



# 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

Project title	Development of master curricula for natural disasters risk management in Western Balkan countries
Project acronym	NatRisk
Project reference number	573806-EPP-1-2016-1-RS-EPPKA2-CBHE-JP
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

## DOCUMENT CONTROL SHEET

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Ref. no and title of activity	6.2 Development and maintenance of project website and creation of promotional materials and campaigns
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Dissemination level	Public

## VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Revision description	Partner responsible
v.01	07/01/2019	Document creation	All partners

# Table of contents

1	Introduction .....	3
2	Promotional material and channels.....	4
2.1	Web site .....	4
2.2	Social network profile.....	7
2.3	Project Management Platform.....	11
2.6	Erasmus+ Project Results Platform .....	11
2.7	NatRisk partners' web sites .....	12
2.8	Promotional material.....	13
3	Dissemination activities .....	22
3.1	Promotional activity for trainings .....	22
3.2	Promotion of student enrollment .....	23
3.3	NatRisk events.....	25
3.3.1	Kick-off meeting.....	25
3.3.2	Workshop in Vienna.....	25
3.3.3	Study visit and training of teaching staff in Budapest .....	26
3.3.4	Study visit and training of teaching staff in London .....	27
3.3.5	Study visit and training of teaching staff in Chania .....	27
3.3.6	Study visit and training of teaching staff in Messina .....	28
3.3.7	Study visit and training of teaching staff in Vienna .....	29
3.3.8	Inter-project coaching meeting in Belgrade .....	29
3.3.9	Trainings for citizens and public sector.....	30
3.4	Representation at relevant events.....	33
4	Analysis of target groups.....	40
4.1	Trained Western Balkan academic staff.....	40
4.2	Participants at the trainings organized by WB HEIs .....	41
5	Targeted written material .....	45
6	Radio and television .....	52

## 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
KPA	Academy of Criminalistics 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 period 15 October 2016 to 31 December 2018 in the framework of 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 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](http://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 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 where necessary configured). Such channels will allow 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](http://www.natrisk.ni.ac.rs)) is an important dissemination tool for presentation of project results as well as place where all the information on 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 presentations, Logical Framework Matrix (LFM) and Work plan documents, the contact details of the coordinator.

Development of the website and the continuously updated information will be ensured by University of Nis (UNI).

Statistics related to website visits will be done using Google Analytics to track interest of target groups. Boosting project visibility by Search Engine Optimisation service will achieve spreading of project objectives and results.

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

All partners will regularly provide information for dissemination on website. Website will be 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, Associated partner)
4. Activities
5. News
6. Events
7. Gallery
8. Project management



**Figure 1.** Screenshot of NatRisk home page

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



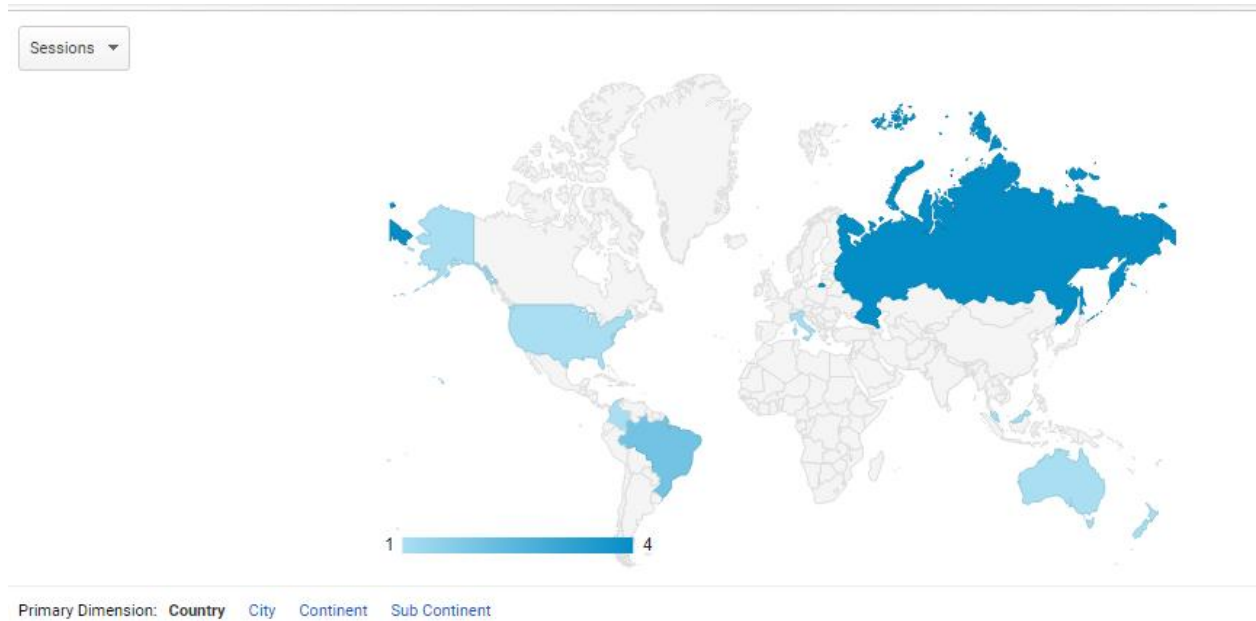
1. Home
2. About (Description, Objectives, LFM and work plan, Work packages, Outputs and outcomes, Consortium, ERASMUS+ KA2 documents, Collaborate with us, Useful links)
3. Activities
4. News & events (News, Events)
5. Dissemination (Promotional material, Press releases, Newsletter, Presentations & publications, 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 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.





**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.

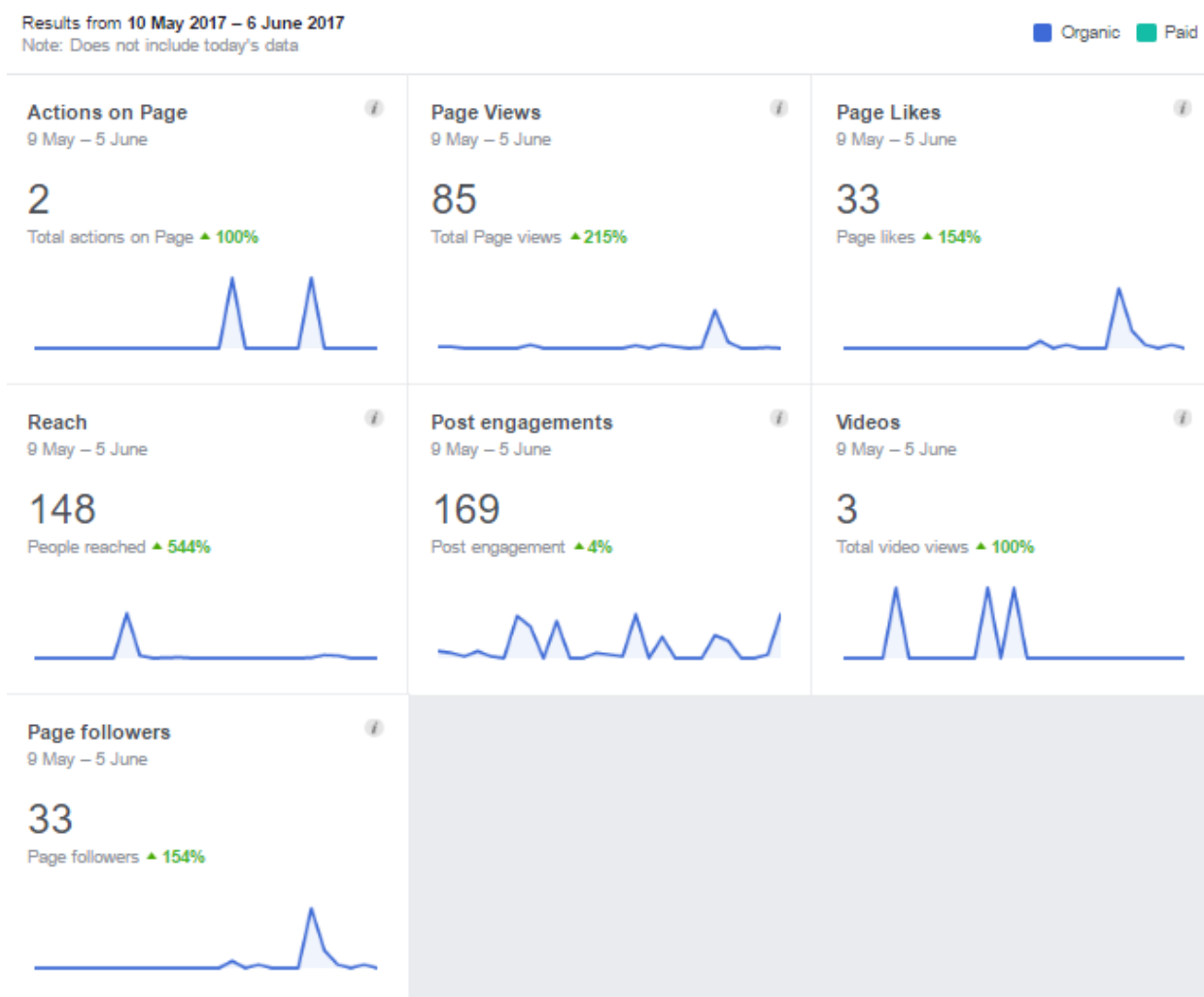
Facebook is the most widely utilized social network in the world. Through the NatRisk Facebook page (Figure 4), information, events, pictures and links can be shared, and the public can react by “liking” the page, giving “likes” to single elements and writing directly to the Project account.

