

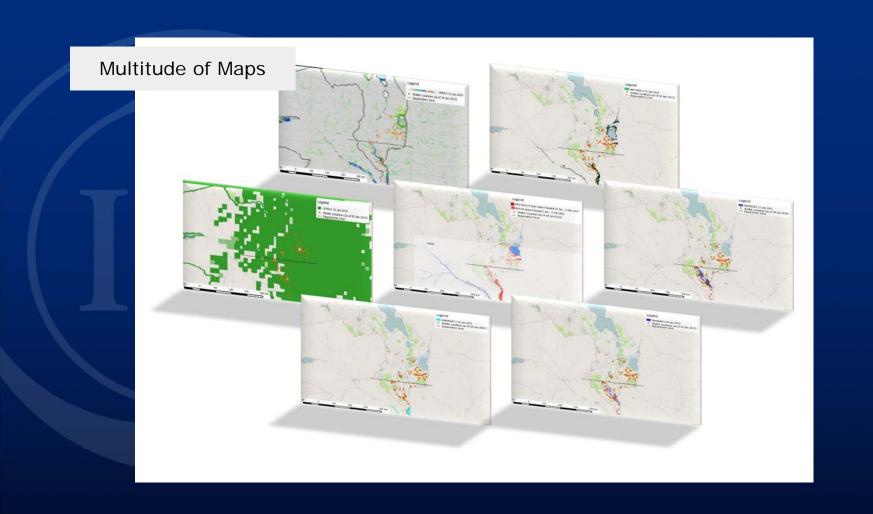
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# Disaster Response

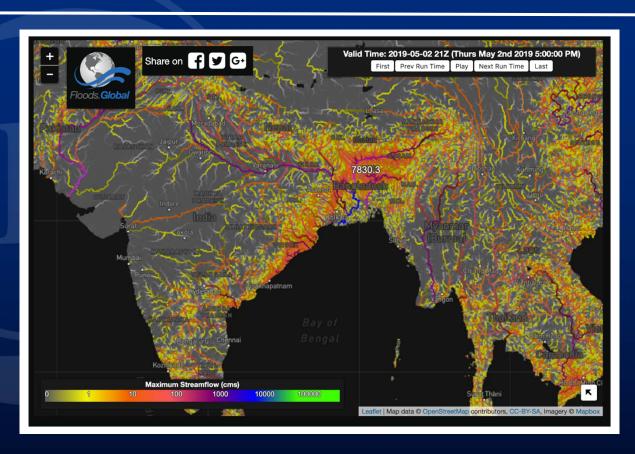
Confusion causes delays Results in less efficient or less effective response



