



SEPTEMBER 2024, Newsletter #3

Dear readers,

We are pleased to present you the 3rd release of the PARATUS Newsletter, which focuses on the four **Application Case Studies**. But before diving into it, have a look at the latest updates from the project, including **events** and upcoming **opportunities**! Last but not least, you can also find the latest news from the **Societal Resilience Cluster** projects.

LATEST UPDATES

Events



28-30 August 2024

IDRiM Conference

Funda Atun, from the University of Twente and **Federica Romagnoli**, from EURAC represented the PARATUS project at the [IDRiM \(International Disaster Risk Management\) Conference 2024](#)



24-26 July 2024

Global Flood Partnership Annual Meeting

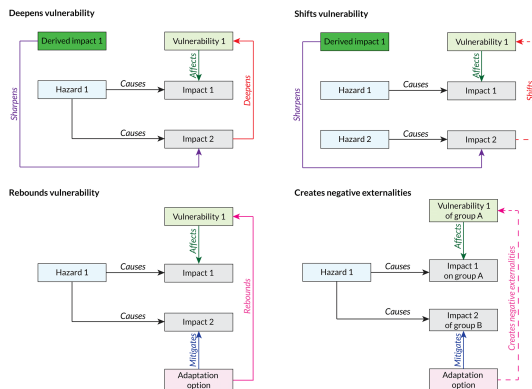
Bastian van den Bout, from the University of Twente was invited as keynote speaker on the developments of [FastFlood](#), and the way in which it leverages smart

taking place from 28th to 30th August in Cartagena, Colombia.

algorithms and global datasets to bring easy-to-use and efficient flood modelling to new regions.

[Read more](#)

Publications



An impact-chain-based exploration of multi-hazard vulnerability dynamics: the multi-hazard of floods and the COVID-19 pandemic in Romania

This study by **Andra-Cosmina Albuлесcu** and **Iuliana Armas** from the University of Bucharest aims to analyse new connections in rising vulnerability that

result from impacts and adaptation options, as well as their implications, putting co-occurrent powerful river flood events and the COVID-19 pandemic in Romania under the magnifying glass, taking 2020 and 2021 as references.

[See all the publications!](#)

OPPORTUNITIES



CALL FOR APPLICATION

Multi-hazard DRR Academy for young researchers and practitioners

23-26 October 2024, Barcelona



Multi-hazard DRR Academy for young researchers and practitioners

The PARATUS project is thrilled to invite you to the “**Multi-hazard DRR Academy for young researchers and practitioners: From Methodological Diversity to Collaborative Research**”, that will be held in Barcelona from 23 to 26 October 2024.

[Read more](#)

Case Studies Activity Alert

Upcoming Workshops



Istanbul

24 September 2024



Alps

5-6 November 2024

Bucharest

26-27 September 2024



Caribbeans

9 December 2024

Are you interested in getting involved or learn more about it?

Reach out to us!

SRC AND RELATED PROJECTS UPDATES



SYNERGIES builds on the results of six previous research projects: ENGAGE, RESILOC, LINKS, IMPACT, BUILDERS, and Ready2Help.

Article



The ENGAGE project shared the testimonies of the citizens they had met over the years through a series of video pills that recount the citizens' experiences and reactions to the seismic events that hit L'Aquila in 2009 and central Italy in 2016. The legacy collected by the ENGAGE project will be shared through SYNERGIES' social media channels in the coming period to highlight the perspectives of the citizens which have been involved in these tragic events.

Stay tuned, two new videos every week!

[Read more](#)

Event Call for Registration



VulneraCity Database



We also looked into vulnerability dynamics.

The MYRIAD-EU's VulneraCity database is now available! It is the **most comprehensive urban vulnerability drivers database**, containing 1460 drivers for six different hazards, gathered from over 400 scientific articles.