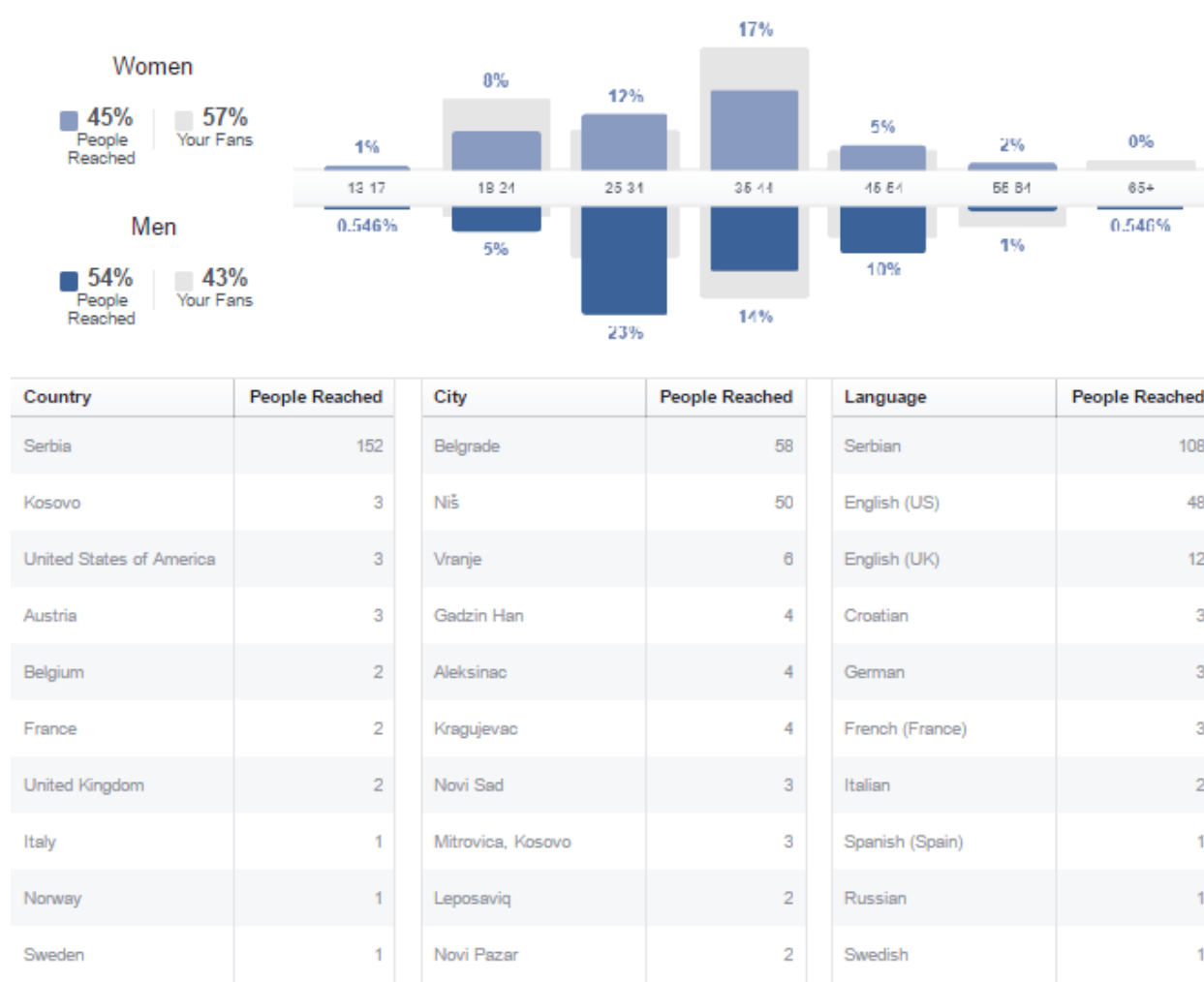
The typical user is a young adult, who wants to keep in touch with friends and relatives. Therefore, a conversational, informal communication style is to be preferred.

Facebook analytics is used to obtain NatRisk Facebook page results (Figure 5).



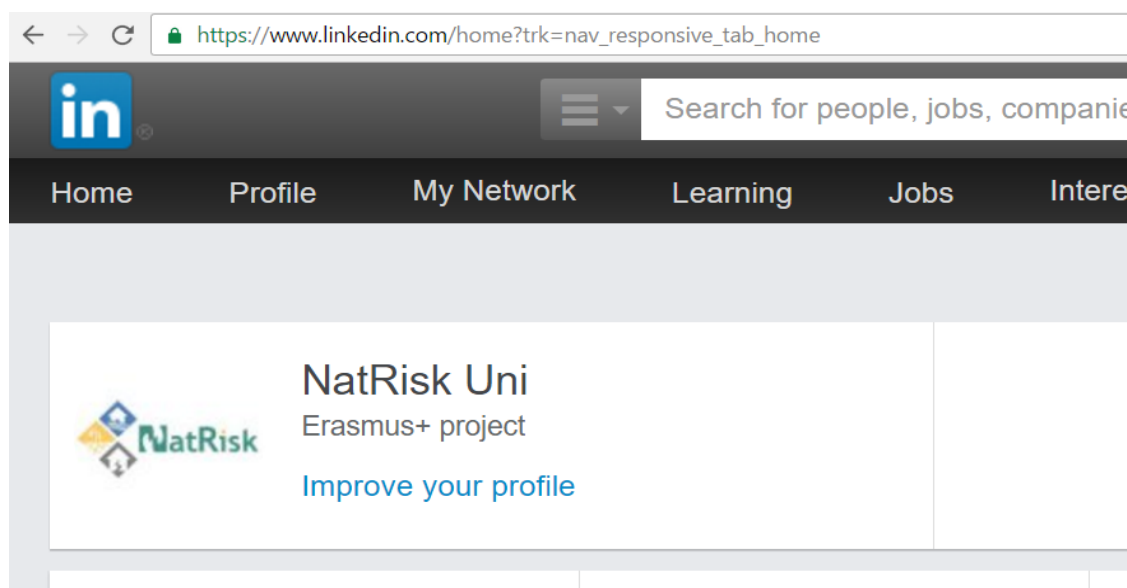
Figure 4. NatRisk Facebook page





**Figure 5.** NatRisk Facebook Page Results

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



**Figure 6.** NatRisk LinkedIn group

The target group here is 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 is used to upload original project content and share it with friends and public in general.

