



JUNE 2025, Newsletter #4

Dear readers,

We are excited to share with you the latest edition of the **PARATUS Newsletter**, filled with new stories, insights, and updates from across the project. In this issue, you will find highlights from our **recent workshops and activities**, including a deep dive into systemic risks, stakeholder engagement, and new tools to support disaster risk management.

Don't miss our brand-new **Interview Series**, kicking off with the Istanbul Application Case Study, and make sure to check out **PARATUS in the World**, where we recap the project's presence at recent international events and conferences, as well as the **upcoming events**.

As always, we invite you to explore the latest developments from our partners and the broader **Societal Resilience Cluster**.

PARATUS INTERVIEW SERIES



www.paratus-project.eu



Rıza Evren Kılçı
Vice President of the Avcılar
Municipality

We have kicked off the new **PARATUS Interview Series**! This edition features the **Istanbul Application Case Study**, led by the **Istanbul Technical University**. The team recently hosted an insightful **workshop** with local **stakeholders** from the **Istanbul Metropolitan Municipality** and **Avcılar Municipality**, focusing on disaster risk challenges and collaborative solutions.

In each short video, stakeholders respond to a key question on disaster risk and resilience in mega-cities:

- 🔍 [Thoughts on the multi-hazard and risk approach of PARATUS](#)
- 🧩 [Reflections on the scenario](#)
- 🏙️ [Unique challenges faced by mega-cities in risk management](#)
- 🗣️ [Why participating in these workshops matters](#)

The language spoken is Turkish, but no worries if you are not fluent:  English subtitles are available! Turn them on while watching on YouTube.

[Watch the Interview Series playlist!](#)

BLOG POSTS & NEWS

From regional workshops to local stakeholder engagement and new tools to support disaster risk management, the PARATUS project has been busy turning research into real-world impact. In our latest stories, we dive into:



Strengthening Local Disaster Resilience: PARATUS Workshop Engages Over 160 Stakeholders in Küçükçekmece, Istanbul



Advancing Disaster Risk Knowledge in the Caribbean: PARATUS Hosts Regional Workshop

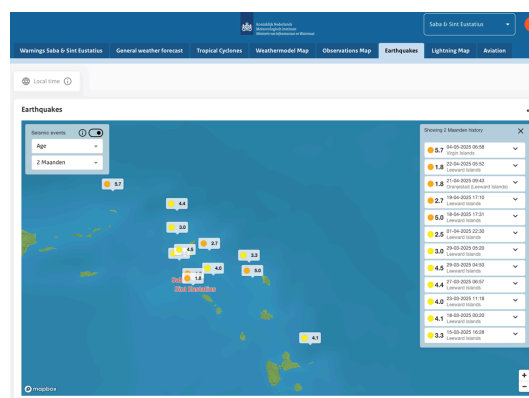
On **May 8th, 2025**, the PARATUS project held its most attended local-level workshop to date in **Küçükçekmece**, a district of Istanbul, gathering **over 160 participants** from a broad range of institutions. The high-level stakeholder event was hosted by the **Küçükçekmece Municipality**, marking a major milestone in the **Istanbul Application Case Study**.

The **PARATUS** project, in the framework of its **Caribbean Application Case Study**, recently organised a successful **two-day regional workshop** titled “*Disaster Risk Knowledge for the Caribbean Region*” in collaboration with **CDEMA** and **UNDRR**. The event brought together disaster risk management leaders from across the Caribbean to strengthen regional capacity and foster knowledge exchange on multi-hazard risk assessment.

Vulnerability analysis and assessment: types of vulnerability (criteria), respective drivers and indicators (sub-criteria)			
Structural	Socioeconomic	Critical utilities/ infrastructure	Emergency facilities
Residential buildings	Population density	Gas/power/water networks	Healthcare, hospitals, emergency centers
Office buildings	Population dependency ratios	Storages for food, water, energy, fuel	Fire stations
Cultural attractions (museums, theaters)	Incomes distribution	Storages for food, water, energy, fuel	Police, public security
Critical infrastructures	Health security	Industrial	Open spaces, parks, emergency shelters
Hotels	Social security	Agricultural	Roads, avenues, side roads

Systemic risks, vulnerability analysis and integrated disaster risk management for disaster resilient societies

In this article we describe the ongoing work on the development of methodologies, models and modeling tools for the current and the future **vulnerability analysis** by dealing with projections of **key vulnerability drivers** under **alternative development scenarios**.



BES Extranet

KNMI has developed **platforms** to support the **timely and effective relay of meteorological and geophysical warning information** to professional stakeholders both internal and external to KNMI, in support of the EWC program goals. For external stakeholders, the so-called extranet platform has been designed. This development represents an **important step forward strengthening risk preparedness and environmental monitoring for the Caribbean Netherlands**, specifically the islands of Bonaire, St. Eustatius, and Saba.

Read the latest blog posts & news!

PARATUS IN THE WORLD

Security Research Event 2025

PARATUS attended with a dedicated booth the **Security Research Event 2025**, held on 24 & 25 June in Warsaw, Poland. It is the biggest event organised by **DG HOME** and it gathers around thousand policy makers, security practitioners, researchers, industry, and civil society representatives.



G20
SOUTH AFRICA 2025

G20 Stakeholder Engagement for Disaster Risk Reduction Hackathon

On 18 June, our project coordinators Cees van Westen and Funds Atun from the University of Twente, attended the **G20 Stakeholder Engagement for Disaster Risk Reduction Hackathon**, where they also had the opportunity to present PARATUS. The event titled "*Settled In – Forecasting Informal Urban Expansion and Flood Risk*" aimed at 'harnessing **open innovation, science, and digital technologies** to enhance global water resilience, strengthen disaster risk reduction, and foster reliable, sustainable development'.

