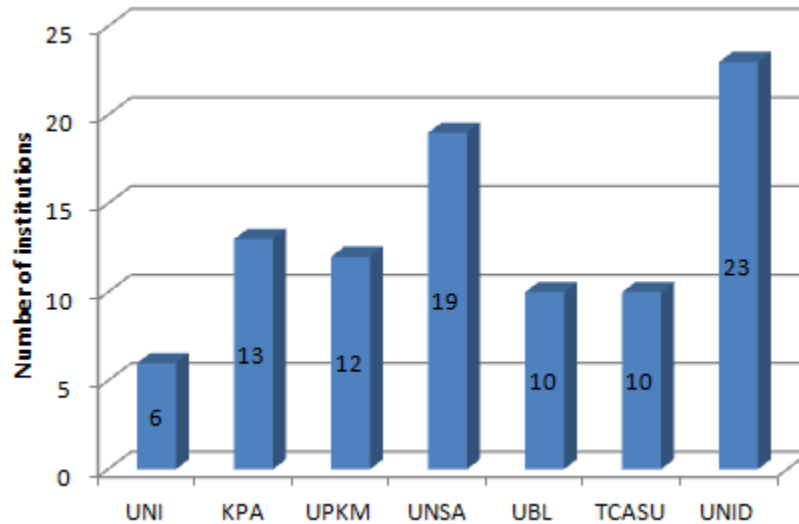


Figure 31. Number of different participated institutions per WB HEI

Organizers tried to take care about gender equality (Figure 28).

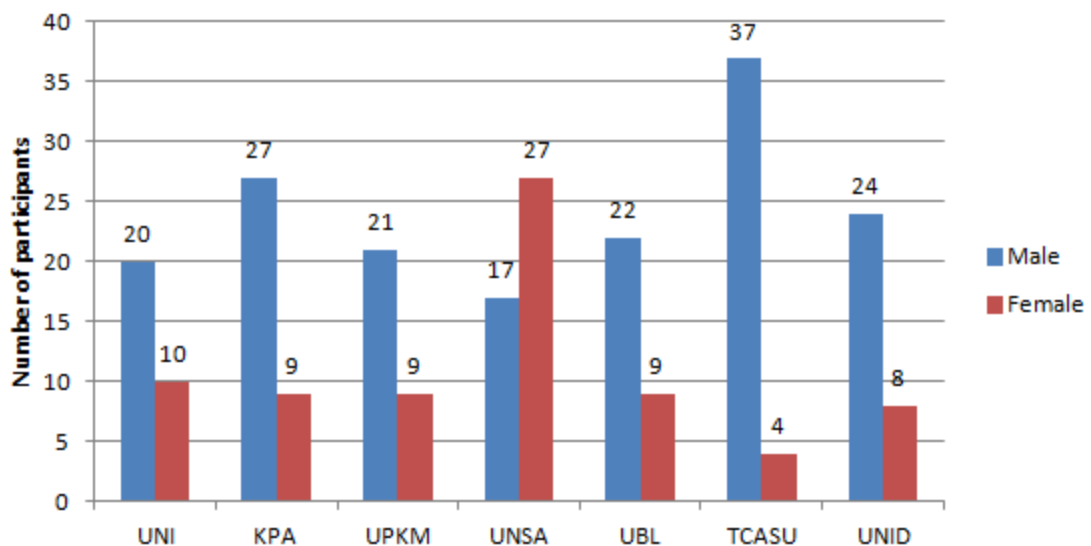


Figure 32. Number of male/female participants per WB partner HEI

After organized trainings, WB HEIs prepared self-evaluation report of training for citizens and public sector according to the received evaluation lists. Evaluation list for self-evaluation of trainings contained three groups of questions classified as 1) general organisation of the training (11 questions), 2) general participant expectations (7 questions) and 3) evaluation of trainer (6 questions). Results obtained from the following questions will be summarized here:

- relevance of the topic (Figure 33),
- overall rating of training (Figure 34),
- overall impression (Figure 35),
- overall rating of trainer (Figure 36),
- quality of presentations (Figure 37).