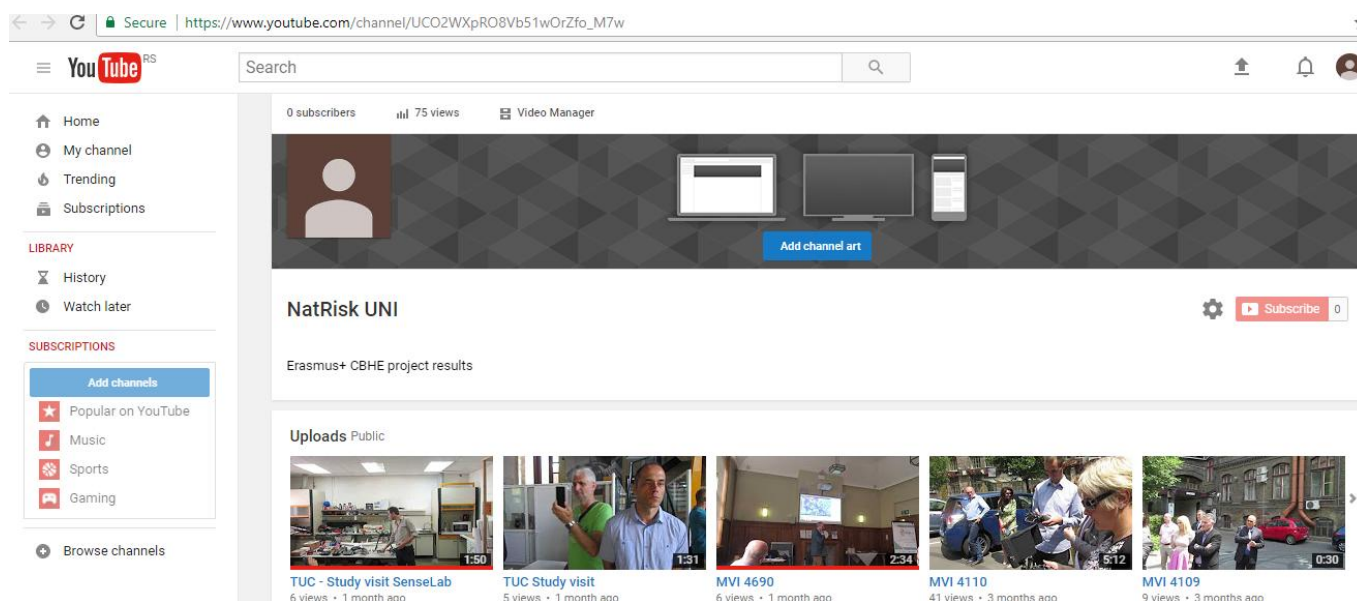


Figure 7. NatRisk YouTube channel

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

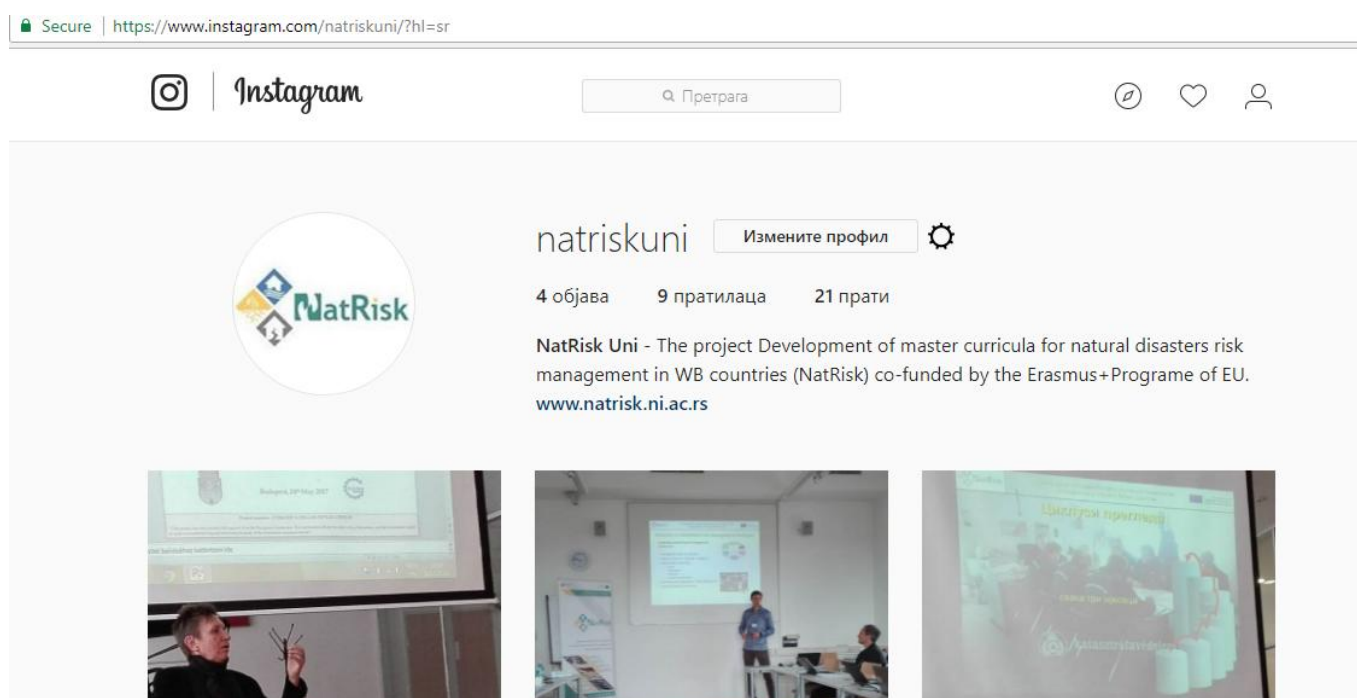


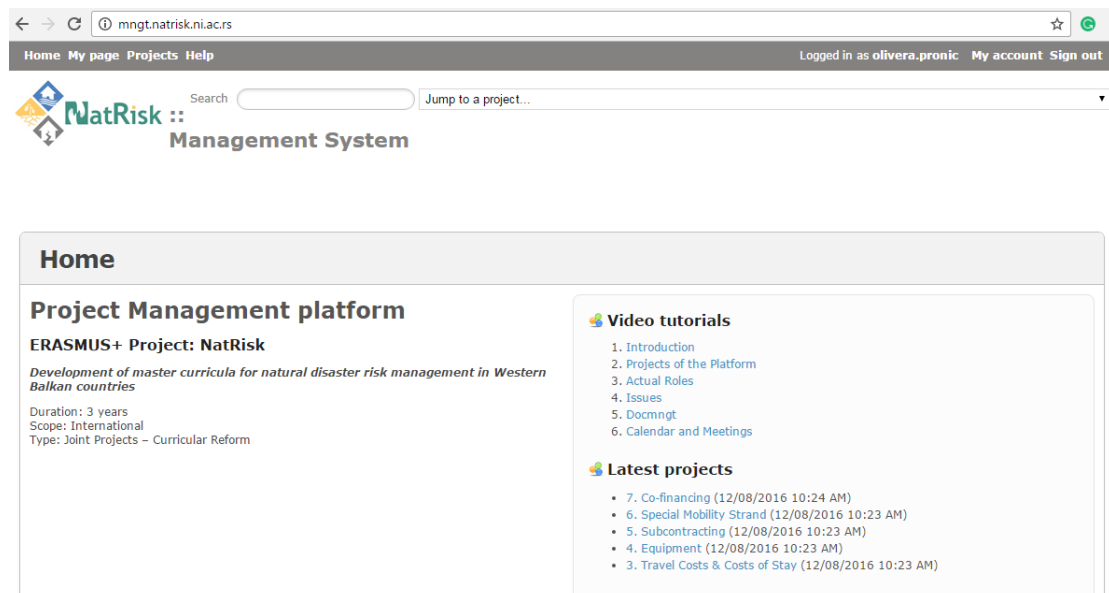
Figure 8. NatRisk Instagram profile

## 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 9.** Screenshot of Project Management Platform

## 2.6 Erasmus+ Project Results Platform

The Erasmus+ Project Results Platform (<http://ec.europa.eu/programmes/erasmus-plus/projects/eplplus-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,



