

Impact-based Forecasts & Warnings Workshop Series

October - November 2022

The World Meteorological Organization World Weather Research Programme High Impact Weather project is running a virtual workshop series on impact-based forecasts and warnings in October 2022. You are invited to attend, listen in, and if you wish, contribute through the interactive whiteboard or as a speaker.



Register Now!

You can register your interest in attending and presenting and state your time zone preference. We welcome registrations from community members who would especially benefit from inclusive early warning systems, as well as scientists, forecasters, the emergency management/civil protection sector, and anyone else interested. We will email out further information to everyone registered, including the link for the 2-hour workshops. The workshops will be held in English language and will be recorded

[Register](#)

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Workshop

1

6am UTC
25 October

Impact-based warnings: Underpinning data and model integration

In the first workshop we will be discussing the underpinning data and integration of models for impact-based forecasts and warnings (IbFW). We will describe impact forecasting and finance-based forecasting, explore the models and methods used to understand the potential impacts of weather events, and discuss where the data are and how they can be shared to support IbFW. We invite contributions on the propagation of uncertainty through the warning chain and on how IbFW can be verified. We will be exploring challenges with IbFW, such as scale and audience, and we would love to have your contributions from your research or experiences.

Workshop

2

12pm UTC
1 November

People-centred impact-based warnings

In the second workshop we will be focussing on people-centred warnings. We are seeking experiences for the inclusion of indigenous knowledge and vulnerable communities in establishing impact forecasts. We will explore Volunteered Geographic Information and community knowledge as a way to determine warning thresholds and look at how we can tailor warnings to different audiences. We invite contributions on the needs of humanitarian and NGO agencies, as well as stakeholder and key user engagement to understand their needs. The meaningful communication of impact-based warnings will be explored, as well as what makes a successful warning.

Workshop

3

7pm UTC
9 November

Multi-hazard impact-based warnings

In the final workshop we will look at the role of multiple hazards and seek learnings from other hazards for impact-based forecasts and warnings (IbFW). We will look at how to accommodate cascading and concurrent hazards and impacts in IbFW. We invite contributions on short-term impact forecasting for non-weather hazards, such as health, geohazards, and technological hazards. We will explore multi-hazard communication tools, and options for co-design and stakeholder engagement.

[Register](#)