

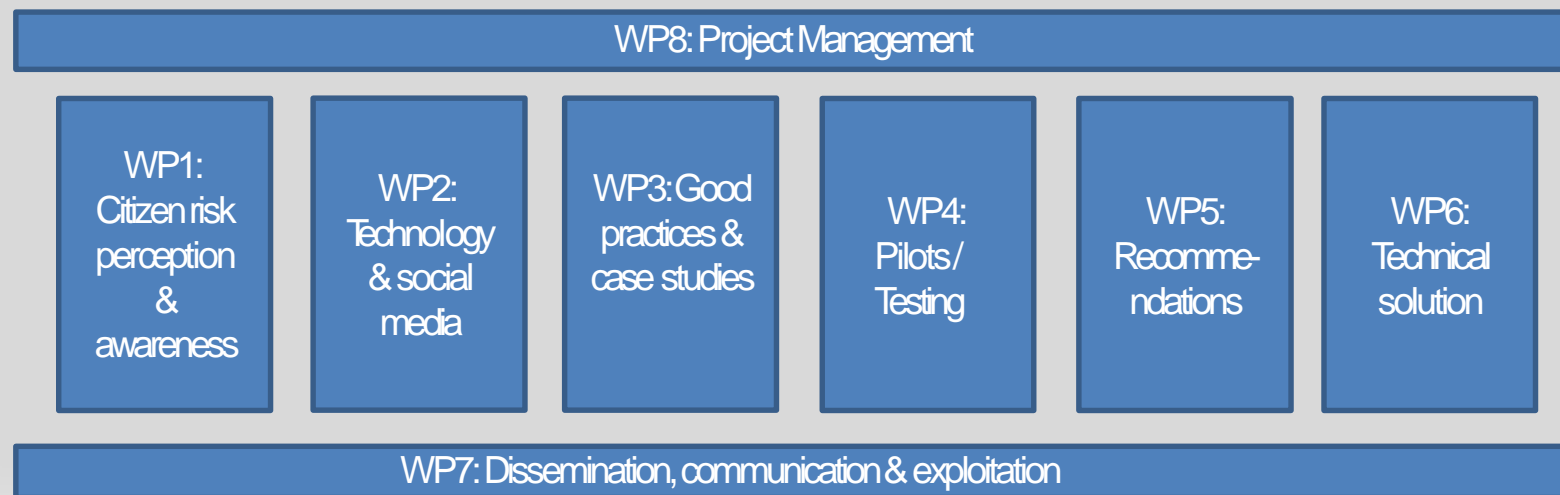
SU-DRS-01-2018

PREPARE- Practices for increasing disaster REsilience, Preparedness And Risk AwarEness

- SuAnson
- susan.anson@trilateralresearch.com
- Trilateral Research, Est. UK & Ireland
- Role: Proposal coordinator and WP leader
- Proposal activity: SU-DRS01-2018

PREPARE concept

- PREPARE will examine citizens risk perceptions and awareness and the role of new technology and social media in improving understanding of risk. It will work with relevant actors and authorities to identify, test, and share good practices and recommendations for preparing citizens for different types of risk. PREPARE will develop a technical solution for sharing these good practices and recommendations.



Project participants

- Proposed coordinator: TBC
- Partners/ Other participants:



TACTIC
TOOLS, METHODS AND TRAINING FOR COMMUNITIES
AND SOCIETY TO BETTER PREPARE FOR A CRISIS

- Looking for the following partners:
 - Local/City authorities, Civil Society Organisations & First responders working on strategies to increase disaster resilience
 - International partners from countries with high levels of risk
 - Partners with experience of leading and evaluating pilots involving citizen participation
 - Researchers/academics with expertise in risk perception & resilience
 - Technical partner to develop online platform

SU-DRS01-2018



**Maynooth
University**

National University
of Ireland Maynooth

- *Dr. Michael Cooke*
- michaelcooke@gmail.com
- **National University of Ireland Maynooth (NUIM)**
 - Department of Psychology
 - Maynooth University Social Science Institute (MUSSI)
<https://www.maynoothuniversity.ie/social-sciences-institute>
- Role: *Proposal Coordinator*
- Proposal activity: SU-DRS01-2018: Human factors, and social, societal, and organisational aspects for disaster-resilient societies

