

# **Session 7**

# Government Innovation and Disaster Risk Reduction: Frontier Technologies for Resilience

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#### **Presentation Outline**

- Disasters and the SDGs
- E-Government Concept for SDGs
- E-Government 2018 Survey Results
- Public Governance and Frontier
   Technologies
- Fourth Industrial Revolution and DRR
- UNPOG Focus

#### Resilience is central to achieving the 2030 Agenda

- Increasing frequency and intensity of disasters due to climate change
- One step forward and two steps back unless we invest in resilience
- 2018 HLPF Theme: Transformation towards sustainable and resilient societies

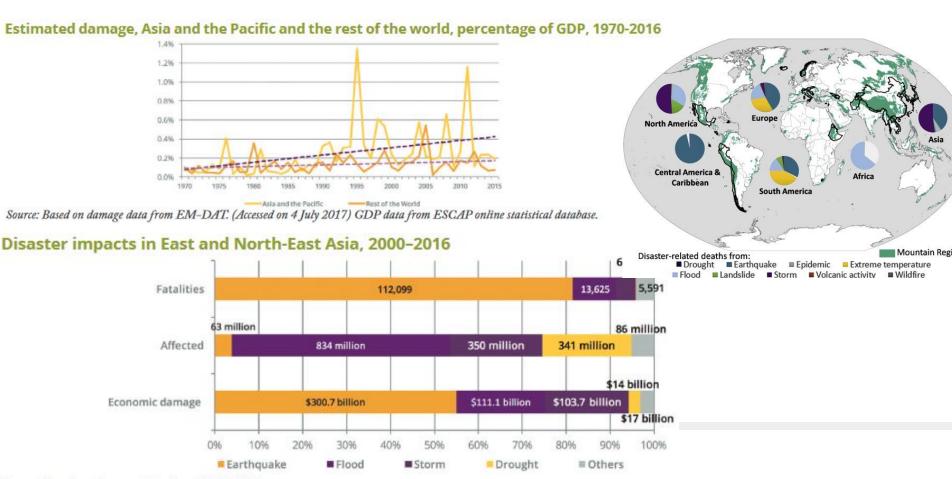






### **Disasters Setback SDG Gains**

Disasters are obstacles to governments achieving the Sustainable Development Goals by 2030



### The UN E-Government Survey Findings on Resilience



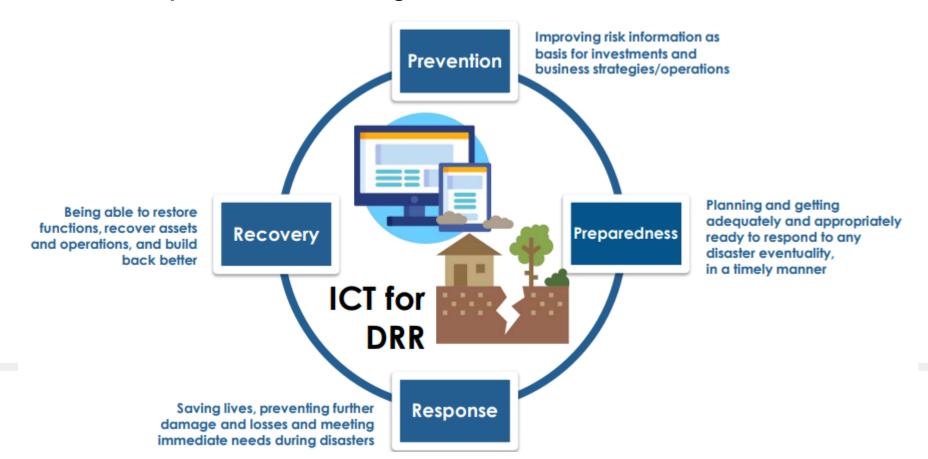
The E-Gov Survey presents a systematic assessment of the use of ICT to transform and reform the public sector by enhancing efficiency, effectiveness, transparency, accountability, access to public services and citizen participation in 193 Countries

The experience of the UN E-GOV Survey

2018 Theme:
Transformation toward
Sustainable and Resilient
Societies

#### The UN E-Government Survey Findings on Resilience

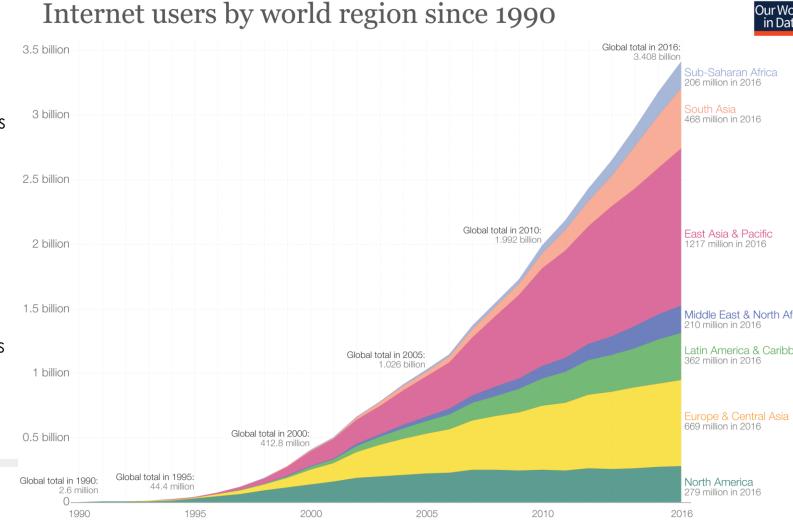
• **E-Resilience:** The use of ICT during all phases of disaster risk management —prevention, reduction, preparedness, response and recovery – to reduce impact and maintain gains



## The UN E-Government Survey Findings on Resilience

When broadband connectivity is increased disaster impact is reduced

Governments providing relevant weather- and disaster-related information on their online government sites had lower casualties



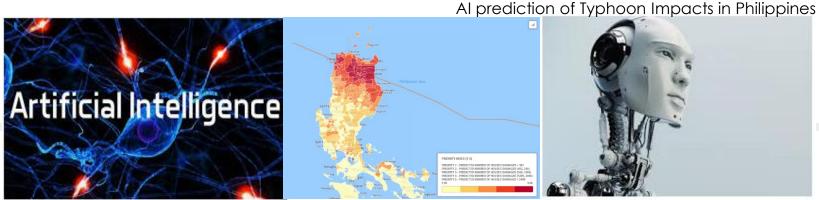
## Public Governance and Frontier Technologies

Digital government and ICTs today more than ever, offer an unprecedented opportunity to achieve the SDGs

#### Frontier technologies for

- Better data
- Effective decision-making
- Risk-informed planning





#### Fourth Industrial Revolution and DRR





Open
Government Data



Artificial Intelligence



Geographic Information System



Blockchain



Unmanned Aerial Vehicle

# UN Project Office on Governance, DPIDG, DESA



**Capacity Needs Assessment Results** 

22 countries surveyed:

- 1. Innovation in Government Services
- 2. Disaster Risk Reduction

**Mission:** Assist Member States to improve their public governance capacity to achieve the SDGs



Capacity Development



Research & Policy Analysis



Communications & Outreach





