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Civil Protection

## Online Workshop on Tools for Impacts and Risks Induced by Severe Weather

We warmly welcome you to the first end-user workshop organized by the TAMIR project on tools for management of impacts and risks induced by severe weather with special emphasis on floods.

**The workshop is to be held online, the 27 October 2020.**

The online workshop is targeted to experts dealing with hazards caused by storms and heavy precipitation as well as IT specialists supporting and developing related services. For example, civil protection professionals, hydrometeorological flood modelers and/or forecasters, risk managers, web developers and service providers are cordially invited to participate in the workshop. The workshop aims to:

- Promote the envisaged new products and tools for prediction and nowcasting of hazards induced by severe weather being developed in the TAMIR project;
- Provide an opportunity to discuss the necessary features in the tools for expressing the impact and risk information to the end-users;
- Discuss the technical realizations and IT aspects of integrating the services to local end-user platforms;
- Promote networking between end-users, providers and developers of the tools and services.

The results of the end-user workshop will be used to inform the development of products and services by the project and will be collected into a report to be delivered to the workshop participants.

The detailed programme and instructions for preparing for the workshop will be sent to you ahead of the event and after the registration deadline. The initial schedule of the workshop is

CET	Session
09:30	<b>Product session: Impact and Risk Management</b> Establish the user requirements and discuss relevant information for impact and risk assessment (e.g. population density, vulnerable infrastructure) to maximize the usefulness of the developed tools for end-users.
11:00	<b>Break</b>
12:00	<b>Service session: Technical Solutions and Services</b> Survey the current practices and discuss the technical solutions and required services (e.g. the desired level of interactivity) for delivering and integrating the developed tools to the local end-user platforms.
14:00	<b>End of workshop</b>

Please register to the workshop at <https://webropol.com/s/tamirworkshop> by **12th of October 2020**.

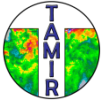
**We kindly ask you to pass this invitation to the relevant data and service specialists in your organization as their contribution will be particularly valuable in the service management session.**

If you are unable to attend, we would be grateful of alternative suggestions for an attendant in your field from your country.

For more information, do not hesitate to contact us by email at [tamir@fmi.fi](mailto:tamir@fmi.fi).

Sincerely,  
Annakaisa von Lerber, Coordinator of TAMIR





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## Information about the TAMIR project:

The [TAMIR project](#) (2020-2022), funded by the EU Civil Protection Mechanism, addresses challenges faced by Civil Protection that impede their ability to make active decisions when preparing for emergencies in severe weather situations. The challenges include e.g. high false alarm rates, lack of multi-hazard forecasts (e.g. combined effects of heavy rainfall, flood, lightnings, wind gusts, hail), difficulties in translating hazard forecasts into impact forecasts, and inadequate risk assessments. TAMIR project addresses these challenges using innovative, state-of-the-art science, and integration of the developed tools and services into existing systems, e.g. as experimental additional products via the European Flood Awareness System (EFAS) platform and new information in regional Civil Protection systems. This way the project supports pro-active emergency management with products covering different scales (regional to European) and lead times (15 mins to 5 days). In particular, the project focuses on:

- i. Improving the existing products and tools with enhanced impact assessment and preparedness capacity, e.g. considering uncertainty related to precipitation type, lead-time dependent flood warning thresholds, and combining hazard forecasts with vulnerability and exposure layers for enhanced risk management.
- ii. Delivering the products to end-users through operational platforms and new web services for effective integration into existing Civil Protection systems.

The products and tools developed in the project will be assessed against their usefulness for decision making through case study evaluation and real-time demonstration in regional Civil Protection systems. Hence, the project aims to include Civil Protection professionals and other end-users of the products closely into the development process in order to maximize the effectiveness of the products.

The TAMIR project (UCPM-2019-PP-AG-874435) is an extension to the former UCPM funded projects [HAREN](#), [EDHIT](#), [ERICHA](#), and [SMUFF](#).

