



NEWSLETTER #3 - MAY 2023

WELCOME TO THE 3rd RISKPACC NEWSLETTER!

ABOUT RISKPACC

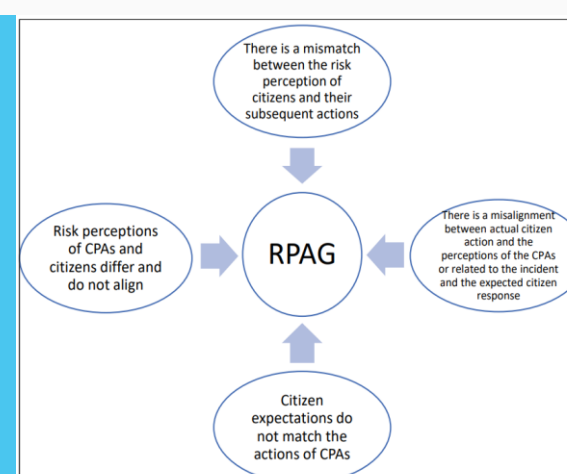
Increasingly complex and interconnected risks globally highlight the need to enhance individual and collective disaster resilience. Awareness of risks and levels of preparedness across Europe remain low with gaps between the risk perceptions and actions of citizens, and between the risk perceptions of citizens and Civil Protection Authorities (CPAs). The RiskPACC project seeks to further understand and close this Risk Perception Action Gap (RPAG). Through its dedicated co-creation approach and its seven case studies, RiskPACC will facilitate interaction between citizens and CPAs to jointly identify their needs and develop potential procedural and technical solutions to build enhanced disaster resilience. Importantly, RiskPACC will provide an understanding of disaster resilience from the perspective of citizens and CPAs, identifying resilience building initiatives and good practices led by both citizens (bottom-up) and CPAs (top-down). The “Risk Pack” of solutions will include a framework and methodology to understand and close the RPAG, a repository of international best practice and toolled solutions based on new forms of digital and community-centered data and associated training guidance.

“Understanding good practices and challenges in Civil Protection policy and practice”: Work Package 1 Leader interview

RiskPACC Work Package 1 completed its journey in April 2022. Led by the project partner *Trilateral Research*, its work and research, among others, were focused on review the current state-of-the-art (SOTA) of disaster resilience and risk perception concepts and methodologies in research, practice and policy, establish an appropriate working definition of disaster resilience and risk perception, analyse the identified approaches and good practices through surveys and local dialogue focus groups with Civil Protection Authorities, and clearly define gaps between current practice and SOTA and develop a roadmap of key actions to advance SOTA and provide recommendations for the RiskPACC framework.

[Read here the full interview](#)

“Engaging Citizens to expand understandings of risks, vulnerabilities and data collection opportunities”: Work Package 2 Leaders interview



RiskPACC Work Package 2, led by [Prof. Jon Coaffee](#) and [Dr. Vangelis Pitidis](#) from [University of Warwick](#), has been concluded on May 2022, and its leaders have been recently interviewed in order to share their experience and work results.

[Read here the full interview](#)

Co-Creation lab & Stakeholder-Integration: Work Package 3 Leaders interview



Work Package 3 supports the development of the Risk Pack through a co-creational approach. The heart of the work package is to provide a co-creation-lab, where researchers, developers, and end-users, as well as civil society organizations and citizens, can design and prototype novel solutions. WP3 provides the space and methods for co-creating while the other WPs provide in-depth knowledge and development actions taken in the respective field. [Universität Stuttgart](#) IAT, the Institute of Human Factors and Technology Management, is the WP3 Leader. [Jeannette Anniés](#) and [Fatmanur Karaca](#) answered few questions about their work and research that are conducting in the Work Package.

[Read here the full interview](#)

Co-Creation lab phase II: RiskPACC Workshops

RiskPACC has entered the project stage of Lab Phase II. Each Case Study has now conducted at least two co-creation workshops, adding to the eight workshops done in Lab Phase I. The workshops went very well, as all participants were very enthusiastic and actively participating in the discussions. They included sessions on participatory mapping, risk communication, and storyboard user stories, as well as tests and co-development of technological tools. These technological tools were presented and tested two times in this phase so that they could be improved between the two workshops based on the ideas and suggestions from the participants.