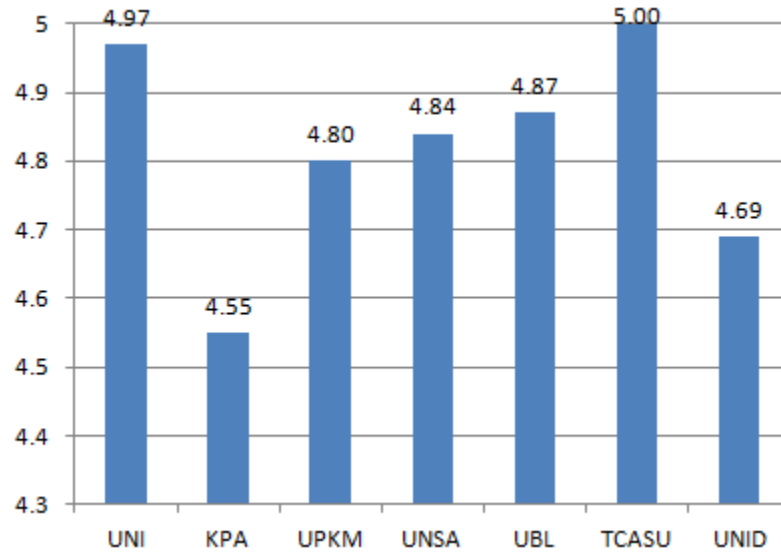


Figure 33. Relevance of the topic

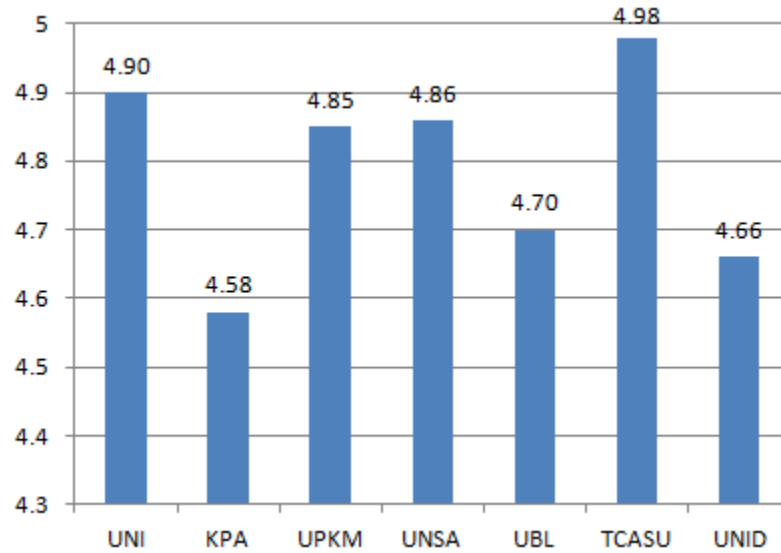


Figure 34. Overall rating of training

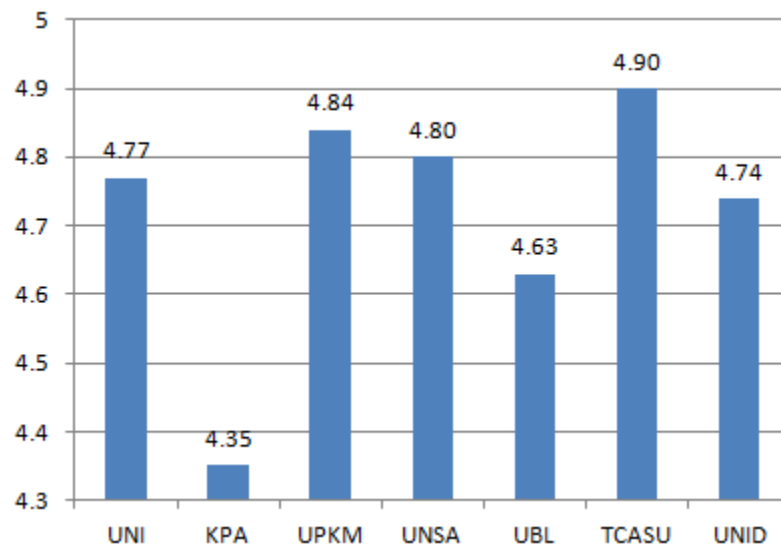


Figure 35. Overall impression

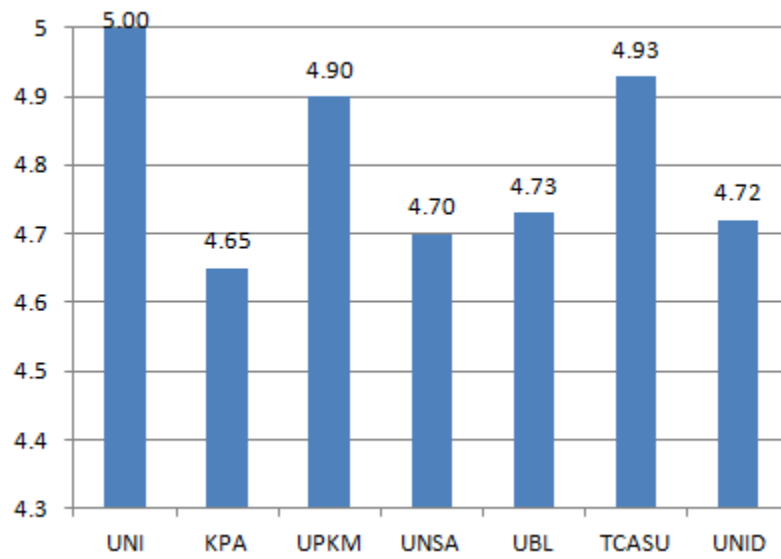


Figure 36. Overall rating of trainer

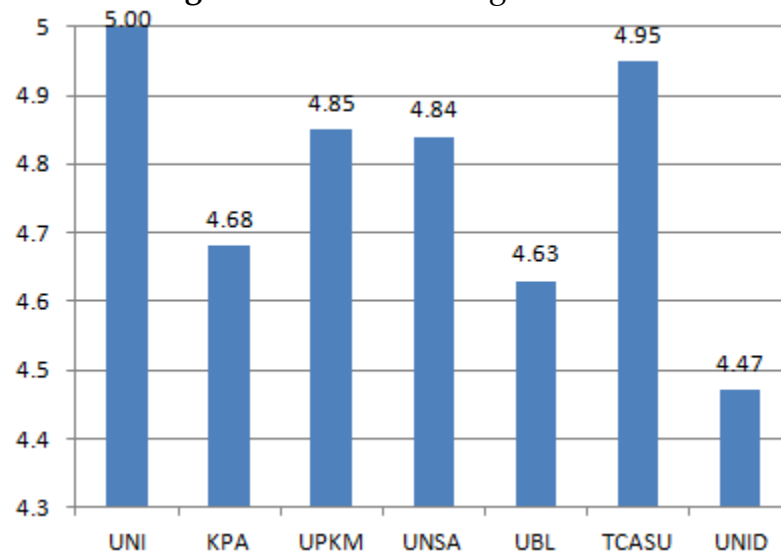


Figure 37. Quality of presentations

During the seven trainings, 231 participants or 21 participants more than planned in project proposal were trained from 103 different institutions in the field of natural disasters risk management.

