



Training and Knowledge Sharing Platform for First Responders and Educational Tools for students' and citizens' awareness and preparedness against Natural and Manmade Disasters and Risks

NEWSLETTER #B2 | August 2022

This newsletter keeps you updated on the latest activities of the **RESISTANT** project and informs you on news and activities related to **RESISTANT** operations. On behalf of the consortium, we hope you enjoy reading this issue.

THE RESISTANT expected and potential applications of implemented results

In the past period, all partner institutions in the RESISTANT worked on the implementation of the following results.

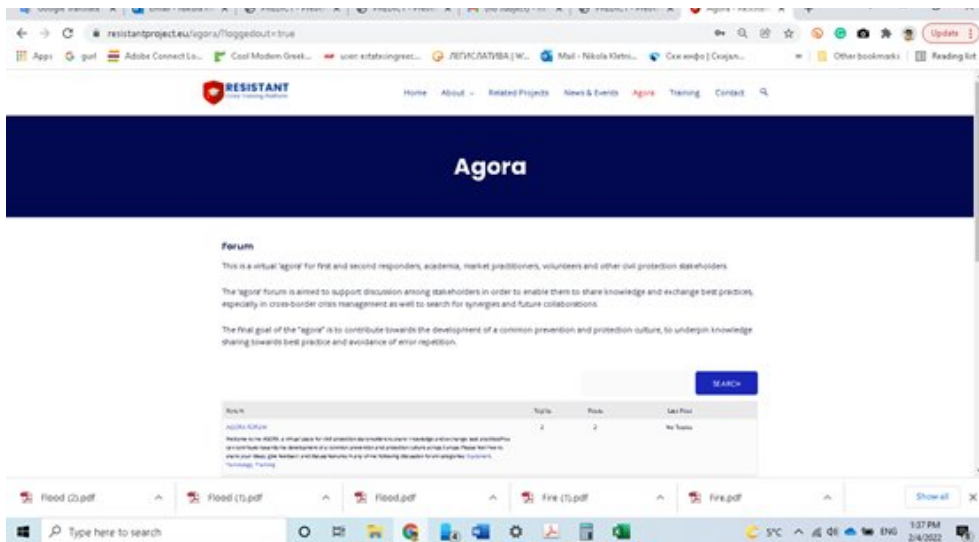
Work package 2: Observatory of existing initiatives and training infrastructure

Setup of the educational and training infrastructure

IHU and KTGR setup the educational and training infrastructure mobilising the existing emergency management infrastructure of IHU enriched with KTGR's CONCORDE emergency management platform.

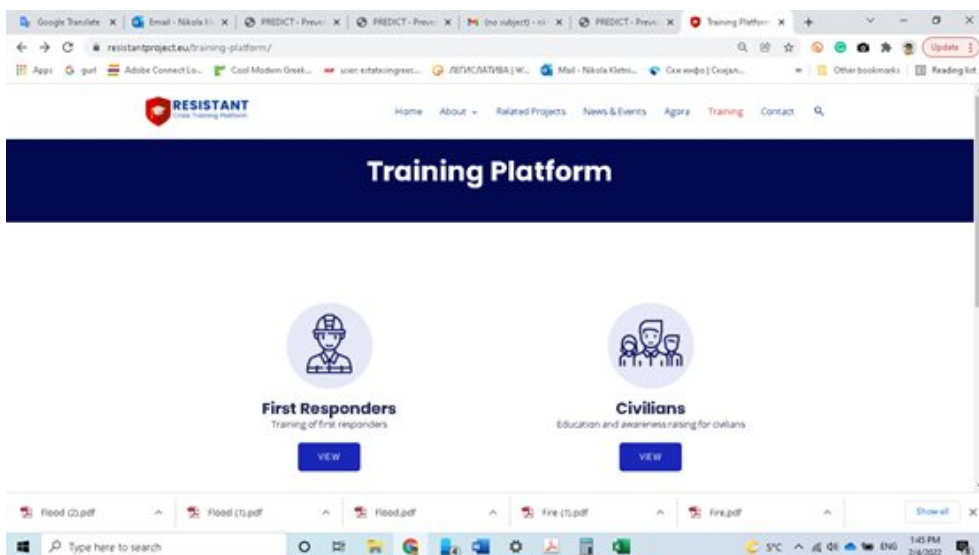
AGORA Virtual platform

RESISTANT also put in place a virtual 'AGORA' for first and second responders, academia, market practitioners, volunteers, and other civil protection stakeholders to share knowledge and exchange best practices, especially in cross-border crisis management. The 'AGORA' facilitates discussion and contributes towards the development of a common prevention and protection culture.



Training Platform

RESISTANT also put in place a [Training platform](#) for first responders and civilians where you can find Open Materials for first [responders](#) and [civilians](#).



Work package 3: RESISTANT Validation and Demonstration

Use Case 1: expected and potential applications of implemented results
Educational and training seminars for students and citizens of endangered areas.