OLOMUC REGION AND MORAVIAN-SILESIA REGION

Comparison of CBRN risk related knowledge and capacities



Case Study partner CAFO organised two Workshops in the frame of Co-Creation Lab Phase 2. On 9th February the workshop “*Risk perception in the territory*” focused on risk analysis, risk prevention, protection of the population, mapping with the application “Aeolian”, while the second “*Risk Communication in the territory*” focused on floods, crisis terms, communications, informing citizens in the affected area.

MUNICIPALITY OF PADOVA

New civil protection instruments for facing climate risks



On 09.02 the second workshop of the pilot case of the Municipality of Padova was held in Padova, and it was the occasion to discuss about the strengthening of civil protection systems, the concept of risk perception and the collaboration among actors involved in emergency and preventive management of extreme events.

[Read more](#)

On 7th March, the third workshop of the pilot case of the Municipality of Padova was held in Padova, and it was the occasion to deepen the discussion already started in the previous meeting about the strengthening of civil protection systems, the concept of risk perception and the collaboration among actors involved in emergency and preventive management of extreme events.

The participants, around 20 people, were half civil protection "experts" and half citizens. The workshop started with an interactive session about the communication flows among different stakeholders in case of climate hazard. The discussion was opened with a description of a hypothetical scenario that could occur in Padova in the summer of 2023, in which all four climate hazards addressed in RiskPACC workshops (flooding, heat waves, mosquito-borne tropical diseases, and drought) occur.

The second part of the workshop consisted in a plenary presentation about the tools developed in the RiskPACC project, in particular, by the project partners STAM, PublicSonar and University of Twente.

Compared to the previous workshop, this time the tools were more developed, and the test was more practical. The next step will be the final development of the tools and their deployment in the pilot cities.

BRUSSELS, BELGIUM

Assessing the impact of information campaigns in school



On 8th February, IBZ workshop was held in Antwerp (Belgium) to discuss multi-hazard risks with the participation of teachers and civil protection authorities. The workshop opened with an introduction of the RiskPACC project. The second part focused on the identification of risks and emergencies in the environment of the city of Antwerp. In this interactive session, possible risks were identified using a map of Antwerp. A discussion on actions to take to tackle such risks and expectations took place, also exploring differences in the way teachers and civil protection authorities approach risks. The main achievement of this part was the understanding of the different rationale with which the two groups approach risks and which actions they expect from each other. The last session was dedicated to the communication of risks to children aged 6-12, leading to a better understanding of the type of risks that children are concerned with. Teachers were able to provide insights to civil protection authorities on risk communications to children.

EILAT, ISRAEL

Understanding personal preparedness to emergencies



Case study partner Municipality of Eilat and at Magen David Adom organised two workshops on 31st January and 28th March 2023.

The workshops, focused on understanding personal preparedness to emergencies, gave the opportunity to the audience to test the RiskPACC solutions.

GLOBAL

Managing and tracking a pandemic: the global use and acceptance of tracking technologies

Case study Partner I.S.A.R. organised two workshops on 31st of January and 24th of March. The first one, "Risk Management in the Pandemic - Trust-building Measures to improve Interaction between CPAs and Society" was the first opportunity for fruitful discussions between participants from different authorities, press and public relations, civil protection organizations/NGOs, citizens. During the workshop the online platform "PublicSonar", developed by the project partner CrowdSense, has been presented and tested, and several points were identified as key factors for successful risk communication and risk management that could be included in a future guideline.



On 24th March, the workshop, organised by [I.S.A.R. Germany](#), took place at the Fraunhofer-Forum in Berlin. The workshop was titled “Successful Risk Communication as a Prerequisite for a Resilient Society” and co-facilitated with [Fraunhofer INT](#), [University of Stuttgart IAT](#), [PublicSonar](#) and [Trilateral Research](#). In the first half of the workshop, group discussions were held on [#riskcommunication](#).