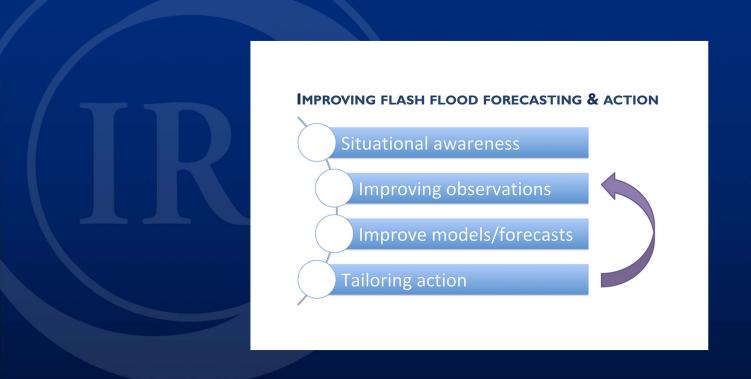


# **Disaster Pre**paredness and **Disaster** Risk Reduction

# **NASA GEO**



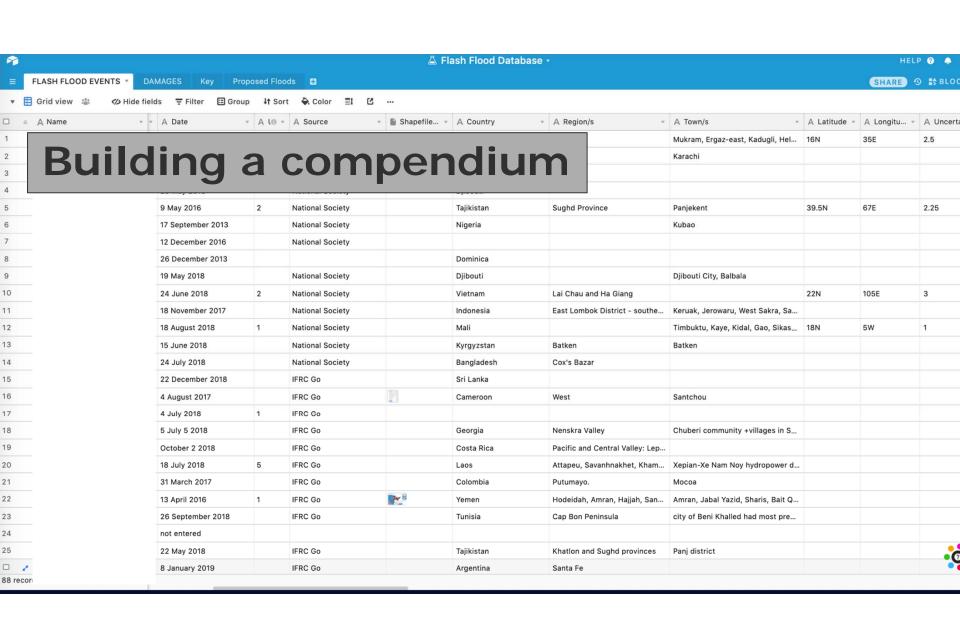
## **NASA GEO**



### Historical flash flood data

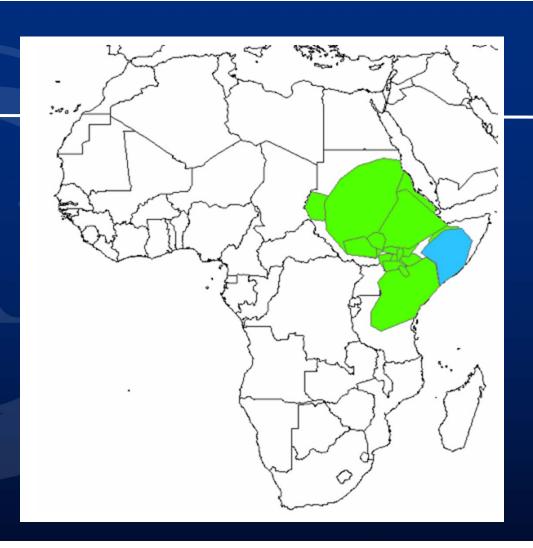
Accurate understanding of past events necessary for preparedness

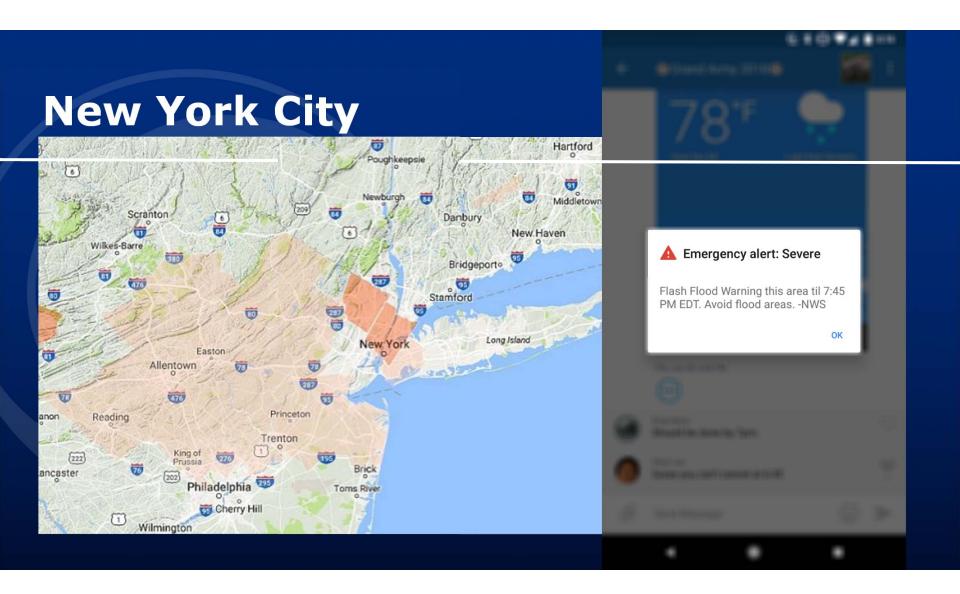
For any hazard its important to be specific about location of impact, especially flash floods that occur locally and at short time intervals.



# Sudan

IR





Lack of standard geographical names, leads to decreased understanding of flash flood risk.

### **Chart of the Sendai Framework for Disaster Risk Reduction**

2015-2030

#### **Priorities for Action**

There is a need for focused action within and across sectors by States at local, national, regional and global levels in the following four priority areas.

#### Priority 1

Understanding disaster risk

Disaster risk management needs to be based on an understanding of disaster risk in all its dimensions of vulnerability, capacity, exposure of persons and assets, hazard characteristics and the environment

#### Priority 2

Strengthening disaster risk governance to manage disaster risk

Disaster risk governance at the national, regional and global levels is vital to the management of disaster risk reduction in all sectors and ensuring the coherence of national and local frameworks of laws, regulations and public policies that, by defining roles and responsibilities, guide, encourage and incentivize the public and private sectors to take action and address disaster risk

#### Priority 3

Investing in disaster risk reduction for resilience

Public and private investment in disaster risk prevention and reduction through structural and non-structural measures are essential to enhance the economic, social, health and cultural resilience of persons, communities, countries and their assets, as well as the environment. These can be drivers of innovation, growth and job creation. Such measures are cost-effective and instrumental to save lives, prevent and reduce losses and ensure effective recovery and rehabilitation

#### Priority 4

Enhancing disaster preparedness for effective response, and to «Build Back Better» in recovery, rehabilitation and reconstruction

Experience indicates that disaster preparedness needs to be strengthened for more effective response and ensure capacities are in place for effective recovery. Disasters have also demonstrated that the recovery, rehabilitation and reconstruction phase, which needs to be prepared ahead of the disaster, is an opportunity to «Build Back Better» through integrating disaster risk reduction measures. Women and persons with disabilities should publicly lead and promote gender-equitable and universally accessible approaches during the response and reconstruction phases

# **Chart of the Sendai Framework for Disaster Risk Reduction** 2015-2030

### **Priority 1**

Understanding disaster risk

### **Priority 4**

Enhancing disaster preparedness for effective response, and to «Build Back Better» in recovery, rehabilitation and reconstruction

# **Chart of the Sendai Framework for Disaster Risk Reduction** 2015-2030

# **Targets**

Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to people by 2030