- ERASMUS+**  
Enriching lives, opening minds

European Commission > Erasmus + > Projects Results

## DEVELOPMENT OF MASTER CURRICULA FOR NATURAL DISASTERS RISK MANAGEMENT IN WESTERN BALKAN COUNTRIES









8 Participating countries:

[VIEW PROJECT MAP](#) [DOWNLOAD AS PDF](#)

**Start:** 15-10-2016 - **End:** 14-10-2019  
**Project Reference:** 573806-EPP-1-2016-1-RS-EPPKA2-CBHE-JP  
**EC Grant:** 1,245,746 EUR

**Coordinator**  
 UNIVERZITET U NISU  
 UNIVERZITETSKA TRG 2, 18000  
 NIS  
 Serbia  
 RS  
**Organisation type:** Higher education institution (tertiary level)

**Partners**

ПОЧЕТА	АКАДЕМИКА	СТУДИЈЕ	СТУДЕНТИ	НАУКА	БИЗНИСОСКА	УМЈЕТ	ЕНГЛИШ
							
ОСНОВНЕ СТРУКОВНЕ СТУДИЈЕ АРХИТЕКТУРЕ	ОСНОВНЕ АКАДЕМСКЕ СТУДИЈЕ АРХИТЕКТУРЕ	ОСНОВНЕ АКАДЕМСКЕ СТУДИЈЕ БОЈЕВИШНОГ ИДЕНТИТЕТА	ОСНОВНЕ АКАДЕМСКЕ СТУДИЈЕ БОЈЕВИШНОГ ИДЕНТИТЕТА И РАЗНОСТ	МАСТЕР АКАДЕМСКЕ СТУДИЈЕ АРХИТЕКТУРЕ	МАСТЕР АКАДЕМСКЕ СТУДИЈЕ БОЈЕВИШНОГ ИДЕНТИТЕТА	МАСТЕР АКАДЕМСКЕ СТУДИЈЕ БОЈЕВИШНОГ ИДЕНТИТЕТА И РАЗНОСТ	СПЕЦИЈАЛИЗИРАНЕ АКАДЕМСКЕ СТУДИЈЕ АРХИТЕКТУРЕ
<div> <div>  <p>УНИВЕРЗИТЕТ ЗАГРЕБ</p> <p>ФАКУЛТЕТ АРХИТЕКТУРЕ</p> </div> <div> <p>ШКОЛСКА ПОДРУЧКА ИСПОСТАВА</p> <p>ИЗЛОЖБАМИ</p> </div> </div>							
 <p>Историјско наслеђе</p> <p>Каталог <a href="#">Povijest</a></p>	 <p>Историјско наслеђе</p> <p>Каталог <a href="#">Povijest</a></p>	 <p>Струковна вешт</p> <p>Каталог <a href="#">Povijest</a></p>	 <p>Историјско наслеђе</p> <p>Каталог <a href="#">Povijest</a></p>	 <p>Данијел АРХАМБОЛД РА...</p>			
<p>НАЈНОВИЈЕ ВЕСТИ</p>				 <p>NatRisk</p>			

12

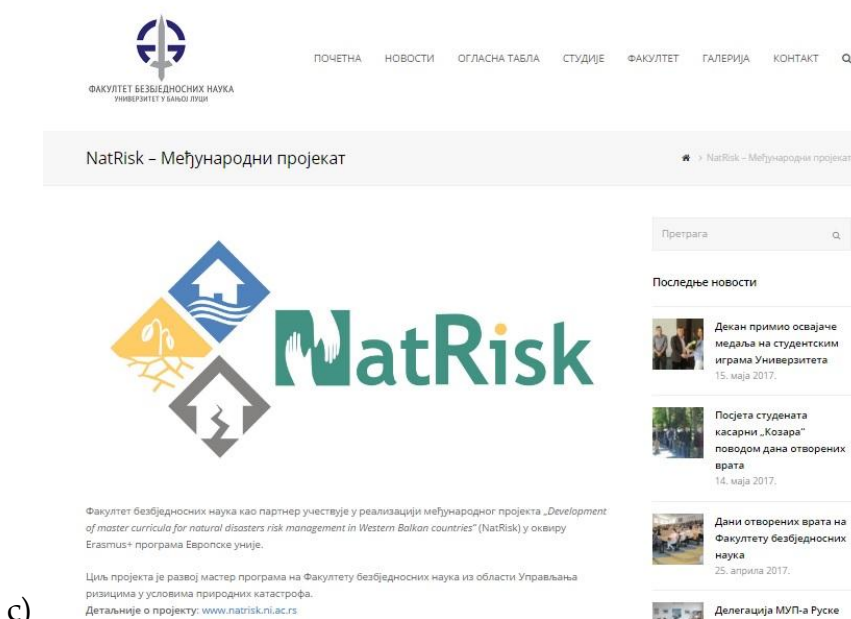
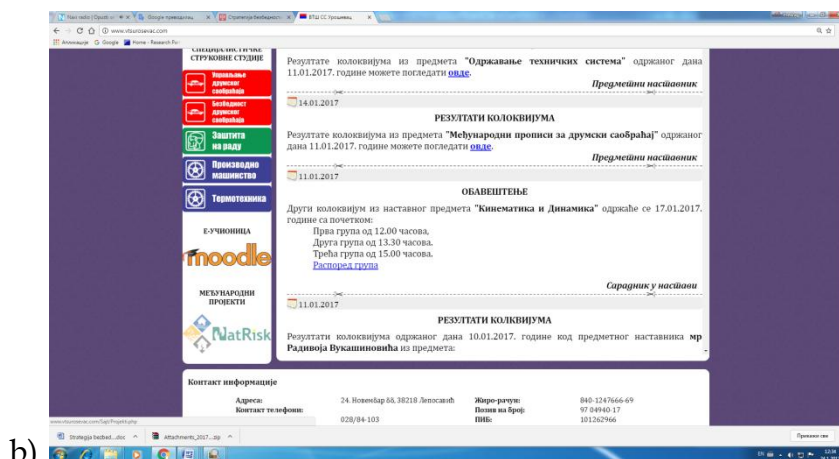


Figure 11. a) KPA web site, b) TCASU web site, c) UBL web site

## 2.8 Promotional material

Project brochure is designed with idea to present briefly main information about 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.





**Wider Objectives**

- Education of experts for prevention and management of natural disasters in the region of Western Balkan (WB) according to the national and EU policies.

**Specific Objectives**

- Development and implementation of methodology for identification of natural disasters to be managed in WB region and all aspects of prevention and consequences in order to define specific competencies of professionals in accordance with the EU best practices.
- Development and implementation of the new advanced master curricula in Natural Disasters Risk Management (NDRM) in line with the Bologna requirements and national accreditation standards, acknowledging the latest multi- and cross-disciplinary findings, transferring and implementing knowledge/experience from EU partner HEIs.
- Development and conduction of trainings for the public sector and citizens in WB partner countries to raise awareness regarding prevention, for adequate response in case of various natural disasters, enabling in that way mitigation of the natural disasters' consequences in all their aspects.