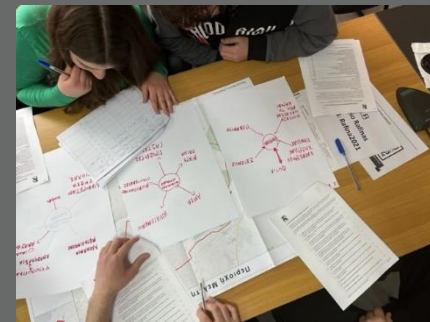
ATTICA, GREECE

Risk Awareness and Response

On 3rd February, the second workshop of the case study of the Municipality of Rafina- Pikermi took place in the city hall of Rafina. The workshop was very successful, with over 30 participants from the Fire Brigade of the region, the Civil Protection of the Region and the Municipality, volunteer groups, local schools, as well as citizens of various ages.

[Read more](#)

On 4th April, 33 participants, including including members from the Fire Brigade, the Civil Protection of Region Attica and from the Municipality Rafina-Pikermi, the Ministry of Infrastructure, local organizations, from the Voluntary Organization for Civil Protection of the Municipality of Rafina – Pikermi, local schools, as well as citizens of various ages, attended the second workshop organised by RiskPACC project partner Municipality Rafina-Pikermi.



The event, entitled “Presentation and testing of the new version of the two technological tools- Aeolian AR App and MappingDamage” focused on discussions on risk perception and identification of hazards that may affect the study area and, on the presentation and use of the two new tools designed within the project.

[Read more](#)

EVENTS ATTENDED

DISASTER RESILIENCE SOCIETIES CLUSTER CONFERENCE

8th November 2022, Brussels



RiskPACC participated in the “Community of European Research and Innovation for Security” (CERIS) of DG HOME DRS Cluster Conference in Brussels. In the session entitled “Societal Resilience”, RiskPACC Coordinator Dr. Maike Vollmer presented “Facilitating collaboration between citizens and CPAs to increase resilience”.



Video of the Conference

CERIS SSRI Event "Innovation Uptake of EU-funded Security Research outcomes"

1st December 2022, Brussels

RiskPACC attended a very interesting #CERIS event on the 1st December in Brussels. The main of the workshop was the Innovation Uptake of EU-funded projects and security research outcomes, with a particular focus on disaster resilient societies.

SUPPORTING EMERGENCY PREPAREDNESS IN EUROPE: RESERVIST OPEN CONVERSATIONS

13th April 2023, Online

On 13th April, RiskPACC Partner I.S.A.R. Germany participated in an online webinar titled "Supporting Emergency Preparedness in Europe" organised by the EU funded project RESERVIST, in collaboration with the PREPARE cluster, the European Commission's Directorate-General for European Civil Protection and Humanitarian Aid Operations (DG ECHO), the Health Emergency Preparedness and Response Authority (HERA).

The event presented the RESERVIST results and focused on new tools and models, by bringing together stakeholders from different sectors and experiences, in order to foster cooperation in support of emergency preparedness in Europe.

I.S.A.R. Germany gave a presentation about the Global Pandemic Case study within the RiskPACC Project, focusing on the way of #communication, the major recipients of the #information and the several #channels that are commonly used.



FUTURE SECURITY 2023

7th and 8th February 2023, Berlin



RiskPACC was presented by the coordinator Maïke Vollmer in a session on resilience at the "Future Security 2023" in Berlin, to stakeholders working on Defense and Security. The Future Security is a conference series, organized by the Fraunhofer Segment for Defense and Security.

EUROPEAN GEOSCIENCES UNION GENERAL ASSEMBLY

28th April 2023, Vienna



On Friday 28th April, RiskPACC and CORE co-chaired the session EOS1.4 “Science communication and citizen science to increase risk perception and awareness” at the European Geosciences Union (EGU) General Assembly in Vienna.

The aim of the session was to create a space for discussion on both best practices and theoretical approaches when practicing science communication or citizen science.

In fact, how well-informed and ready societies, including the general public, authorities, and the media, are about the risk itself determines how successful risk mitigation is. These societies include both the scientific community and the general public. Thus, it is essential to educate the populace (both locally and nationally) so that they can better prepare for disasters and, as a result, increase society's resilience.