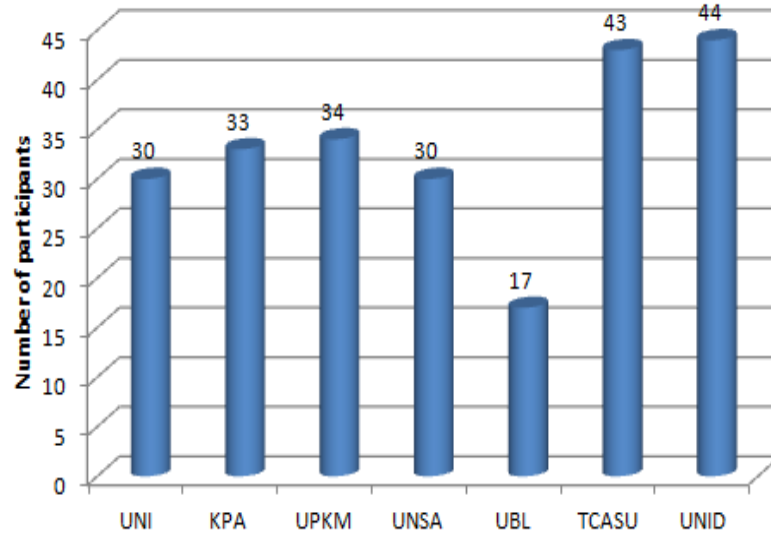


Figure 38. Number of participants per WB HEI

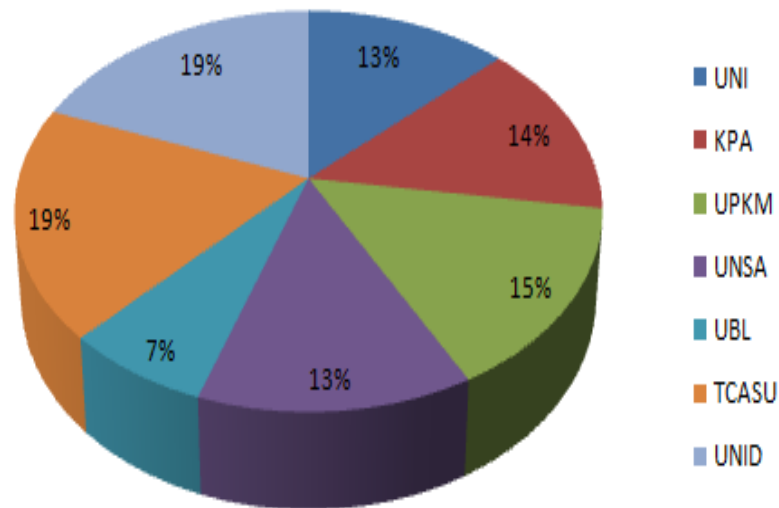


Figure 39. Percentage of trained persons per WB HEI

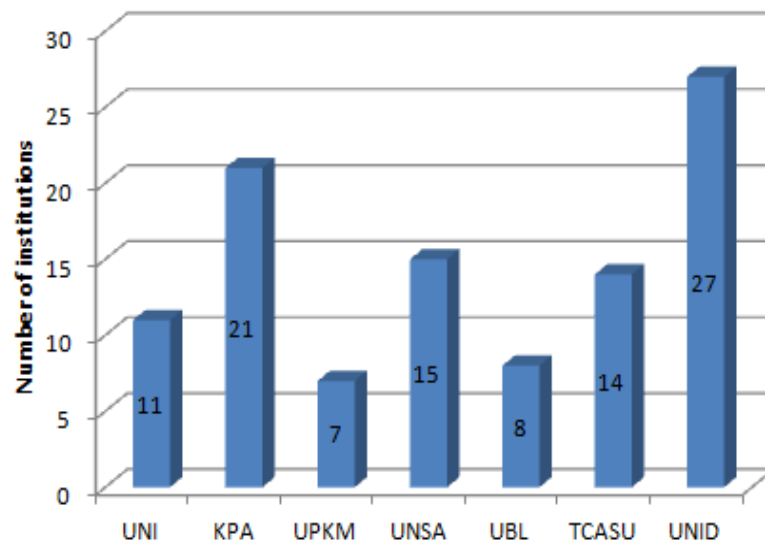


Figure 40. Number of different participated institutions per WB HEI

After organized trainings, WB HEIs prepared self-evaluation report of training for citizens and public sector according to the received evaluation lists. Evaluation list for self-evaluation of trainings contained three groups of questions classified as 1) general organisation of the training (11 questions), 2) general participant expectations (7 questions) and 3) evaluation of trainer (6 questions).

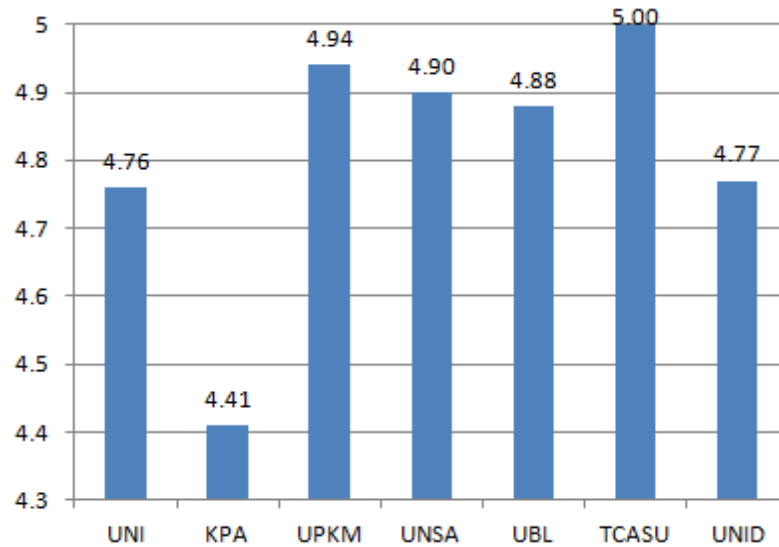


Figure 41. Relevance of the topic

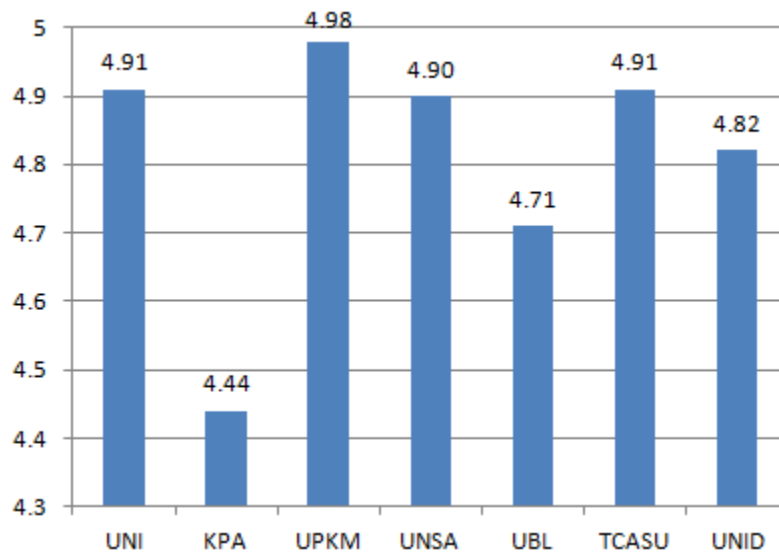


Figure 42. Overall rating of training

The general opinion is that the trainings were excellent organised. Participants agreed in total that the trainings can help them in future and that the topic is relevant. The quality of presentations and prepared material were evaluated with high marks.