**Consortium**

- University of Niš, Serbia
- Academy of Criminalistics and Police Studies in Belgrade, Serbia
- University of Defence in Belgrade, Serbia
- University of Pristina in Kosovska Mitrovica, Kosovo\*
- Technical College of Applied Sciences Uroševac with temporary seat in Leposavić, Kosovo\*
- University of Sarajevo, Bosnia and Herzegovina
- Republic of Srpska - Ministry of Interior Police College, Department for police education, Bosnia and Herzegovina
- University of Natural Resources and Life Sciences, Austria
- Middlesex University, United Kingdom
- Robert Gordon University, United Kingdom
- Óbuda University, Hungary
- Technical University of Crete, Greece
- University of Messina, Italy

**Associated Partner**

- Republic Hydrometeorological Service of Serbia

**Coordinator:**  
University of Niš  
Univerzitetski trg 2  
18000 Niš, Serbia  
www.ni.ac.rs

**Co-Funded by the Erasmus+ Programme of the European Union**

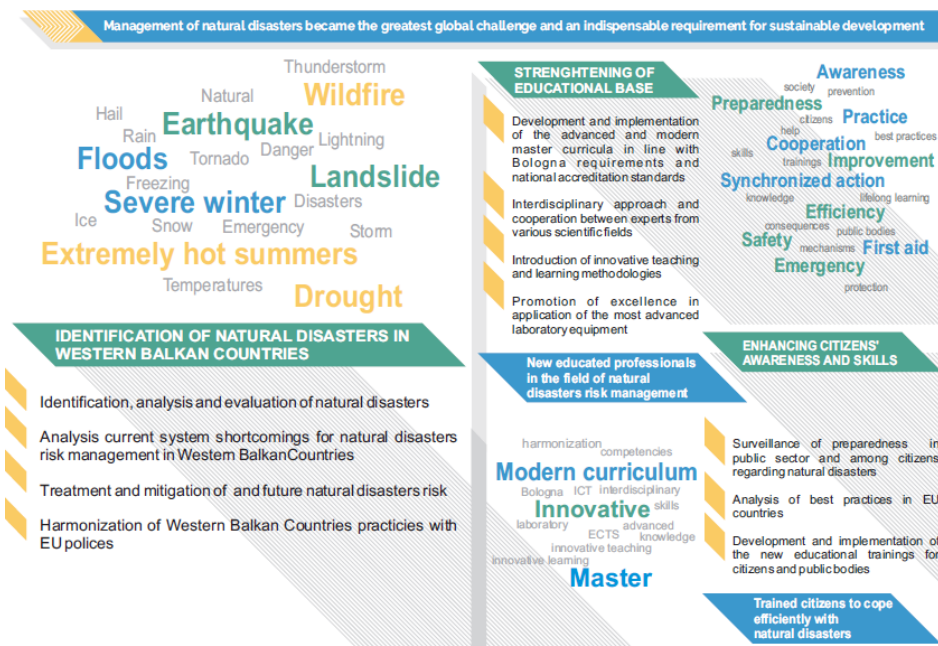
**ERASMUS+ PROJECT**

**NatRisk**

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

[www.natrisk.ni.ac.rs](http://www.natrisk.ni.ac.rs)

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

**Wildfire**  
Thunderstorm, Hail, Rain, Earthquake, Lightning, Floods, Tornado, Danger, Landslide, Freezing, Severe winter, Disasters, Ice, Snow, Emergency, Storm, Extremely hot summers, Temperatures, Drought

**IDENTIFICATION OF NATURAL DISASTERS IN WESTERN BALKAN COUNTRIES**

- Identification, analysis and evaluation of natural disasters
- Analysis current system shortcomings for natural disasters risk management in Western Balkan Countries
- Treatment and mitigation of and future natural disasters risk
- Harmonization of Western Balkan Countries practices with EU policies

**STRENGTHENING OF EDUCATIONAL BASE**

- Development and implementation of the advanced and modern master curricula in line with Bologna requirements and national accreditation standards
- Interdisciplinary approach and cooperation between experts from various scientific fields
- Introduction of innovative teaching and learning methodologies
- Promotion of excellence in application of the most advanced laboratory equipment

**Enhancing Citizens' Awareness and Skills**

- 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 trainings for citizens and public bodies
- Trained citizens to cope efficiently with natural disasters

**Modern curriculum**  
Bologna, ICT, interdisciplinary, innovative, laboratory, ECTS, advanced knowledge, innovative teaching, innovative learning

**Master**

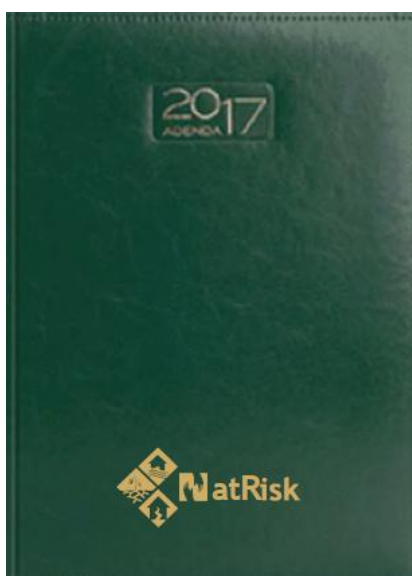
**Preparedness**  
Awareness, society, prevention, citizens, best practices, Practice, Cooperation, help, skills, trainings, Improvement, Synchronized action, knowledge, belonging learning, Efficiency, consequences, public bodies, Safety, mechanisms, First aid, Emergency, protection

Figure 12. 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, notebook) are designed for the use during project events (workshops, trainings).



**Figure 13.** Poster



**Figure 14.** Notebook with project logo



Figure 15. Folder



Figure 16. Project bag with NatRisk logo



Figure 17. Rollup



Figure 18. 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 OBUKU:**  
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](http://www.nlac.rs)

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**SITUACIJAMA**  
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[www.natrisk.nlac.rs](http://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**



Figure 19. Leaflet for training in English

**UČESNICI:**  
Zaposleni u javnom sektoru i stanovništvo

**LOKACIJA:**  
6 gradova u zemljama Zapadnog Balkana:  
**Kosovska Mitrovica** **Sarajevo**  
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30 učesnika




Koordinator:  
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**OBUKA**  
JAVNOG SEKTORA  
I STANOVNIŠTVA

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

[www.natriskni.ac.rs](http://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 pružaoća pomoći, pitanja oporavka, finansiranje pomoći i demobilizacija.

**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

**UNAPREĐENJE 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 zemljama 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

**PROGRAM OBUKE:**

**MODUL 1:**  
Uvod i svest u javnosti

**MODUL 2:**  
Kurs upravljanja organizacijom

**MODUL 3:**  
Uvod u organizacionu strukturu, objekte i resurse

**MODUL 4:**  
Pravni okvir

**MODUL 5:**  
Studije slučaja



**OBUČENO STANOVNIŠTVO EFIKASNO REAGUJE NA PRIRODNE NEPOGODE**

društvo

**Spremnost**  
pomoć  
**Kooperacija**  
veštine  
**Sinhronizovane akcije**  
znanje  
**Sigurnost**  
mehanizmi  
**Vanredna situacija**

**Svesnost**  
prevencija  
**Praksa**  
najbolje prakse  
**Unapređenje**  
dodatno učenje  
javne institucije  
**Prva pomoć**  
zasićenost

[www.natriskni.ac.rs](http://www.natriskni.ac.rs)

Figure 20. 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
- Sektori 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**

Đenari Cerimagić  
Adis Skejić

**Geodezija i geoinformatika**

Slobodanka Kijučanin  
Admir Mulahusić

**Prostorno planiranje**

Dženana Bijedić  
Denis Zvizdić

**Geografija**

Nusret Drešković

ERASMUS+ PROJECT



UNIVERZITET U SARAJEVU  
**CIS** Centar za interdisciplinarnu studije

## Master Program ZAŠTITA OD PRIRODNIH KATASTROFA

www.cis.unsa.ba



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71000 Sarajevo, B&H,  
Tel.: +387 33 668 685  
E-mail: [ds@cis.unsa.ba](mailto:ds@cis.unsa.ba)



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

This project has been co-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.

