Raising Risk Awareness: making informed decisions to prepare for extreme weather events

Extreme Event
An extreme event such as a flood, drought, or heatwave occurs somewhere in the world.

Disaster Response and Relief
The government and humanitarian actors respond to the event by distributing relief.

How do we build back better?
Policy makers, humanitarian actors, engineers, community members and others are faced with decisions about how to rebuild and prepare for changing risks.

Is the past a good indicator of the future?
Many actors wonder if they can use their experience and knowledge about past climate extremes and impacts as a good indication of future risk.

Determining the influence of climate change
Climate scientists use multiple robust methods to determine whether or not climate change is making some extreme events occur more often and with higher intensity.

Analysing the exposure and vulnerability context
Social scientists examine the underlying exposure and vulnerability within the social, economic and political context of the event.

Experts communicate message
Scientists inform the media about whether and to what extent climate change influenced the extreme event. The media and other stakeholders then spread that information to decision-makers.

Better Decisions
People use this information to make better decisions on how to respond to, and build back from the extreme event. This will help them prepare for the future climate and ensure that communities, organisations and systems are resilient.

CLIMATE CENTRAL
Funded by
This publication is an output from the Raising Risk Awareness project. The project is funded by the UK Department for International Development (DFID) through the Climate and Development Knowledge Network (CDKN), and by Eric and Wendy Schmidt through Climate Central, Inc. CDKN is a programme funded by DFID and the Netherlands’ Director-General for International Cooperation (DGIS) for the benefit of developing countries. This publication has been prepared for general guidance on matters of interest only, and does not constitute professional advice. You should not act upon the information contained in this publication without obtaining specific professional advice. The views expressed and information contained in this publication are not necessarily those of, or endorsed by DFID, DGIS, Eric and Wendy Schmidt, Climate Central, Inc.; or the entities implementing the delivery of CDKN; or the entities implementing this project, which can accept no responsibility or liability for such views, completeness or accuracy of the information or for any reliance placed on them. No representation or warranty (express or implied) is given as to the accuracy or completeness of the information contained in this publication, and to the extent permitted by law, DFID, DGIS, Eric and Wendy Schmidt, Climate Central, Inc.; or the entities managing the delivery of CDKN; or the entities implementing this project do not accept or assume any liability, responsibility or duty of care for any consequences of you or anyone else acting, or refraining to act, in reliance on the information contained in this publication or for any decision based on it. Copyright © 2017. All rights reserved.