It's a general opinion that participants' expectations were met, with only practical exercises rated somewhere lower than other fields.

4.3 Participants at the students' internships

In the table below the name of sending and receiving institution and the number of participated students are summarized.

From	To	Number of students
University of Nis	University of Sarajevo	8
University of Sarajevo	University of Nis	1
University of Pristina in Kosovska Mitrovica	University of Nis	2
University of Banja Luka	University of Criminal Investigation and Police Studies	2
University of Criminal Investigation and Police Studies	University of Banja Luka	5
Technical College of Applied Sciences Urosevac with temporary seat in Leposavic	University of Criminal Investigation and Police Studies	2
Total		20

The general opinion is that the students' internships were excellent organised.

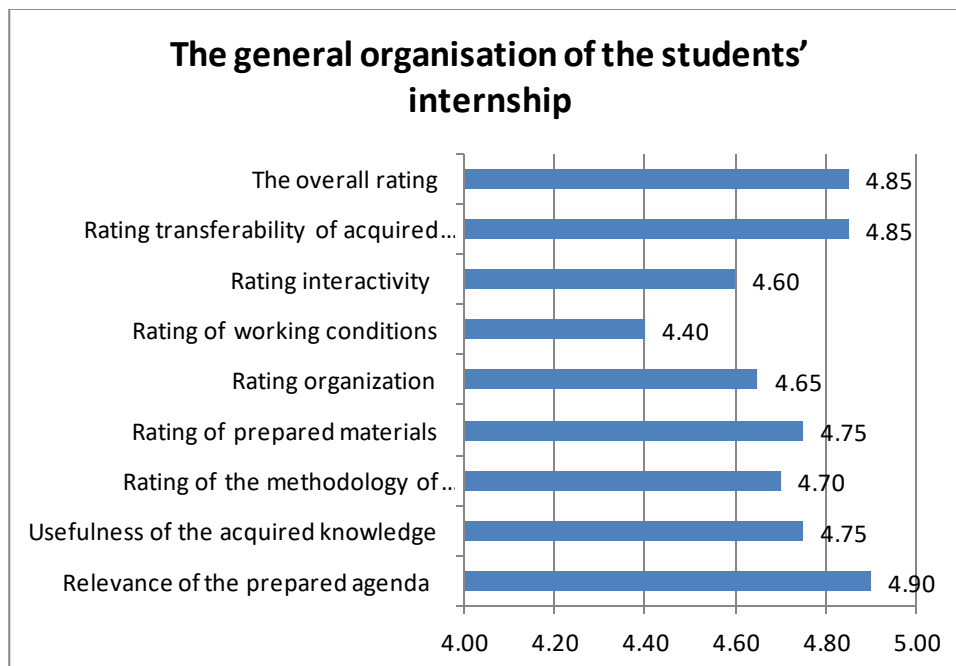


Figure 43. General organisation of the students' internship

The general participant expectations were evaluated with high marks.

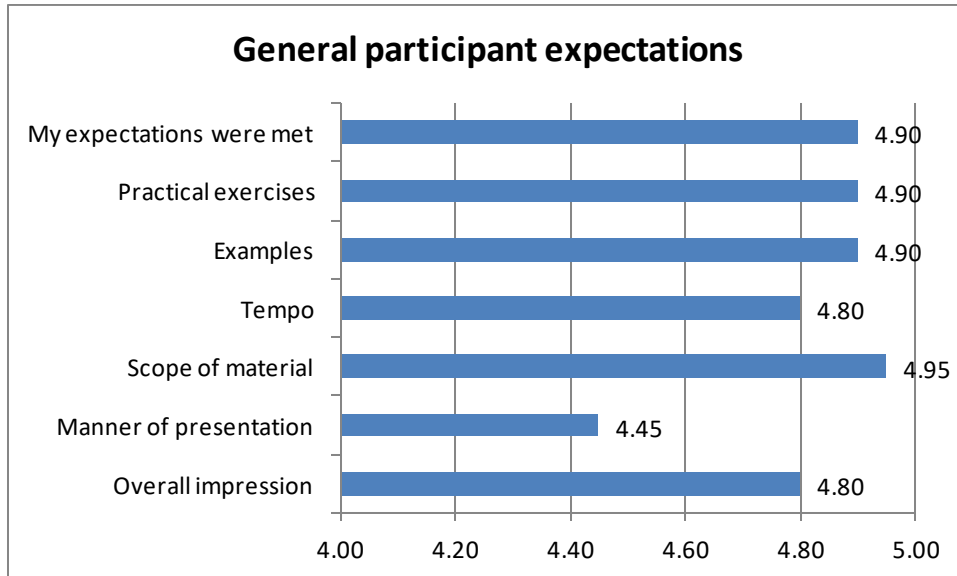
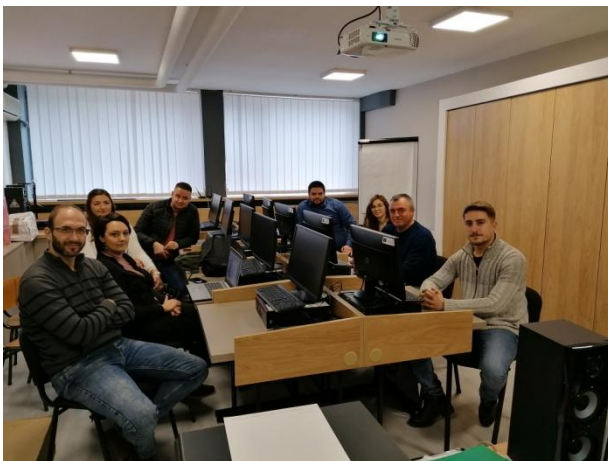


Figure 44. General participant expectations

4.4 Feedback from students related to the master curricula

It should be highlighted that six accredited master curricula (3 in RS, 2 in BA, 1 in XK), one accredited specialist professional study programme (1 in XK) and one modernized master study programme (1 in RS) were implemented.





The overall rating of master curriculum is presented in Figure 45 (all ratings of five point scale).

