

waves and walls

311 and Information Society

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

Mar 24, 2011

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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 lines remained
 - Internet, SMS, twitter, SNS OK IF you have the electricity
- 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