

**WMO OMM**

World Meteorological Organization  
Organisation météorologique mondiale  
Organización Meteorológica Mundial  
Всемирная метеорологическая организация  
المنظمة العالمية للأرصاد الجوية  
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Subject: WMO Publication: *WMO Guidelines on Multi-hazard Impact-based Forecast and Warning Services (IBFWS) Part II: Putting Multi-Hazard IBFWS into Practice*, (WMO-No. 1150)

Action required: To publicize the Guidelines among the staff of National Meteorological and Hydrological Services (NMHSs) and stakeholder organizations and to promote the wide usage of the Guidelines in the implementation and enhancement of IBFWS by Members

Dear Sir/Madam,

It is with pleasure that I announce the publication of the *WMO Guidelines on Multi-hazard Impact-based Forecast and Warning Services (IBFWS) Part II: Putting Multi-Hazard IBFWS into Practice* (WMO-No. 1150), which was launched on 9 December 2021.

The publication of WMO-No. 1150, Part II, was approved by the first session of the second part of the Commission for Weather, Climate, Water and Related Environmental Services and Applications (SERCOM-1(II), 22 to 26 February 2021) following the Decision of the Executive Council at its seventieth session, *Decision 12 (EC-70)* - Symposium to collect Members experiences with Impact-based Forecast and Warning Services, to publish an adjunct to the *Guidelines on Multi-hazard Impact-based Forecast and Warning Services* (WMO-No. 1150). The development of the Guidelines was coordinated by the Standing Committee on Disaster Risk Reduction and Public Services (SC-DRR) through its Expert Team on General Service Delivery (ET-GSD).

The material presented in this WMO-No. 1150, Part II, reinforces the concepts of IBFWS and provides examples of good practices in IBFWS, illustrating and augmenting the insights presented in the original *Guidelines on Multi-hazard Impact-based Forecast and Warning Services* (WMO-No. 1150). Practical information and case studies representing the paradigm shift from providing hazard warnings based on “*what the weather will be*” to “*what the weather will do*” are provided in the Guidelines, for NMHSs to consider as they implement or enhance their multi-hazard impact-based forecast and warning services. Further, this new edition benefits from significant research into exposure and vulnerability and incorporates extensive input from both service providers and the user community. It highlights the paramount importance of strategic partnerships, dialogue and collaboration between the NMHSs, Disaster Reduction and Civil Protection Authorities (DRCPAs) and other key stakeholders.

The *WMO Guidelines on Multi-hazard Impact-based Forecast and Warning Services (IBFWS) Part II: Putting Multi-Hazard IBFWS into Practice* (WMO-No. 1150), is presented in a digital format and is published in the WMO library.

To: Permanent Representatives of Members with WMO

cc: Hydrological Advisers

I would like to request that you consider publicizing these Guidelines to the staff of your Service, and to the stakeholder organizations such as the DRCPAs as a way of ensuring wide usage of the Guidelines. Please note that the original publication, *Guidelines on Multi-hazard Impact-based Forecast and Warning Services* (WMO-No. 1150), continues to be relevant.

It is hoped that this publication will be useful to the NMHSs as they develop their IBFWS to continue protecting lives, livelihoods and property in the future.

Yours faithfully,



Dr Elena Manaenkova  
for the Secretary-General