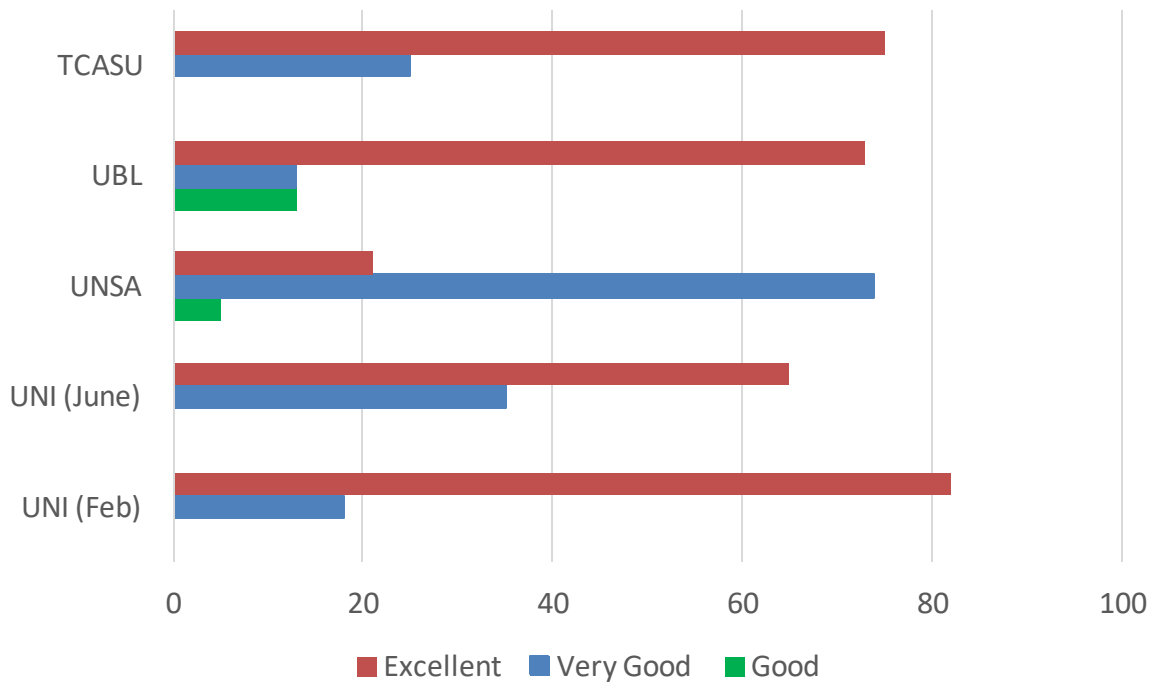


Figure 45. Overall rating of master curriculum

General evaluation criteria is presented in Figure 46 (top two ratings of five point scale).

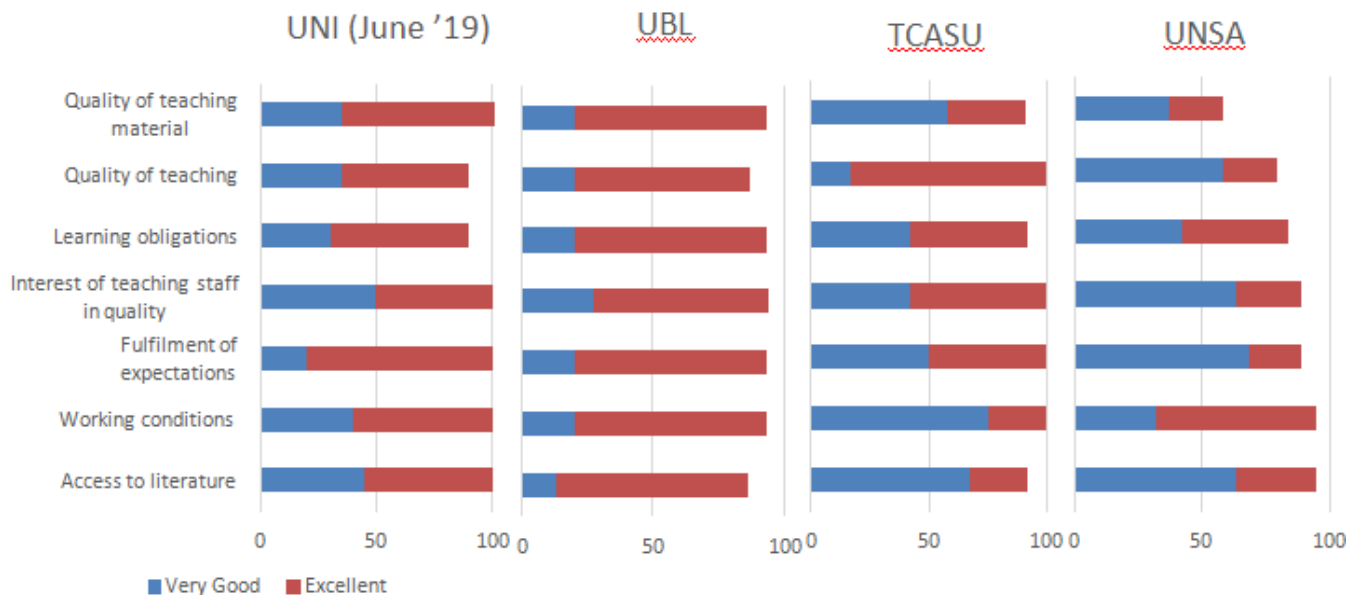


Figure 46. General evaluation criteria

Possibility of participation in student mobility criteria is presented in Figure 47 (all ratings of five point scale).