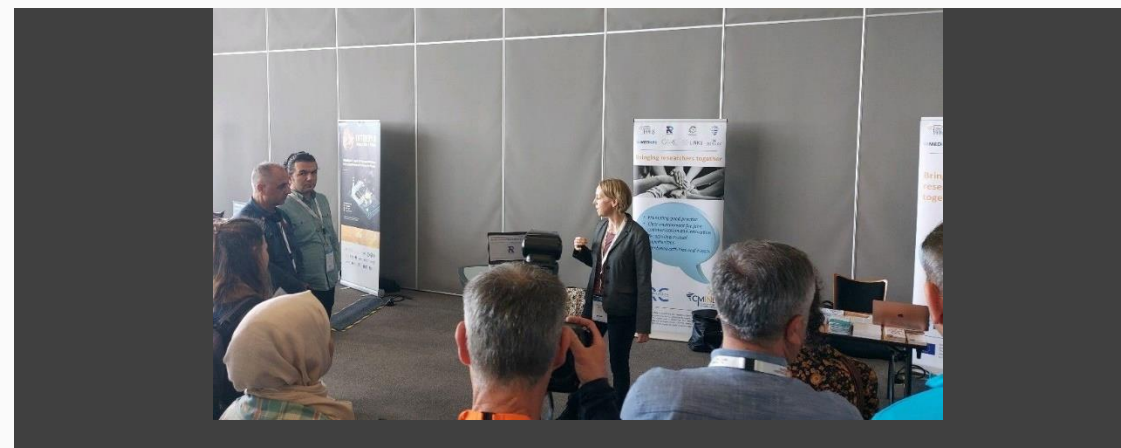
In a time when many uncertainties are present, science communication and citizen science are becoming more and more important for this reason.

The poster "Enhancement of local community resilience to natural & man-made disasters through the application of co-created novel technological tools" focused on the RiskPACC solutions has been presented by Chrysoula Papatathanasiou from the project partner ISenseGroup/ICCS at the EGU General Assembly. The poster has been prepared in cooperation with partners University of Stuttgart (UTUTT) and Municipality of Rafina-Pikermi (MRP).

[For more info](#)

European Forum on Risk Governance and Societal Resilience: An event organised within the CERIS framework

16th and 17h May, Toulouse



RiskPACC has been invited to attend the European Forum on Risk Governance and Societal Resilience on 16th and 17th of May in Toulouse. Recent crises have highlighted the need to strengthen interactions among the scientific community, practitioners, city's risk managers of major crises and citizens or local communities in the event of (natural or man-made) disasters. Several projects funded by the Horizon Europe Civil Security for Society programme, in order to increase risk awareness and preparedness of citizens to any kind of disasters, are developing tools and solutions in support to enhanced societal resilience. In this respect, under the European Forum on Governance of Major Risk & Societal Resilience, organised in the framework of COMMUNITY OF EUROPEAN RESEARCH

AND INNOVATION FOR SECURITY (CERIS) , the Societal Resilience Cluster will disseminate new findings and practical information of direct relevance to municipal authorities and first responders.

COMING SOON

Research and Innovation Symposium for European SECURITY and Defense 2023

29th/ 31st May 2023, Rhodes

Research and Innovation Symposium for European Security and Defense is jointly organized by CERTH (GR), BDI (BG), and Satways Ltd (GR) in cooperation with several European R&D projects of Horizon (2020 & E.U.), EDF, and ISF. The program will have top-level speakers and presentations of results from several innovative projects is foreseen. The audience shall include high-level representatives of the E.U., governmental representatives, researchers, industry, practitioners, and European security stakeholders.

Furthermore, the organizational plan foresees the publication of peer-reviewed papers.

2nd RiskPACC Awareness Workshop

14th June, Berlin



Awareness of risks and respective levels of preparedness are decisive for enhancing individual and collective disaster resilience, especially in the context of increasingly complex and interconnected risks. Across Europe, gaps can be identified in the ways Civil Protection Authorities and citizens perceive risk and identify appropriate actions. These gaps, summarized as the "Risk Perception Action Gap", are specifically addressed within the RiskPACC project.