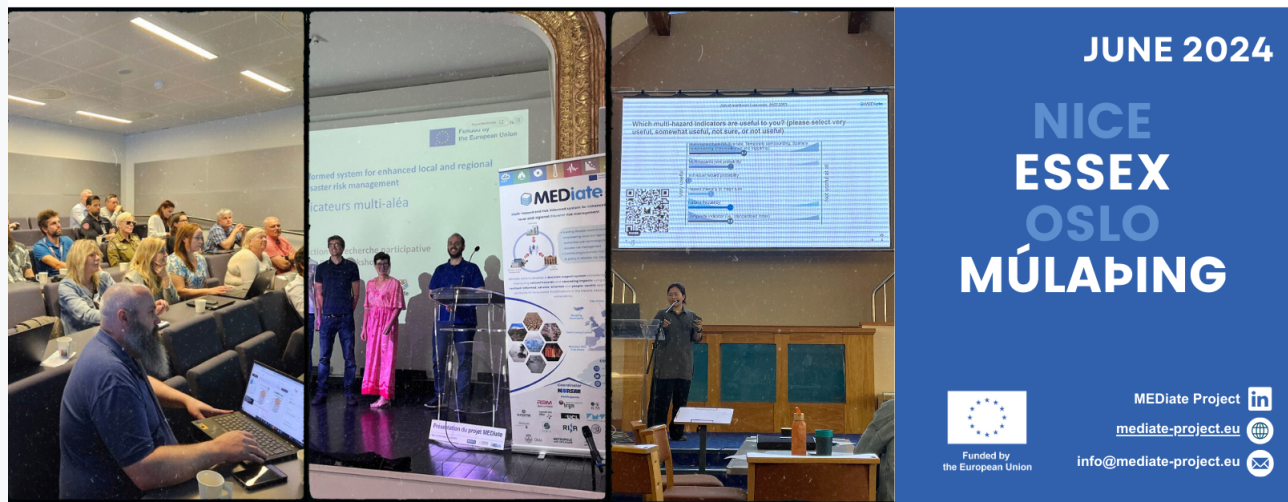
[Read the full news here](#)



2nd Project Participatory Action Cycle



Local workshops involving local stakeholders and communities from the MEDiate project's four testbeds.



The MEDiate project aims to collaboratively design and develop a Decision Support System (DSS) for disaster risk management by involving local stakeholders and communities from four testbeds: Nice (France), Essex (UK), Oslo (Norway), and Múlaþing (Iceland). As part of the second cycle of the Participatory Action Research methodology, local stakeholder workshops were held in June 2024 across these testbeds. These workshops sought to understand stakeholders' preferences for risk and impact assessment and to identify effective mitigations for natural hazards. The sessions highlighted key hazards and vulnerabilities, including socio-economic factors, and involved participants such as local authorities, businesses, and communities in developing multi-hazard risk assessment tools. The events underscored the importance of collaboration and innovative approaches in disaster risk management to build resilient communities.

MEDiate Project at the 18th World Conference on Earthquake Engineering

(WCEE2024)



 **MEDiate**

for
 18TH WORLD CONFERENCE ON EARTHQUAKE ENGINEERING
WCEE2024
MILAN

- DAMAGE STATE-DEPENDENT FRAGILITY MODELS FOR REINFORCED-CONCRETE BUILDINGS EXPOSED TO FLOOD AND SEISMIC HAZARDS - PIERRE GEHL
- INTEGRATED RISK AND RESILIENCE ASSESSMENT OF CRITICAL INFRASTRUCTURES AFTER CASCADING EFFECTS - FLORENCIA VICTORIA DE MAIO
- ASSESSING THE CASCADING IMPACTS OF EARTHQUAKE AND THE TRIGGERED QUICK-CLAY LANDSLIDE IN ALNA, NORWAY - CHEN HUANG
- A NOVEL FRAMEWORK FOR ASSESSING MULTI-HAZARD RISK AND RESILIENCE IN A CHANGING WORLD - GEMMA CREMEN



30 JUNE-5 JULY 2024
MILAN



The MEDiate Project was prominently featured at the 18th World Conference on Earthquake Engineering (WCEE2024), held from June 30 to July 5, 2024, in Milan. This prestigious event brought together international scientists and practitioners to share their expertise, fostering collaboration and innovation in earthquake engineering.



Read the latest updates from The Hut Project below:

- [Theatre Performance “Storie in piena” at Teatro di San Rocco](#)
- [Highlights from the 3rd International Conference on Natural Hazards and Risks in a Changing World](#)
- [The HuT at CERIS Annual Event 2024](#)



B-Prepared App



Scan the QR Code!

Download the application to follow the Horizon Europe project B-prepared where they are Building PREPAREDness with Collaborative Knowledge Platform, Gamification and Serious Game in Virtual Reality. Get familiar with the international innovation team, participating organisations and learn the project

objectives. Receive updates on project progress and notifications on hackathons, closed and public beta tests.

Space4Security Event

On 11 October, B-prepared will be featured at SFC's next **Space4Security** event in Brussels, Belgium. This event provides an opportunity to showcase the results and progress of some of the high quality security research and innovation projects supported by Horizon 2020 and its successor, Horizon Europe. The event will allow participants to engage in interactive panel sessions, presentations and demonstrations, where they can collectively discuss the **latest research findings and innovative solutions aimed at enhancing societal resilience and CBRN (especially bioterror) detection**. The event is organised by the Hungarian Presidency of the Council of the EU and the HoloZcan project, in cooperation with SFC Nonprofit's annual Space4Security event.

Registration is open until 9 October:

[Register here](#)

PARATUS

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