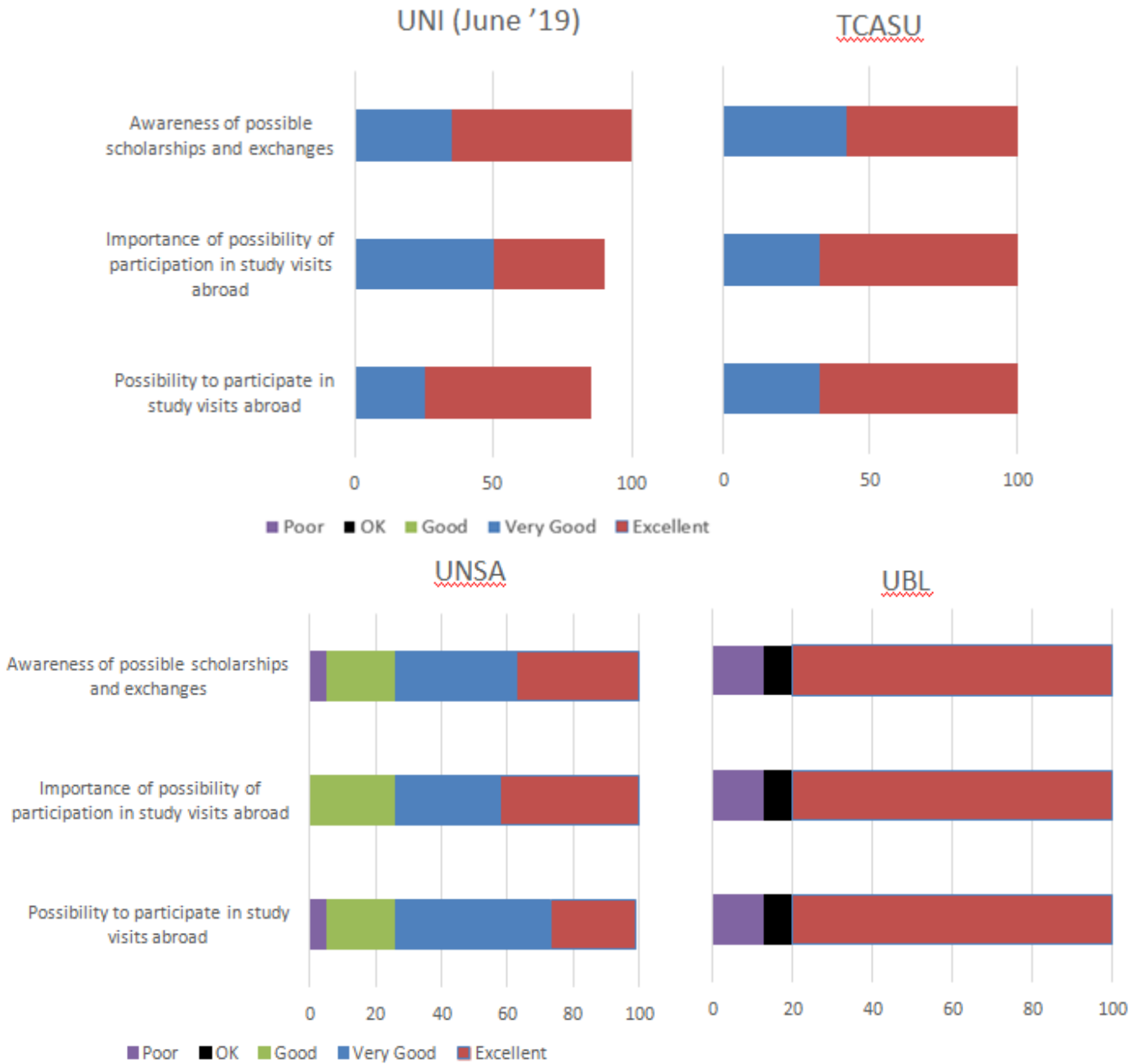


Figure 47. Possibility of participation in student mobility criteria



Narodne novine, 17 May 2017

http://www.natrisk.ni.ac.rs/files/dissemination/newsletter/Narodne_novine_-_17_May_2017.pdf

NatRisk oktatási módszer workshop



Az Óbudai Egyetem Bánki Donát Gépész és Biztonságtechnikai Karán nagy sikerrel zajlott le az Erasmus+ Program keretében támogatott NatRisk projekt első oktatási módszerekről szóló workshopja 2017. május 23-25. között Budapesten. A NatRisk projekt (<http://natrisk.ni.ac.rs/>) célja természeti katasztrófák kockázatmenedzsmentje mester képzés fejlesztése a Nyugat-Balkán országokban. Az ÓE BGK által szervezett workshopon a szerbiai, koszovói és bosznia-hercegovinai egyetemi oktatók ismerkedhettek meg a magyar oktatási gyakorlattal, különös tekintettel a BGK-n folyó munkára.

A 3 napos workshopot **Dr. habil. Tick József**, az Óbudai Egyetem rektorhelyettese és **Prof. Dr. Rajnai Zoltán**, az ÓE BGK dékánja nyitotta meg. **Dr. Nagy Rudolf** előadásában részletezte a magyarországi katasz-



trófavédelem feladatait, kihangsúlyozva a hadsereg szerepét. **Őszi Arnold** előadásában részletezte az UAV-k használatának fontosságát a természeti katasztrófák nyomán kialakult helyzet felderítésében, valamint gyakorlatban is bemutatta a drónok használatát. A tanácskozás második napján **Dr. Szabó Gyula** tartott bevezetést

Hírmondó szerkesztősége, 5 June, 2017

http://www.natrisk.ni.ac.rs/files/dissemination/newspapers/hirmondo_majus_fin.pdf

Η Κρήτη της εξωστρέφειας

12 Ιουλίου 2017



Τρεις ειδήσεις έρχονται να αναδείξουν την Κρήτη της εξωστρέφειας, αυτή που έχει το βλέμμα προσανατολισμένο στον σύγχρονο κόσμο της γνώσης.

Πρώτη είδηση: Σε εργαστήρια του Ινστιτούτου Ηλεκτρονικής Δομής και Λέζερ του Ιδρύματος Τεχνολογίας Έρευνας (ΙΤΕ) της Κρήτης, φιλοξενείται ομάδα 9 φοιτητών από το Πανεπιστήμιο της West Virginia (WVU) των ΗΠΑ, με σκοπό την εκπαίδευση σε θέματα νανο-τεχνολογίας.

Haniotika, 12 July 2017

<http://www.haniotika-nea.gr/i-kriti-tis-exostrefias/>

Χανιά | Συνάντηση εταίρων προγράμματος NatRisk στην Πολυτεχνειούπολη

12 Ιουλίου 2017



Στα πλαίσια του προγράμματος Erasmus+ για την ανάπτυξη ικανοτήτων, με στόχο την ανάπτυξη με ταπρυχιακών προγραμμάτων σπουδών για τη διαχείριση φυσικών καταστροφών στις χώρες των Δυτικών

Zarpanews, 12 July 2017

<http://www.zarpanews.gr/>

Obrazovanje

Novi studijski program na Fakultetu bezbjednosnih nauka u Banjaluci



Foto: Ilustracija | Novi studijski program na Fakultetu bezbjednosnih nauka u Banjaluci

8ma
08.11.2018 13:57

TREBINJE - Novi master program Upravljanje bezbjednosnim rizicima prirodnih katastrofa zvanično počinje u decembru na Fakultetu bezbjednosnih nauka Univerziteta u Banjaluci, a cijena školarine za polaznika prve godine biće simbolična, rekao je na današnjoj promociji u Trebinju dekan Fakulteta Predrag Čeranić.