### UVJETI UPISA NA STUDIJ

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)
- imaju završen I i II ciklus studija u trajanju od 4+1 godina ili 3+2 godine, (300 ECTS)
- su završili studij po predložjenim nastavnim planovima i programima.

### POSTUPAK PRIJAVE

- Aplikanti moraju poslati dokumente u skladu sa pravilima studiranja II ciklusa UNSA ([www.unsa.ba/ciMusi-studija](http://www.unsa.ba/ciMusi-studija)).
- Dokumenti se šalju na osnovu objavljenog konkursa o upisu ([vidi: www.cis.unsa.ba](http://www.cis.unsa.ba))
- Za sve daljnje informacije kontaktirati Stručnu službu CIS-a: [ds@cis.unsa.ba](mailto:ds@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.

### AKADEMSKA TITULA

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

### NASTAVNI PLAN I PROGRAM

Za više informacija, molim vas posjetite web stranicu [www.cis.unsa.ba](http://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
- Tražnost materijala kao mjera prevencije
- Kartografija
- Topografski/kartografski modeli
- Prostorne baze podataka i IPP
- Daljnja 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 21. Leaflet for master curricula





Figure 22. Brochure for master curricula

## 3 Dissemination activities

This section provides a list and description of the dissemination activities carried out during the period 15 October 2016 to 31 December 2018.

### 3.1 Promotional activity for trainings

Members of WB partners have 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 on the web page  
<http://www.natrisk.ni.ac.rs/activities?id=136>.

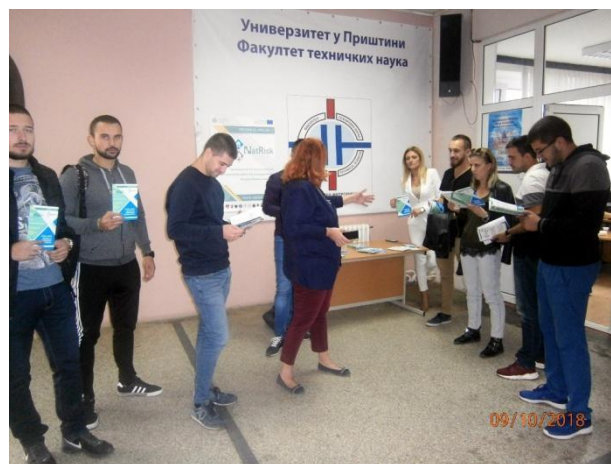
### 3.2 Promotion of student enrollment

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

At the Faculty of Security Sciences, on November 14, 2018, an info day for student's enrollment for master studies Disasters risk management was held.







### 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 project coordinator 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, ISSSES - 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 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



## Academy of Criminalistic and Police Studies



## University of Defence



## University of Pristina in Kosovska Mitrovica



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

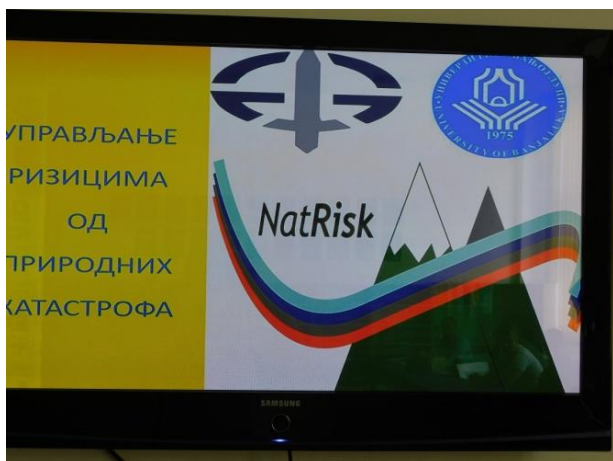


## University of Sarajevo





## University of Banja Luka



More details can be found on the web page

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

### 3.4 Representation at relevant events

The NatRisk project members have taken part in more than 70 dissemination activities 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

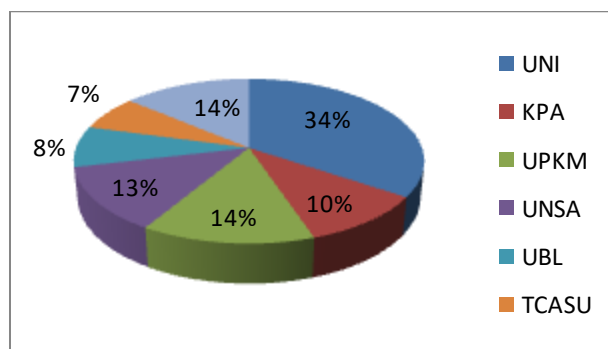


More details can be found on the web page  
<http://www.natrisk.ni.ac.rs/news/events>

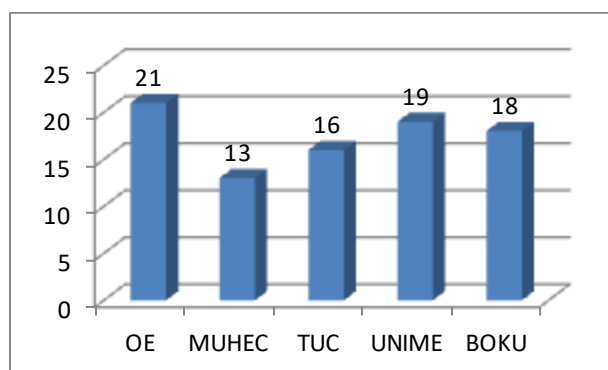
## 4 Analysis of target groups

### 4.1 Trained Western Balkan academic staff

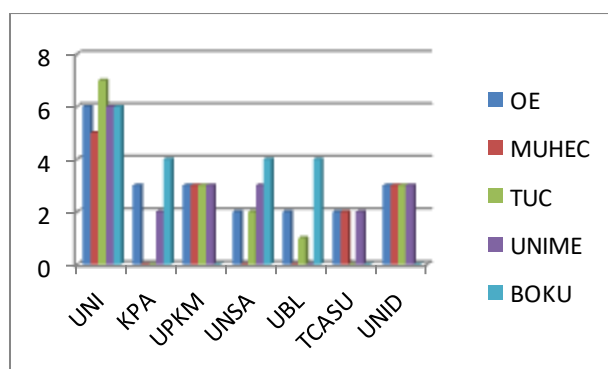
During the five trainings in EU partner countries, 87 Western Balkan teaching staff were trained i.e. UNI – 30, KPA – 9, UPKM – 12, UNSA – 11, UBL – 7, TCASU – 6 and UNID – 12. Number of male was 52 and number of female was 35.



