waves and walls

311 and Information Society

What can ICT/Internet do for them?
It's a governance issue

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Waves – one creates another
Mar 11 14:46

- The earthquake 4 waves compound: = M9.0
  - Many aftershocks = M6.0 – 7.0
- Tsunami: 10 – 30 meters high, 3 times higher than experts anticipated
  - Several waves came within 10 to 50 min
  - Washed away almost everything there: 30+ cities and towns

Fukushima Nuclear Station

- waves of destructions
  - Emergency power destroyed
    - unable to cool fuel rods etc.
    - burned and blew out buildings and facilities
  - Radio actives emitted
    - People inside 20 km radius evacuated
    - Others also moving away
    - Safe outside 30 km radius
  - If not best, they are doing great work to contain

The worst ever disaster in Japan after WWII

- Confirmed death: 9,500+
- Confirmed missing: 16,000+
- *Unconfirmed missing*: 30,000+?
- Total loss: 54,500+?
- Ref.
  - 1995 Kobe great earthquake: 6,400+
  - 1999 Taiwan great earthquake: 2,400+
  - 2004 Thailand + India+ Sri Lanka + Indonesia =227,000+
  - 2008 Sichuan great earthquake: 88,000+

Waves in society at large

- Rotating power cuts in Tokyo suburbs underway
   eg. Train system with millions of people affected
- Shortage of goods: gas, water, food, batteries etc.
- One large bank network halted to function

- Waves of information spreading, but only outside the areas hit badly
   - Twitter, SMS, SNS … partially effective
   - Mass media – provided lots of info, some are helpful and others are too sensational

Walls

- Infrastructure destroyed
  - Roads and Railways, Power lines
  - Communication networks
    - Telephone, mobile – high congestion even the liens remained
    - Internet, SMS, twitter, SNS OK <u>IF you have the electricity</u>
- Walls between destroyed areas and outside
  - A loss of sense of control – no way to assess and report
  - Could not comprehend what is going on
- Efforts were slow to reach out and find out what is going on and needed: *informational gap*

However

- People are calm and accepting the crisis as is
- Doing best where you can
- Not the whole nation is damaged/affected
- Japan is under recovery

We shall build new and better society

Waves to Recover and Rebuild

- Humanitarian activities – very hard
  - Grateful for many international rescue efforts
- Emergency recovery for lifelines
- Restoring the citizens' daily life
  - Shelters, housings, temporal moves etc
  - Sending supplies (food, medicine, blankets etc)
  - Volunteers
- Role of ICT and its "governance" is important

What can ICT/Internet do for them?

- A voluntary group is being created
- *Informational gap* is source of wider problem
  - ineffective logistics, relief and support works
- **Information Support *Pro bono* Platform (iSPP)** proposed
  - Multi-stakeholder platform to address informational gap
  - Projects and coordination center to begin shortly

Proposed Projects

1. Provide ICT solutions (packages) to recovery works – sending machines and people

2. Common API for Information Support

3. AtoDtoA to facilitate conversion between analogue and digital information

4. Information Support Cloud

5. NPO・NGO Coordination

The role of Internet Governance

- Governing these activities require "multi-stakeholder" framework
- Traditional government structure does not work sufficiently
- Industry and Civil Society must work together with central and local government
- But how? - complementarily

Thank you

For your help and support

This could happen to you

Let's learn the lessons and be prepared