Nezavisne novine

<https://www.nezavisne.com/novosti/obrazovanje/Novi-studijski-program-na-Fakultetu-bezbjednosnih-nauka-u-Banjaluci/507211?fbclid=IwAR3iAr12-c4GEK1rb3fTHjoDmLJGXMxEbfFwEmutcEbOQd8N5mfjiDk85w>

BOKU Magazin

Wie mit Naturgefahren zukünftig umgehen? Das EU-Projekt NatRisk erarbeitet dafür Masterstudienpläne für den Westbalkan und schreibt individuelle Mobilitätsstipendien aus

Von Maria Baumgartner und Michael Tritthart



WAS IST NATRISK?

Das Projekt NatRisk dient der Entwicklung von Masterstudienplänen auf dem Gebiet des Naturkatastrophenrisikomanagements sowie dem Kapazitätsaufbau im Hochschulbereich am Westbalkan in diesem Bereich. Die neuen Studiengänge sollen den Anforderungen des Bologna-Prozesses sowie den nationalen Akkreditierungsstandards entsprechen und eine Ausbildung von Fachleuten im Bereich des Naturkatastrophenrisikomanagements (Natural Disasters Risk Management, NDRM) ermöglichen. Sie sollen umfassende Aspekte des NDRM beinhalten, einen interdisziplinären Ansatz aufweisen und so die Kooperation zwischen Fachleuten aus verschiedenen wissenschaftlichen Bereichen erleichtern. Die Implementierung von innovativen Lern- und Lehrwerkzeugen, Methoden und pädagogischen Ansätzen, die klar definierte Lernziele und IKT-basierte Praktiken (u. a. flexible Lernwege, Blended Learning-Kurse, virtuelle und reale Mobilitäten, Praktika etc.) beinhalten, ist vorgesehen. Modernisierte Computereinrichtungen mit neuester Hard- und Software für Simulationen zur Beurteilung von Naturkatastrophen sowie

aktualisierte Bibliothekseinheiten stellen wichtige geplante Infrastruktureinrichtungen dar. Studierende werden in den Prozess der Identifizierung, Analyse und Bewertung von Risiken sowie in die Entwicklung von Strategien zur Behandlung und Reduktion bestehender und zukünftiger Risiken, die mit Best Practices der EU abgeglichen werden, direkt eingebunden.

Projektziel ist letztlich die Ausbildung von Expertinnen zur Prävention und zum Management von Naturgefahren gemäß nationalen und EU-Richtlinien. Das Projekt wird vom Erasmus+ Programm der Europäischen Union kofinanziert und hat eine Laufzeit von 2016 bis 2019.

WER SIND DIE PROJEKT BETEILIGTEN UND WIE KANN ICH MITMACHEN?

Das Projektteam ist international zusammengesetzt. Konsortialpartnern ist die Universität Niš in Serbien. Wissenschaftliche Projektpartnerinnen sind - neben der Universität für Bodenkultur Wien - Universitäten aus Großbritannien, Italien, Ungarn, Griechenland, Serbien, Bosnien-Herzegowina und dem Kosovo.

An der BOKU wird das Projekt von Michael Tritthart vom Institut für Wasserwirtschaft, Hydrologie und konstruktiven Wasserbau koordiniert. Das Zentrum für Lehre unterstützt NatRisk mit seiner Kompetenz bei der Durchführung eines Lehrendenworkshops im Herbst 2017 zur Vermittlung innovativer Lehrmethoden an die Kolleginnen aus den Partneruniversitäten des Westbalkans. Durch die tatkräftige Mithilfe des Zentrums für internationale Beziehungen konnten über die Unterstützung der administrativen Projektabläufe hinaus bereits auch zahlreiche Lehrendenmobilitäten im Rahmen des Projekts erfolgreich umgesetzt werden. Über diese individuellen Mobilitäten besteht die Möglichkeit der Mitwirkung auch für Lehrende und Studierende der BOKU. Während die Lehrendermobilitäten bereits ausgeschrieben wurden, wird es im kommenden Studienjahr 2018/19 insgesamt vier Mobilitäten für BOKU-Studierende geben, um je zwei Monate an den Universitäten in Niš oder Sarajevo zu verbringen und dabei am Projekt mitzuwirken - die Ausschreibungen dazu sind noch für das laufende Sommersemester geplant.

Projekt NatRisk <http://natrisk.nl.ac.rs>



Συνάντηση προγράμματος Erasmus+ στο Πολυτεχνείο Κρήτης για την ανάπτυξη προγραμμάτων σπουδών σχετικών με την διαχείριση κινδύνου από φυσικές καταστροφές στις χώρες των δυτικών Βαλκανίων

Όπως αναφέρει η σχετική ανακοίνωση «στις 5 και 6 Σεπτεμβρίου 2018 έλαβε μέρος στη Σχολή Μηχανικών Παραγωγής και Διοίκησης συνάντηση εταίρων του ευρωπαϊκού προγράμματος Erasmus+ με θέμα την ανάπτυξη προγραμμάτων σπουδών σχετικών με την διαχείριση κινδύνου από φυσικές καταστροφές στις χώρες των δυτικών Βαλκανίων. Ειδικοί από τις χώρες των Δυτικών Βαλκανίων και τις χώρες μέλη της Ευρωπαϊκής Ένωσης που

Haniotika

<http://www.haniotika-nea.gr/sinantisi-programmatos-erasmus-sto-politechnio-kritis/>

Συνάντηση προγράμματος Erasmus+ στο Πολυτεχνείο Κρήτης για την ανάπτυξη προγραμμάτων σπουδών σχετικών με την διαχείριση κινδύνου από φυσικές καταστροφές στις χώρες των δυτικών Βαλκανίων

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Απόρριψη

<http://www.parakritika.gr/62965-2/>

9/28/2018

Προγράμματα σπουδών για τη διαχείριση κινδύνου από φυσικές καταστροφές - Parakritika.gr

θέμα την ανάπτυξη προγραμμάτων σπουδών σχετικών με την διαχείριση κινδύνου από φυσικές καταστροφές στις χώρες των δυτικών Βαλκανίων.