Proposal idea/content

- Research questions
 - What are the factors that underlie the perception of risk among populations?
 - What is the relationship between risk perception and action?
 - How is disaster risk perception to be measured?
 - How should authorities use data and results to:
 - Engage communities in resilience activities;
 - Manage resources optimally;
 - Communicate more efficiently
 - Plan more effectively
- Actions
 - Multidisciplinary research
 - Operational processes and systems;
 - technologies for communication and data management;
 - social and psychological science for understanding risk and behaviour
 - Design
 - Participatory design of tools and interventions for engagement
 - Field testing and validation of tools and methods
 - Innovative methods for citizen engagement in resilience and emergency planning;
 - Communications and media
 - Games and scenario

Project participants

- Proposed coordinator: *NUI Maynooth*
- Partners / Other participants:
 - *Social scientists, legal, social psychology*
- Looking for partners with the following expertise/ technology/ application field:
 - *First responders and civil protection*
 - *Policy experts*
 - *Serious games/interactive gaming*
 - *App development*

Disaster-Resilient Societies



- **Mgr. Lenka Siváková**
- lenka.sivakova@fbi.uniza.sk
- University of Zilina, Faculty of Security Engineering, Slovakia
- Project coordinator

- Topic: SU-DRS01-2018-2019-2020: Human factors, and social, societal, and organisational aspects for disaster-resilient societies

Proposal idea

- Research on risk awareness.
- To help prevent the creation of new risks, to reduce existing risks, to prepare for and to respond to disasters and to build back better.
- To propose strategies, processes, and methods to enable citizens better to access research results related to disaster resilience, and to prepare the ground for exercises involving citizens



Project participants

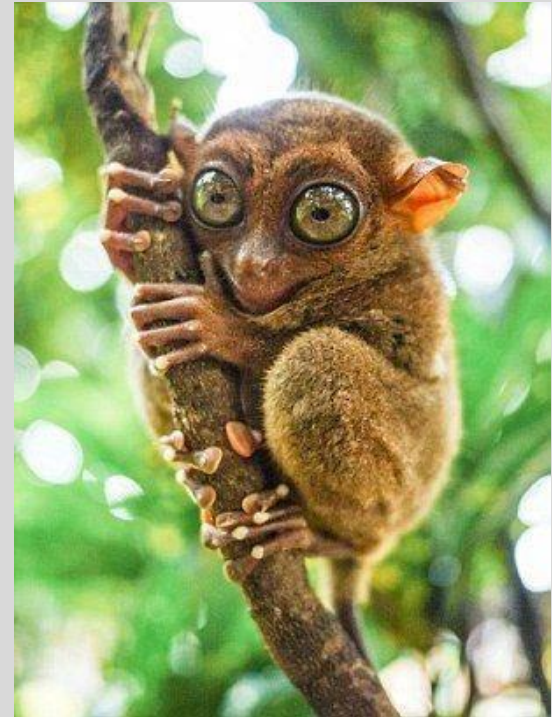
- **Coordinator:** University of Zilina
- **Partners:**
 - University of Wolverhampton, England
 - National Research Council of Italy Research, Politecnico Milan, Italy
- **We are looking for partners:**
 - experienced in legal side of risk management,
 - With practical experience in respond to disaster,
 - 3 first responders,
 - experienced in civil protection,
 - civil society organisations,
 - (national, regional, local, and city) authorities for participations