**Figure 22.** Percentage of trained WB teaching staff



**Figure 23.** Number of WB teaching staff trained at EU partner HEI



**Figure 24.** 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.

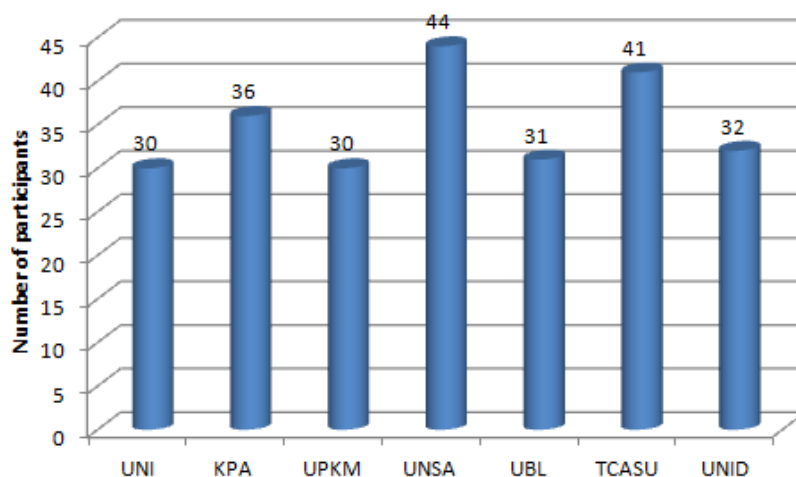


Figure 25. Number of participants per WB HEI

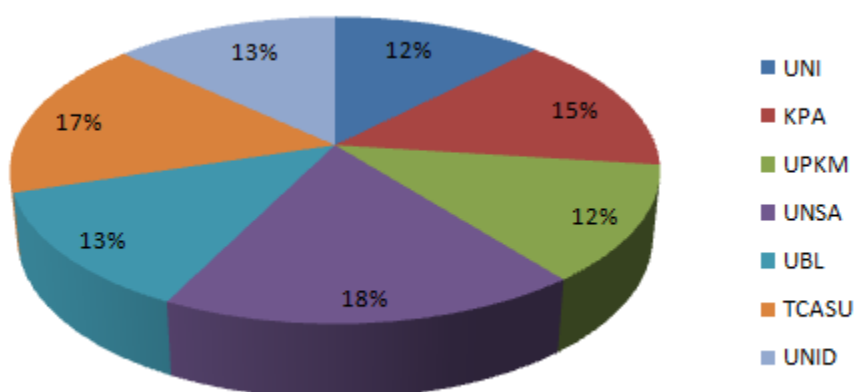
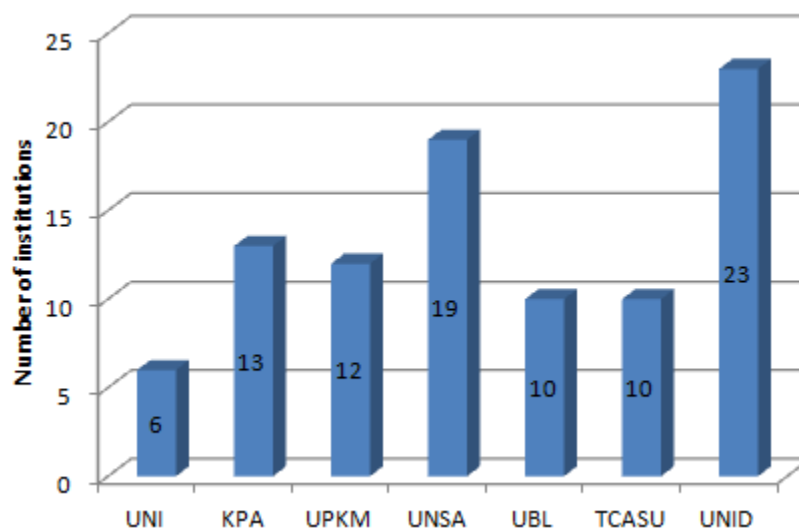
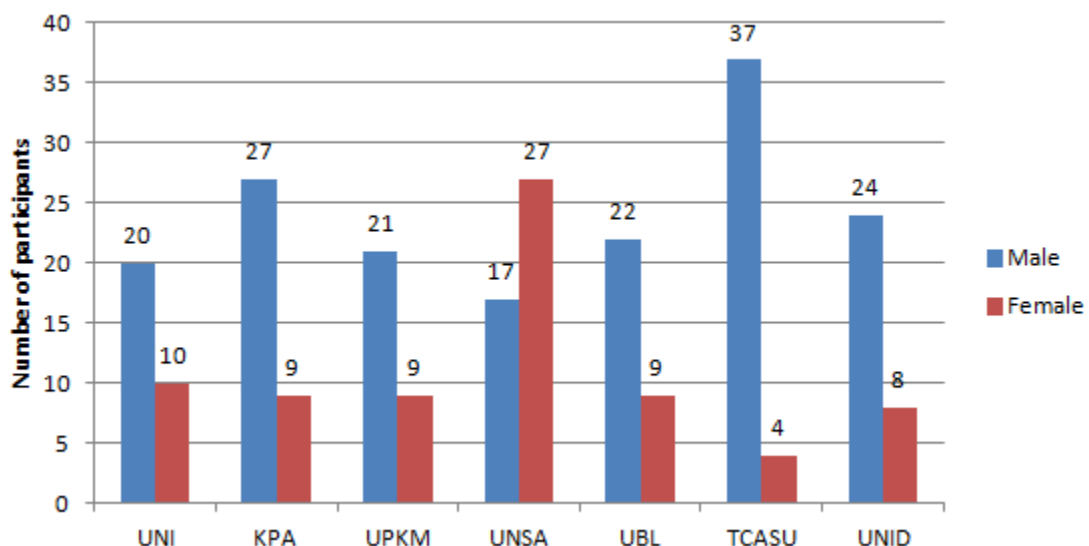


Figure 26. Percentage of trained persons per WB HEI



**Figure 27.** Number of different participated institutions per WB HEI

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



**Figure 28.** 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 29),
- overall rating of training (Figure 30),
- overall impression (Figure 31),
- overall rating of trainer (Figure 32),
- quality of presentations (Figure 33).



