WBC STUDENTS AT SMS – progress survey

UNIVERSITY OF TUZLA, FACULTY OF MINING, GEOLOGY AND CIVIL ENGINEERING / DISASTER RISK MANAGEMENT AND FIRE SAFETY ENGINEERING						
No	**STUDENT** **(names and e-mail addresses)**	**COURSES AT HOST INSTITUTIONS** **(TITLES AND ECTS)**	**COURSES AT HOME INSTITUTIONS** **(TITLES AND ECTS)**	**MASTER THESIS RESEARCH TOPIC**	**HOST SUPERVISOR / HOME SUPERVISOR** **(names and e-mail addresses)**	**PROGRESS REPORT – SHORT ABSTRACT AND COMMENTS**
1	Nikola Resimić nikola.resimic@gmail.com	1. Risk analysis in decision making process (5) 2. Community resilience to hazards (5) 3. Risk management in mining and thermoenergetics (7) 4. Fire safety engineering (7)	1. Evacuation calculation and modelling (3) 2. Risk analysis in decision making process (4) 3. Financial resilience to hazards (4) 4. Study Research Work on theoretical basis of the	ROLE OF SOCIAL NETWORKS IN PREPAREDNESS AND RESPONSE TO DISASTERS	Dr. Edisa Nukić edisa.nukic@untz.ba	This Master's thesis research topic is the role of social media in effective communication during an emergency. Emergency situations and disasters are followed by increased communication and need for accurate information and the purpose of this research is to explore citizens' information experiences in social media during times of emergency/disaster. This thesis examine different social media tools in order to find out how can they be utilized to enhance preparedness and response to disaster, reduce casualties and damages. Types of communications will be analyzed; use of social networks by

			master thesis (10)			government, NGO and residents threatened by emergency will be examined in this reserch. Online research will be conducted as well to determine level of trust in social networks in Serbia. Through comparative analyses of social networks efficiency during world gratest disasters the aim is to propose framework to improve government agencies use of social networks for crisis management. This research will have major parts: 1. Introduction 2. Literature review - The concept of social networks - Emergence and development of social networks - Major world disasters - Best practice in social networks use during emergencies - Social media negative impact during crisis 3. Research methodology -Comparative analyses -Online research

						4. Findings/reserch results - Warnings and crisis communication - Actual and potential use of social networks in emergencies/disasters 5. Conclusion - Further research and recommendations Literature overview is completed and first chapters are written (Introduction and Literature overview). Next task is online survey and comparative analysis.
2	Nikola Šarac nnikola.sarac@gmail.com	1. Risk analysis in decision making process (5) 2. Community resilience to hazards (5) 3. Risk management in mining and thermoenergetics (7) 4. Fire safety engineering (7)	1. Evacuation calculation and modelling (3) 2. Risk analysis in decision making process (4) 3. Financial resilience to hazards (4) 4. Study Research	TRAFFIC TUNNELS EVACUATION MODELING	Dr. Rijad Šišić rijad.sisic@untz.ba	The topic of the research is the harmonization of safety measures in the event of a fire with the time of evacuation and the reaction time of the responsible firefigthers brigades in newly constructed traffic tunnels on Corridor Vc. Also, it is possible to compare the safety measures with existing tunnels in the same region, built in '60 and '70. The research work is in the phase of consulting existing literature and collecting the necessary project documentation related to tunnels that are the subject of research.

			Work on theoretical basis of the master thesis (10)			
3	Nikola Ostojić ostojic941@hotmail.com	1. Risk analysis in decision making process (5) 2. Community resilience to hazards (5) 3. Risk management in mining and thermoenergetics (7) 4. Fire safety engineering (7)	1. Evacuation calculation and modelling (3) 2. Risk analysis in decision making process (4) 3. Financial resilience to hazards (4) 4. Study Research Work on theoretical basis of the master thesis (10)	FIRE SAFETY IN AGRICULTURAL SILOS	Dr. Jelena Marković jelena.markovic@untz.ba	Research topic is the phenomenon of endogenous fires in silos that store grains or oilseeds. Master thesis will consist of theoretical and experimental work. In first theoretical part of the thesis, the characteristics of grains and / or oilseeds, silo types, case studies with the most common causes of endogenous fires, and methods of detection and extinction of these fires will be elaborated. In the experimental part of the work, for the selected research site candidate will examine the physico-chemical characteristics of stored grains or oilseeds and determine self-ignition temperatures of dust and dust clouds. The results of the researches carried out will have practical application for control and proper implementation of

						the fire protection system in grain storage and oilseeds storage technology. So far, the candidate has studied literature and analyzed available case studies.