Ειδικοί από τις χώρες των Δυτικών Βαλκανίων και τις χώρες μέλη της Ευρωπαϊκής Ένωσης που συμμετέχουν ως εταίροι συζητήσαν την πορεία του προγράμματος και την ανάπτυξη νέων προγραμμάτων σπουδών μεταπτυχιακού επιπέδου σχετικών με τις φυσικές καταστροφές, ένα αντικείμενο που συγκεντρώνει όλο και περισσότερο ενδιαφέρον σε διάφορες περιοχές του κόσμου.

Το πρόγραμμα διαχειρίζεται το Πανεπιστήμιο της Νίκ (της αρχαίας Ναϊσού) στη Σερβία, με επικεφαλής τον αναπληρωτή καθηγητή Milan Goeč. Τοπικοί οργανωτές ήταν ο Καθηγητής Γεώργιος Σταυρουλάκης και η κα. Μαρία Μπακατσάκη από το Εργαστήριο Υπολογιστικής Μηχανικής και Βελτιστοποίησης του Πολυτεχνείου Κρήτης.

Περισσότερες πληροφορίες για το πρόγραμμα ευρίσκονται στην ιστοσελίδα <http://www.natrisk.nl.ac.rs/>

Parakritika

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ΑΡΧΗΝ > ΚΡΗΤΗ > ΧΑΛΑΡΑ

Πολυτεχνείο: Συνάντηση για τη διαχείριση κινδύνου από φυσικές καταστροφές



Συνάντηση προγράμματος Erasmus+ στο Πολυτεχνείο Κρήτης για την ανάπτυξη προγραμμάτων σπουδών σχετικών με την διαχείριση κινδύνου από φυσικές καταστροφές στις χώρες των δυτικών Βαλκανίων

Στις 5 και 6 Σεπτεμβρίου 2018 έλαβε μέρος στη Σχολή Μηχανικών Παραγωγής & Διοίκησης συνάντηση εταίρων του ευρωπαϊκού προγράμματος Erasmus+ με θέμα "ανάπτυξη προγραμμάτων σπουδών σχετικών με την διαχείριση κινδύνου από φυσικές καταστροφές στις χώρες των δυτικών Βαλκανίων".

Πέμπτη, 20 Σεπτεμβρίου 2018, 09:07

ΠΟΛΥΤΕΧΝΕΙΟ ΚΡΗΤΗΣ

Είκοσι από τις χώρες των Δυτικών Βαλκανίων και τις χώρες μέλη της Ευρωπαϊκής Ένωσης που συμμετείχαν ως εταίροι συνέχισαν την πορεία του προγράμματος και την ανάπτυξη νέων προγραμμάτων σπουδών μεταπτυχιακού επιπέδου σχετικών με τις φυσικές

FlashNews

<https://flashnews.gr/post/365591/polytexneio-synanthsh-gia-th-diaxeirish-kindynoy-apo-fysikes-katastrofes>

OE Magazin

10th International Engineering Symposium at Bánki

Αz Óbudai Egyetem Bánki Donát Gépész és Biztonságtechnikai Mérnöki Kara idén tizedik alkalommal rendezte meg az *International Engineering Symposium at Bánki* elnevezésű nemzetközi konferenciáját. Ezen a jubileumi eseményen 28 angol nyelvű és 34 magyar nyelvű tudományos előadást hallhattak az érdeklődők.

A délelőtti, angol nyelvű plenáris előadások sorában elsőként **Brankica Popovic**, a belgrádi Kriminológiai Rendőραkadémia egyetemi docense mutatott be digitális törvényszéki megoldásokat a rendőrség szemszögéből. **Kovács Tibor**, az Óbudai Egyetem Bánki Donát Gépész és Biztonságtechnikai Mérnöki Karának (BGK)



2018. november

Hírmondó

17. oldal

tanszékvezető egyetemi docense a Karon folyó biztonságtechnikai mérnöki képzés 25 évét foglalta össze előadásában.

A plenáris előadások sorát ipari partnereink bemutatkozása és technológiai újdonságai követték. Ezek közül elsőként az Enterprise Group, majd a PATENT ŐR Zrt. képviselője tartotta meg az előadását. A délutáni szekció előadásai angol és magyar nyelven hangzottak el.

A négy angol nyelvű szekció közül az első dedikáltan az ÓE BGK nemzetközi projekt partnere, a NatRisk részére (Development of master curricula for natural disasters risk management in Western Balkan countries, Erasmus+ Capacity building in Higher Education, <http://natrisk.ni.ac.rs/>) került mini szimpóziumként

megrendezésre. Két angol nyelvű szekció az anyag-és gyártástechnológia témáját érintette, a negyedik pedig a biztonság területét ölelte fel. Hat magyar nyelvű szekció is helyett kapott a konferencián: IT technológia és biztonság, Anyagtechnológia 1-2, Biztonság, Járműtechnológia és Gyártástechnológia.

A konferencián elhangzott előadásokat a szervező bizottság lektorálás után a Bánki Közlemények (Bánki Reports) folyóiratban jelenteti meg 2019 elején.

Köszönjük minden előadónak, hogy részvételükkel és kutatási munkájuk bemutatásával hozzájárultak ahhoz, hogy az IESB 2018 konferencia színvonalát emeljék.

dr. Drégelyi-Kiss Ágota

Also, six newsletters (April 2017, October 2017, April 2018, November 2018, April 2019, October 2019) were created and posted on more than 150 e-mail addresses.



Figure 49. Newsletter cover page

Newsletters can be downloaded from the following web page

<http://www.natrisk.ni.ac.rs/dissemination/newsletter>

6 Radio and television

Indeks - Beograd 202, November 2017

Audio record can be found at

<http://www.rts.rs/page/radio/ci/story/29/beograd-202/2936353/indeks-.html>

RTS1, November 2017

<http://www.natrisk.ni.ac.rs/dissemination/radio-television-videos>



National TV RTRS

http://arh1.rtrs.tv/arhiva/2018/11/09/09_11_2018_srpska_danas_kxkbq_live.mp4