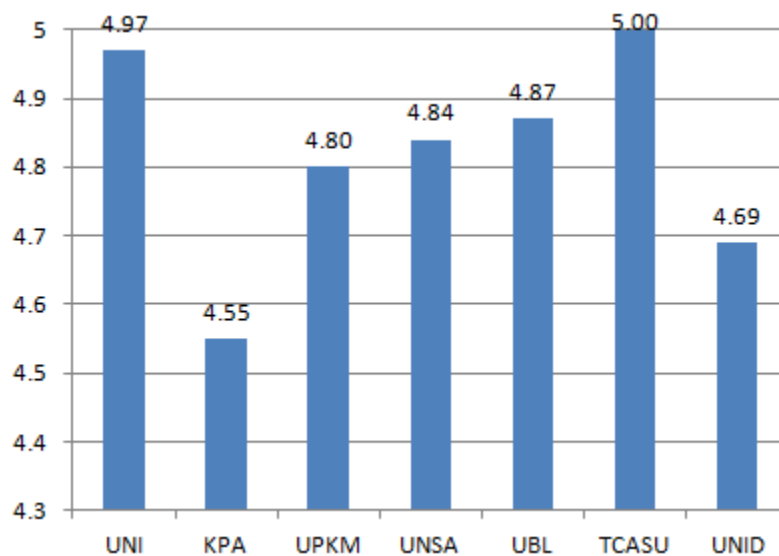


Figure 29. Relevance of the topic

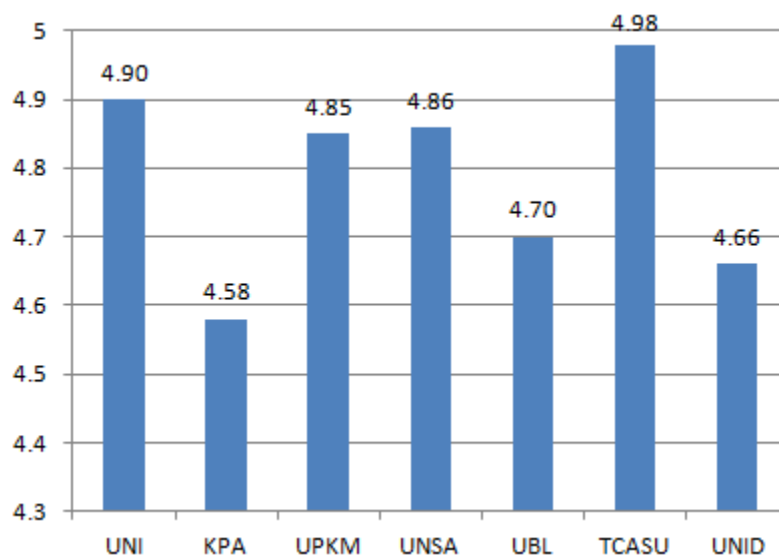


Figure 30. Overall rating of training

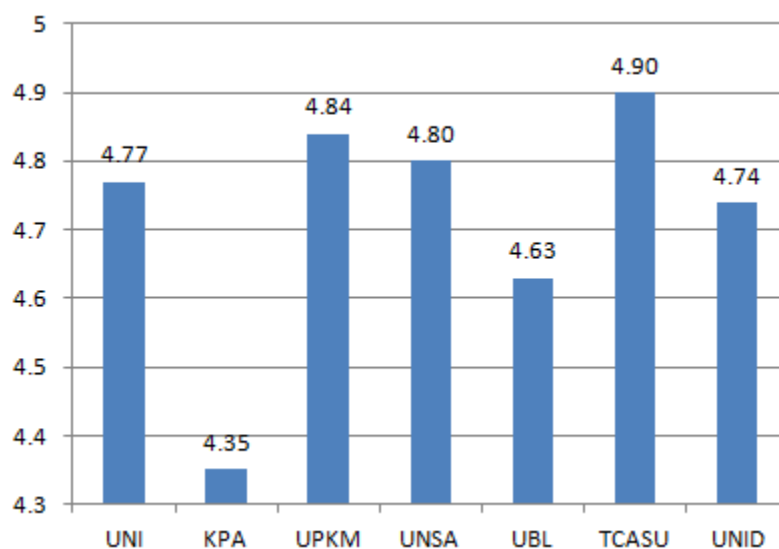
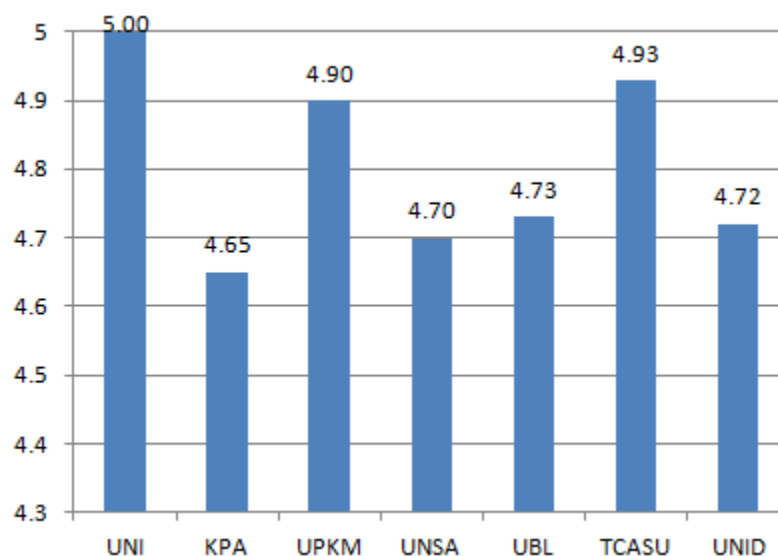
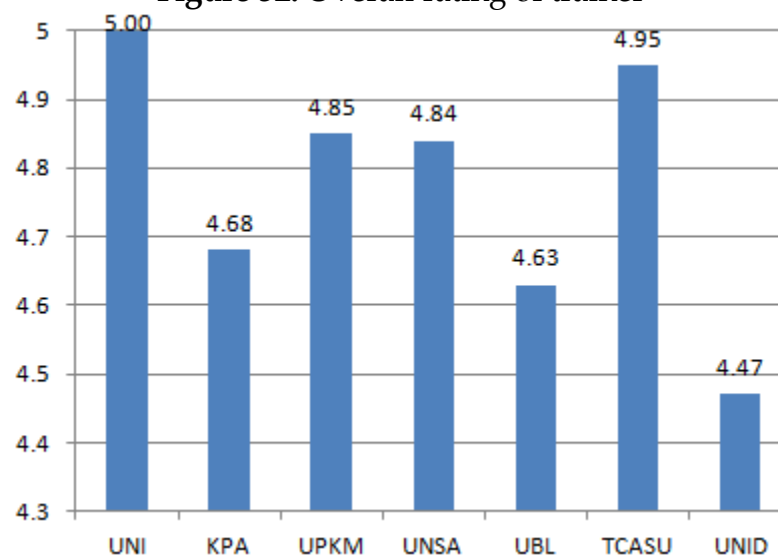


Figure 31. Overall impression



**Figure 32.** Overall rating of trainer



**Figure 33.** Quality of presentations

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.







Narodne novine, 17 May 2017

[http://www.natrisk.ni.ac.rs/files/dissemination/newsletter/Narodne\\_novine\\_-\\_17\\_May\\_2017.pdf](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 bevezető

Hírmondó szerkesztősége, 5 June, 2017

[http://www.natrisk.ni.ac.rs/files/dissemination/newspapers/hirmondo\\_majus\\_fin.pdf](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 ταπтыχικών 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

28. Decembar



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

Brna

09.11.2018 13:57

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

## Nezavisne novine

<https://www.nezavisne.com/novosti/obrazovanje/Novi-studijski-program-na-Fakultetu-bezbjednosnih-nauka-u-Banjaluci/507211?fbclid=IwAR3iAr12-c4GEKlrb3fTHjoDmLJGXMxEbfFwEmutEbOQd8N5mfjiDk85w>

## 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



# NatRisk

#### 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. Konsortialführer 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 Lehrendenmobilitäten 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 εταιρών του ευρωπαϊκού προγράμματος Erasmus+ με θέμα την ανάπτυξη προγραμμάτων σπουδών σχετικών με την διαχείριση κινδύνου από φυσικές καταστροφές στις χώρες των δυτικών Βαλκανίων. Ειδικό 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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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.

Είδικό από τις χώρες των δυτικών Βαλκανίων και τις χώρες μέλη της Ευρωπαϊκής Ένωσης που συμμετέχουν ως εταίροι αυτών 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 Νις (της αρχαίας Ναισού) στη Σερβία με επικεφαλής τον αναπληρωτή καθηγητή Milan Goez. Τοπικοί οργανισμοί 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

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



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

Επί 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".

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

Πέμπτη, 20 Σεπτεμβρίου 2018, 09:07

ΠΟΛΥΤΕΧΝΕΙΟ ΚΡΗΤΗΣ

FlashNews

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

OE Magazin

## 10<sup>th</sup> International Engineering Symposium at Bánki

Az 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 Kriminálisztikai Rendőrakadémia 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 OE 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, four newsletters (April 2017, October 2017, April 2017, November 2018) were created and posted on more than 100 e-mail addresses.



Figure 34. 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

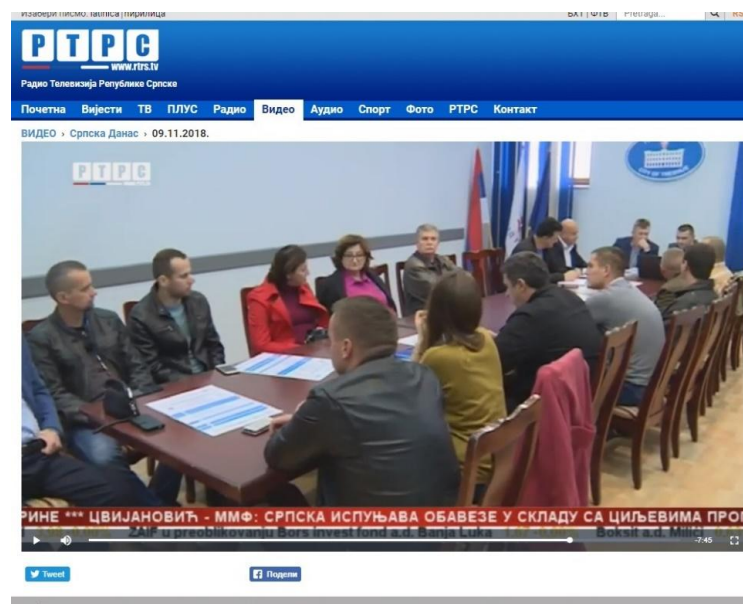
Audio record can be found at

<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](http://arh1.rtrs.tv/arhiva/2018/11/09/09_11_2018_srpska_danas_kxkbq_live.mp4)