

Hands-on Exercise

**Flash Flood Warnings, Dissemination,
and how FFGS forecaster-support
can contribute to
saving lives and property**



WMO OMM

World Meteorological Organization

Organisation météorologique mondiale

Role Play

- Student-centric approach to learning
- Role-play is a technique that allows students to explore realistic situations by interacting with other people in a managed way in order to develop experience and trial different strategies in a supported environment.
- Role play can allow everyone to participate.



FORECASTER



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

**TV
REPRESENTATIVE**



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

REPRESENTATIVE OF MAYOR OFFICE



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

DISASTER MANAGER



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

REPRESENTATIVE OF UTILITY COMPANIES



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

REPRESENTATIVE OF AIRPORT AUTHORITIES



- 1) How should flash flood warnings be structured from your perspective?**
- 2) What information should be included in the flash flood warning?**
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?**
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?**
- 5) How FFGS forecaster-support can contribute to saving lives and property?**
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?**

REPRESENTATIVE OF EMERGENCY MEDICAL SERVICES



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

REPRESENTATIVE OF ROAD AUTHORITY



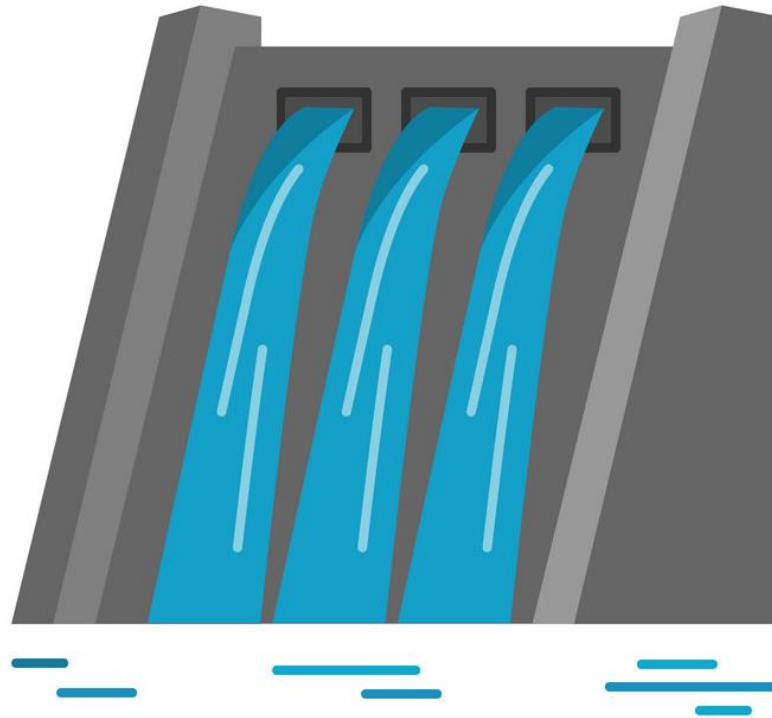
- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

URBAN CITIZEN



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

REPRESENTATIVE OF HYDROPOWER PLANT



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?



**REPRESENTATIVE OF RED CROSS
AND RED CRESCENT**



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?



REPRESENTATIVE OF RED CROSS



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

BUS DRIVER



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

**OWNER OF A HOUSE BELOW THE HILL
PRONE TO LANDSLIDE**



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

ELDERLY PERSON



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

PERSON WITH VISUAL DISABILITY



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

**PERSON
WITH HEARING
DISABILITY**



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

TOURIST GUIDE



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

HOTEL MANAGER



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

TOURIST



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

FARMER



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

10-YEAR CHILDREN



- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?

REPRESENTATIVE OF MINISTRY OF FORESTRY



- 1) How should flash flood warnings be structured from your perspective?**
- 2) What information should be included in the flash flood warning?**
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?**
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?**
- 5) How FFGS forecaster-support can contribute to saving lives and property?**
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?**



**SUGAR
CANE**

PRODUCER

- 1) How should flash flood warnings be structured from your perspective?
- 2) What information should be included in the flash flood warning?
- 3) What is the minimum lead time that you think is necessary to respond effectively to flash flood hazards?
- 4) Which dissemination channels do you prefer to use for dissemination of flash flood warnings?
- 5) How FFGS forecaster-support can contribute to saving lives and property?
- 6) From your perspective what type of public education would be needed for the public to effectively respond to warnings?



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale

For more information please visit:

<http://www.wmo.int/ffgs>

<http://www.hrcwater.org>