The workshop serves to present results of an analysis of current practices, and key aspects of the Risk Perception Action Gap, as well as approaches - including new technologies - to narrow down these gaps. The results and approaches shall be discussed with representatives of industry, end-users, citizens, solution providers, academia as well as other EU projects that are currently dealing with related topics of risk perception and behaviour.

Participants will learn about results of RiskPACC, and at the same time enable the project to include participants' experiences in the further course of the project (ending in August 2024).

[Register here](#)

OTHER INFO

RiskPACC, in its first 20 months, has produced a considerable number of publications and deliverables.

[Click here to read the RiskPACC's deliverables](#)

[Click here to check the RiskPACC Community](#)

DRS Societal Resilience Cluster

As of January 2023, RiskPACC is pleased to be joining the DRS Societal Resilience Cluster. The cluster includes several other relevant EC funded projects focused on Disaster Resilient Societies topic such as our already sister projects H2020 LINKS "Strengthening links between technologies and

society for European disaster resilience”, H2020 ENGAGE, H2020 CORE “sScience & human factOr for Resilient society” as well as two novel projects, MEDiate and PARATUS “Increasing Preparedness & Resilience Of Communities By Co-Developing Services Using Dynamic Systemic Risk Assessment”.

[Read more](#)

SISTERS PROJECTS CORNER

PARATUS

“Promoting disaster preparedness and resilience by co-developing stakeholder support tools for managing the systemic risk of compounding disasters”



The PARATUS project published the first public deliverable "**D6.2 Report 1 of Workshops in Application Case Studies**". This document is the first report of the stakeholder workshops that have been organized in the period from January to April 2023 in the four application case studies of PARATUS: **Istanbul** (Turkey), **Sint Maarten** (Caribbean), **Brenner** (Austria) and **Bucharest** (Romania). As co-development is a very important component of the PARATUS project, the stakeholder involvement in the process was crucial, for the hazard identification, brainstorming on impact chains, for historical disaster events, analysis of possible changes expected in the area, and an evaluation of the needs and expectations of the stakeholders. This report provides an overview of the workshops and presents the main findings. The workshops are the first in a series where co-development of the PARATUS platform will depend on.

[To know more about PARATUS visit the website](#)

LINKS



“Strengthening links between technologies and society for European disaster resilience”

The Societal Resilience Cluster of Horizon Projects have launched a series of webinars in 2023 on topics which focus on the strengthening of European disaster and crisis resilience. The first Webinar, entitled “The Role of Social Media in Disaster Resilience: Establishing Bridges between Authorities and Citizens” took place on 8 May.



MEDiate is a 3-year project that aims to develop a decision support system (DSS) for disaster **risk management** by considering multiple interacting **natural hazards** and **cascading impacts**. **MEDiate** is a 3-year project that aims to develop a decision support system (DSS) for disaster **risk management** by considering multiple interacting **natural hazards** and **cascading impacts** using a novel resilient-informed and service-oriented approach that accounts for forecasted modifications in the hazard, vulnerability and exposure. The project will consist of analysis of relevant data and co-development with testbed decision-makers of a DSS to enable more reliable resilience assessments, accounting for risk mitigation and adaptive capabilities, to be made, therefore reducing losses from future climate related and geophysical disasters.

[Click here to read the 1st MEDiate Newsletter](#)



The diagram illustrates the Risk Perception-Action Gap. On the left, a box labeled 'Civil Protection Authority (CPA)' has arrows pointing to 'Risk Assessment and Perception of Citizens' and 'Risk Assessment Perception of CPA'. On the right, a box labeled 'Citizens' has arrows pointing to 'Behavior' and 'Risk Assessment Perception of CPA'. A central gap is labeled 'Risk Perception-Action Gap'. A large red play button icon is overlaid on the diagram.

RiskPACC addresses the so-called Risk Perception-Action Gap, which refers to:
A misalignment between Civil Protection Authorities' response and what citizens expect Civil Protection Authorities should do.

Check the first RiskPACC video here



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 101019707. This webpage reflects only the author's view and the Research Executive Agency (REA) and European Commission cannot be held responsible for any use that may be made of the information it contains.

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