Pilot case study 1: Training of adults

Educational and Training Seminars for students and Citizens of endangered areas (Pilot case study 3: Training of adults,) in the framework of RESISTANT project activities on 28th of May 2022 for the duration of four-hour in Bitola, North Macedonia, was organized 3rd training seminar with 20 participants.

The target audience was: residents, tourists, and visitors of the areas along the borderline between Greece and North Macedonia from Bitola including citizens with special needs-disabilities, limited or no vision, and even those with no reading capabilities.

During the seminars, participants were informed about practices and methods of protecting their lives and property from forest fires, urban fires, floods, earthquakes, tsunamis, and technological incidents. Part of the seminars was devoted to techniques of escaping and setting free other people, along with providing first aid. Seminars were held with the help of augmented reality techniques which facilitated strongly the purpose of citizens learning. During the seminars, sign language was provided with the support of an interpreter.

At the end of this course, participants were able to:

- Understand practices and methods of protecting their lives and property from disasters
- To use techniques of escaping and setting free other people and
- To provide first aid.



Use Case 3: Full-Scale Exercise - Flood case caused by torrent

Main planning conference for preparation of Full-Scale Exercise (FSE)

As a part of the RESISTANT project and in the context of the WP3 objectives and Use case 3 activities, on the premises of MAGMA was organized the Main planning conference for the preparation of Full-Scale Exercise (FSE).

The aim of the Main planning conference was the development of the operational plan of the exercise based on the previously adopted scenario, with determined positions and tasks for all the involved participants.

The scenario of the exercise was the protection and rescue of citizens against torrential floods, with the involvement of the rescue teams of the Protection and Rescue Directorate, Flood Rescue Teams using boats from the Municipality of Karposh and Red Cross of North Macedonia, Medical teams of the Private hospital Adzibadem Sistina and Fire Brigade of the city of Skopje.



The exercise took place on the bank of the river Vardar, near the Private hospital Adzibadem Sistina, with participation of more than 50 rescuers with equipment and vehicles.



The flood was caused by heavy rain when the Lepenec River overflowed with strong water that flows into Vardar River, flooding the river bank in the territory of Karposh municipality, about 150 meters in front of the Acibadem Sistina Private Hospital.



In order to respond faster to the disaster, besides its own resources, the Municipality of Karpos requested assistance from the Fire Brigade of City of Skopje, and additionally from the Directorate for Protection and Rescue, AcibademSistina Private hospital, and Red Cross.

- The Municipality of Karpos, the Red Cross, and the Fire Brigade of the City of Skopje are deployed. Additionally, the Directorate for Protection and Rescue activated and deployed the Fast response team for protection and rescue from floods.
- The Private hospital AcibademSistina activated the Triage Center to receive and treat injured people.
- The firefighters of the Fire Brigade of the City of Skopje established control over the flooded area, taking care that there was no delay at the bridges.
- The Fast response team of the Directorate for Protection and Rescue is rescuing injured persons, and performing the search operation for missing people.
- The Red Cross team provides first aid to the injured people and assists in their transportation to the Triage Center in AcibademSistina Private Hospital.



Work package 4: Dissemination and Communication

Partners in the RESISTANT project to maximize the impact of the project, ensuring proper dissemination and communication of the project results to raise awareness to the scientific and industrial stakeholders and, subsequently, generate demand and further adoption of the RESISTANT results prepared and published 4 Newsletters, created RESISTANT [website](#) and Online dissemination and communication infrastructure.

Dissemination of the results of the project RESISTANT has been performed in elementary and secondary schools, including 2 schools for disabled pupils. In the elementary schools, training was conducted through program adapted to their age, using augmented reality techniques.

Within the regular program of MAGMA, designed to attract and motivate new students,

MAGMA presented the results of RESISTANT project in almost all the secondary schools in North Macedonia.

The Second categories of citizens covered by the dissemination of the results of RESISTANT project were adults from the Southern part of the country.



The Third categories of citizens covered by the dissemination of the results of RESISTANT project were professionals. MAGMA, in cooperation with the Protection and Rescue Directorate presented the results of the project in the Municipal Protection and Rescue departments in the country. We consider this as essential for improving resilience and preparedness through enhanced emergency planning, appropriate accident management and recovery.

The purpose of the dissemination of the results of the project RESISTANT is to facilitate the citizens, students, and other the awareness and preparedness, assisting them in creation permanent knowledge and protection culture for protecting themselves and their families from natural disasters and technological hazards.

Events

RESISTANT Consortium has found some events you may find interesting!

Connect 2022 – Physical Event

International Conference on Urban Disaster Mitigation and Management ICUDMM

May 03-04, 2022 in Rome, Italy

[More info](#)

Information Systems for Crisis Response and Management (ISCRAM)

22 February, 16:00 CET - Webinar

[More info](#)

Contact Us

RESISTANT Consortium welcomes comments and contributions by email at: info@resistantproject.eu or online at: <http://www.resistantproject.eu/contact/>

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