TARSIER- Towards A Resilient Society: ImprovE Risk awareness across EU

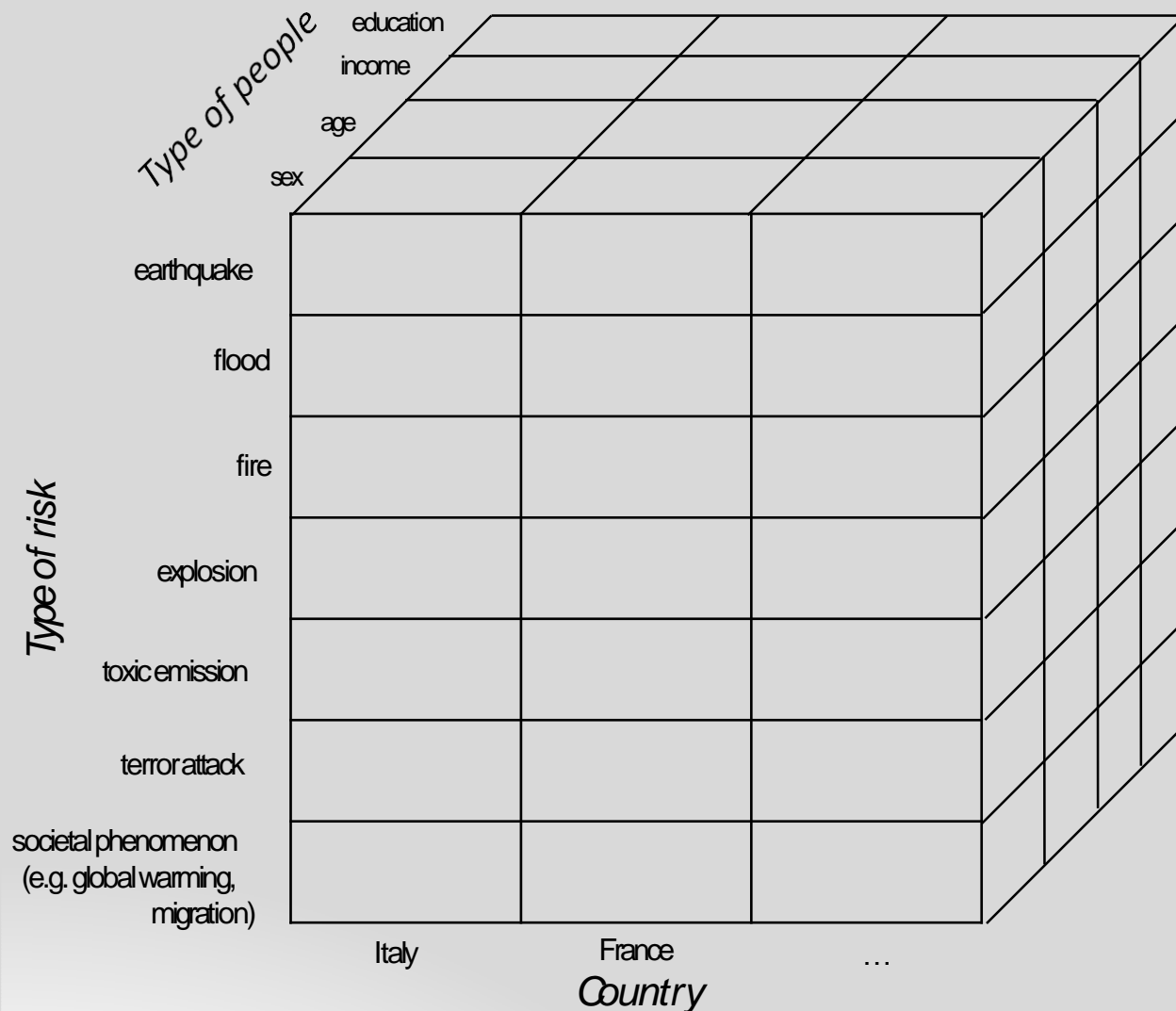
- Alessandro ZANASI
- alessandro.zanasi@zanasi-alessandro.eu
- Zanasi & Partners

Winner of:

- *More than 20 EC-funded security projects*
- *First EDAPADR(STF-01-2017)*
- *Role: Proposal coordinator*
- *Proposal activity: SU-DRS01-2018-2019-2020: Human factors, and social, societal, and organisational aspects for disaster-resilient societies*



Risk perception n-cube → adaptation strategy



**TOOLS AND
GUIDELINES**



- Development of a platform for information exchange between public safety organisations, LEAs, local authorities, citizens
- Pilot sessions
- Report to the EU Parliament

Project participants

- Proposed coordinator: Zanasi & Partners (?) (Italy) (participated to CPSI, iSAR+, SOTERIA)
- Partners / Other participants:
 - Psychology of emergency
 - Zanasi & Partners (Italy) → experience with L'Aquila earthquake, Kosovo war refugees, etc.
 - IT development
 - Engineering (Italy)
 - First responders*
 - AAHD (Turkey)
 - Italian LEA
 - Social sciences
 - SciencesPo (France)
 - Civil society organisations
 - EFUS (France)
- Looking for partners with the following expertise/ technology/ application fields:
 - Project coordination?
 - Third first responder organisation or agency
 - Sociologists
 - Civil society organisations

** This topic requires the active involvement of at least 3 first responders' organisations or agencies from at least 3 different EU or Associated countries.*



Assessment and Validation of Citizens Tools for Disaster Resilient Societies

- *Dimitris Kyriazanos*
- dkyri@iit.demokritos.gr
- *NCSRDEMOKRITOS*
- *Role: WPl leader and S/T provider (could also lead)*
- *Proposal activity: SU-DRS01-2018-2019-2020: Human factors, and social, societal, and organisational aspects for disaster-resilient societies*

