



UN Public Administration Programme

Division for Institutions and Digital Government
UN Department of Economic and Social Affairs (UNDESA)



Webinar

Government Innovation and Disaster Risk Reduction: Frontier Technologies for Resilience

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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



**HIGH-LEVEL POLITICAL FORUM
ON SUSTAINABLE DEVELOPMENT**



The UN E-Government Survey Findings on Resilience



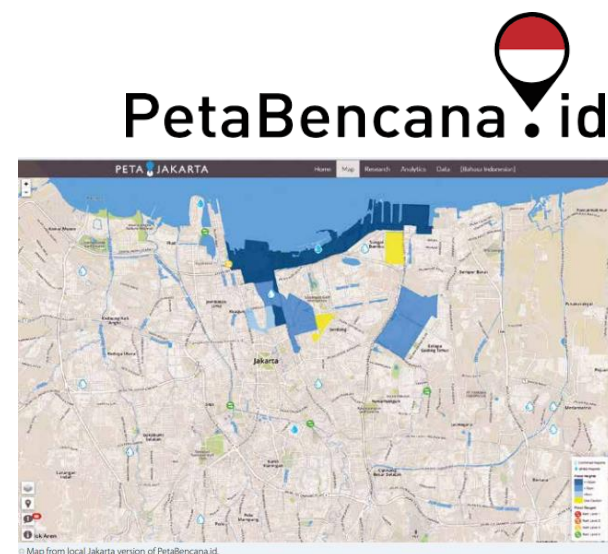
- **E-Resilience:** The use of ICT during all phases of disaster risk management —*prevention, reduction, preparedness, response and recovery* – to **reduce impact and maintain gains**
- When broadband connectivity is increased disaster impact is reduced
- Governments providing relevant weather- and disaster-related information on their online government sites had lower casualties

Public Governance and Frontier Technologies

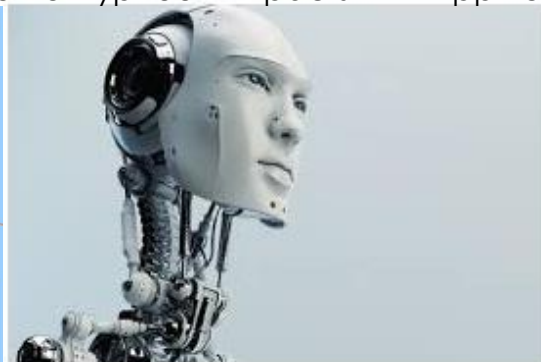
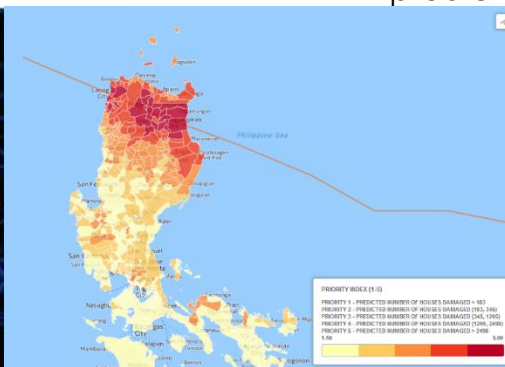
Digital government and ICTs today more than ever, offer an unprecedented opportunity to achieve the SDGs

Frontier technologies for

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



AI prediction of Typhoon Impacts in Philippines





Fourth Industrial Revolution and DRR



**Open
Government Data**



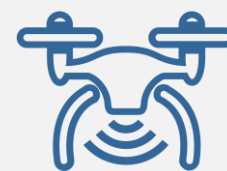
**Artificial
Intelligence**



**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



Share your country requests for future webinar topics!

Thank You