[More info](#)



**PARATUS at EGU 2025:
Innovations in Multi-Hazard
Research and Engagement**

The PARATUS project made a strong impact at the **EGU General Assembly 2025**, held in Vienna from 27 April to 2 May, with a wide range of contributions including oral presentations, posters, and interactive sessions. Highlights from the week reflect both the scientific depth and the collaborative spirit of the project.

[Check the article](#)



PARATUS at ESREL & SRA-E 2025: Insights into Seismic Risk and Systemic Vulnerability

The [Romania Application Case Study](#) team, led by Prof.Dr. Iuliana Armaş (CRMD, [University of Bucharest](#)) presented results from the PARATUS Project at the joint [Conference of European Safety and Reliability \(ESREL\) and Society for Risk Analysis Europe \(SRA-E\)](#) held in Stavanger, Norway from 15 to 19 June 2025.

[Read the news!](#)

Temporal hazard interrelations

	Description
Events occur after a long time	the time period between two events is long enough so that the society or territorial system has fully recovered from the previous event
Consecutive events	Hazardous events occur one after another so that the damage is worsened by the damage of the previous event. They occur in succession.
Simultaneous/Concurrent events	Independent events that occur simultaneously or very close to each other, so the damage is due to the combined intensity of the hazard events.
Onset speed	Hazardous events may be slow-onset events, which may cover months or years, or fast-onset events, such as earthquakes, storms, or flash floods.

8th Integrated Disaster Risk Management (IDRiM) Society Lecture

On 26 May, the PARATUS Coordinator [Cees van Westen](#) from the [University of Twente](#) held the lecture "Multi-Hazard Risk Dynamics" at the 8th [Integrated Disaster Risk Management - IDRIIM Society](#) Lecture!

[Watch the recording](#)

CERIS Disaster Resilience Days



From 19 to 21 May 2025, PARATUS attended the **CERIS Disaster Resilience Days** in Brussels with the panel discussion "Fostering preparedness for uncertain times: Innovative multi-hazard approach and climate resilience". Funda Atun from the University of Twente presented the PARATUS project and its work to create the new European Stakeholder Hub at <https://drs-hub.eu>!

UPCOMING EVENTS

RESILIAGE

www.resiliage.eu

Summer School
Mobilising Inclusive Heritage
Drivers for Disaster Resilient
Communities

5-12

July, 2025

Castello del Valentino,
UNESCO World Heritage
Site, Turin, Italy



Funded by
the European Union



Politecnico
di Torino



unesco

UCLA



2025 Summer School

We are excited to announce that PARATUS supports the **2025 Summer School: Mobilising Inclusive Heritage Drivers for Disaster-Resilient Communities!**

The event, organised by the [RESILIAGE Project](#), is set to take place from **5–12 July 2025** at the breathtaking **Castello del Valentino**, a UNESCO World Heritage Site in **Turin, Italy**.

This year's programme, part of *Cultural Heritage in Context: Digital Technologies for the Humanities*, will explore how **heritage and technology** can drive disaster resilience and community empowerment. Participants will gain cutting-edge insights and hands-on experience in integrating digital tools with cultural heritage to build safer, more inclusive communities.

Apply here!

NEWS FROM THE SRC



SYNERGIES and PARATUS make their work count beyond the life of the projects

Managing a **CEN Workshop Agreement #CWA** is a huge undertaking for PARATUS so we are pleased to be doing it in partnership with colleagues from the **Synergies Project!**

The application has just been submitted to CEN suggesting that “*many publicly funded initiatives produce tools, platforms and processes to improve preparedness for disasters*” but there is currently no consistency on how they should be presented or made sustainable for future use by Citizens, Authorities & Municipalities, Policy-makers & Researchers or Practitioners & Responders.

With this CWA, we hope to deliver an **advisory set of ‘good practice’ protocols agreed by the current projects in the Societal Resilience Cluster** for how this might be improved in the future and maybe even setting the foundations for future consistency.

This represents a major step-forward in our plans for impact, exploitation and sustainability.

[Learn more!](#)

DRS Hub Webinar Series Recordings



Webside for Seyðisfjordur

What kind of information matters?

We've learned so much already

- Good access to information (preferably a one-stop shop)
- People want information from sources where they trust
- Consistency and coordination in information sharing
- Information in Icelandic is not enough
- Website layout matters – font, colors, etc.

Information from Seyðisfjordur residents

- Results of the study of the “Eastern-Bridge Seigla” following a natural disaster
- Interviews with different focus groups
 - Groups of residents
 - Groups of volunteers who participated in work following landslides
- Visits to five companies in Seyðisfjordur
 - The Technical Museum, Síldarvinnslan, LungA School, Stúdíó Ströndin and Herðubreið.
- Interviews with residents from different backgrounds – a database of master's students organized by HuT

Funded by the European Union

14

Did you miss any of the Disaster Risk Stakeholder Hub Webinars?

No worries! The whole series is available on our website under the *videos* section. The **5th webinar** is going to take place in **September**, stay tuned to know the date and the speakers!

Check it out

Follow us for more updates!



PARATUS

This project has received funding from European Union's Horizon 2021 Research and Innovation Programme under Grant Agreement N° 101073954.

Get in contact: paratus@utwente.nl

You received this email because you signed up on our website.

[I want to unsubscribe](#)



Funded by
the European Union