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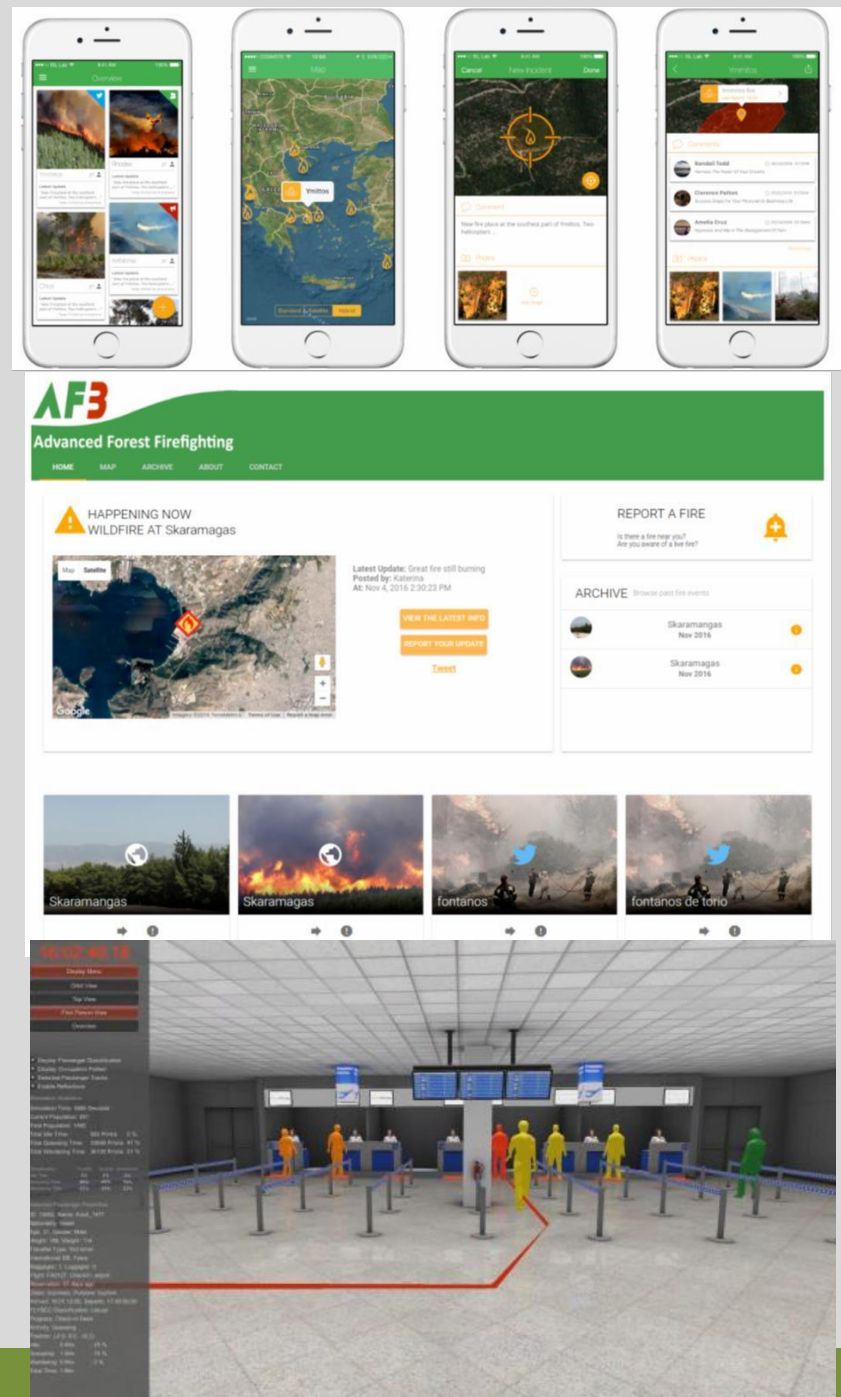
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Proposal Ideas

- *Assessment and Field/Simulation Validation of multiple Citizen tools for enhancing prevention, preparedness, and response during crisis*
- *Public Information Channels and Social Media*
- *Citizen Mobile Apps*
- *Reliability & Bias Detection Intelligent Algorithms*
- *Security & Privacy Perception*
- *Ethics*



Project participants

- Partner NCSR DEMOKRITOS expertise and assets:
 - Experienced Coordinator/Partner, Assets and Expertise in the area of Disaster Resilient Societies: H2020 FLYSEC(DRS-16-2014), FP7 AF3 (SEC-2013.4.1-6)
 - Citizen tools, apps and intelligent analytics
 - Crowd Behaviour Simulation platform
 - Citizens Security Perception studies FP7 PACT (SEC-2011.6.5-2)
- Other participants:
 - Civil Protection stakeholders and group of End Users
- Looking for
 - Coordinator
 - Core Group of Anthropological Experts & Social Scientists

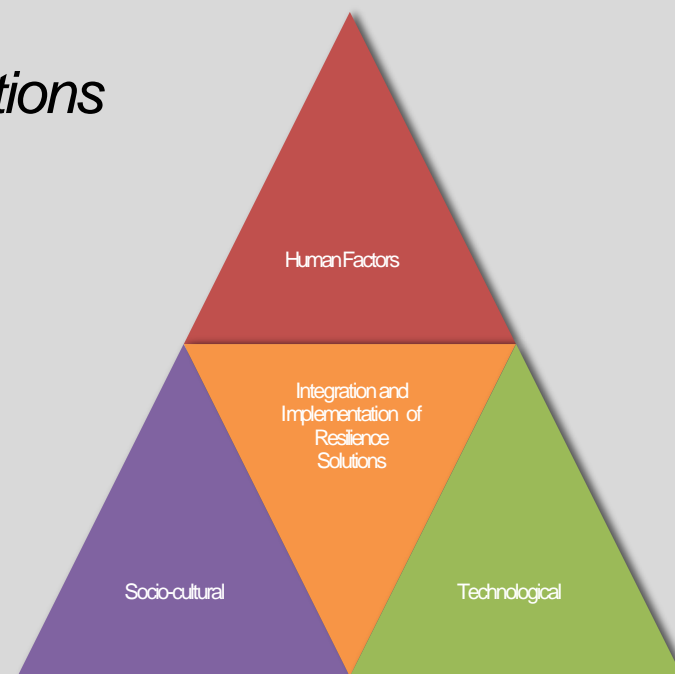


Psycho-Socio-Technical Disaster Resilience

- *Derek Ross*
- rossde@tcd.ie
- *University of Dublin, Centre for Innovative Human Systems*
- *Role: WP leader*
- *Proposal activity: SU-DRS01-2018*

Proposal idea/content

- *Systemic Human Factors analysis of operational and organisational dimensions*
- *Socio-cultural analysis of cases and implementation factors*
- *Integration of developed solutions with operational needs—
Concept of Operations (CONOPS)*
- *Implementation of Resilience solutions*



Project participants

- Proposed coordinator: *To be agreed*
- Partners / Other participants: *Irish end-users, Turkish end-user, Cypriot consultancy*
- University of Dublin, CIHS, is looking for partners with the following expertise/ technology/ application field:
 - *End-users including first responder and citizen groups*
 - *Policy and legislation*
 - *Social sciences (sociology, demography, anthropology, etc.)*
 - *Technology*

SU-DRS01-2018-2019-2020: Human factors, and social, societal, and organisational aspects for disaster-resilient societies

- *MS Laura Tarkkanen*
- laura.tarkkanen@laurea.fi
- *Laurea University of Applied Sciences, Finland*
- *Role: WP/ Taskleader*
- *Proposal activity: SU-DRS01-2018*

Proposal idea/content

- *Enhance preparedness of European society for disasters, esp. natural causes and terrorist attacks*
- *Provide more resilient society via more targeted information sharing manners – notice citizens and modern technology*
- *Learning and utilizing best practices world wide so as to propose new approaches and strategies*
- *Scope: provide solutions for end-users' needs in wide societal perspective (e.g. communities) and noticing future goals also in political level (Sendai Framework)*
- *Strong societal impact, ethical aspects profoundly addressed*

Laurea provides to a consortium

- *Evaluation of civil protection activities (CPEX, Barents Rescue 2015, SARC)*
- *User-requirement analysis, service design approach*
- *Dissemination (IECEU, GAP)*
- *Ethics (RANGER, MARISA)*

Project participants

Proposed coordinator:

- *TBC*

Partners/ Other participants - Expertise already available:

- *Research Institute/ DE*
- *Security organization/ FI*

Looking for partners with the following expertise:

- *Technology*
- *Research*
- *Media*
- *Governmental actors, communities*
- *First responders, Civil protection actors*
- *NGOs, organizations*
- *SMEs*