

Report on Break-out session 1: What are the existing gaps in the use of GI for DRM?

People in this group:

- People present:
- Manzul Hazarika (AIT)
- Kakha Bakhtadze (CENN, Georgia)
- Pierro Boccardo (Director ITHACA)
- Oscar Izizawa (World Bank)
- Jorge Amador (RUNIRED, Costa Rica)
- Jan Sopaheluwakan (Indonesia Institute of Sciences)
- Simone Frigerio (Web expert)
- Alexander Vollebregts (U Delft)
- Cees van Westen (ITC- UNU DGIM)
- P.K. Champati ray (IIRS/ISRO)

Gaps of GI and Causes

Gaps	Causes
Lack of manpower/ human resource/ technical competence	<ul style="list-style-type: none"> • Weakness in educational system • Brain drain • Low salary • New topic – unrecognized
Lack of translation to other disciplines (trans-coding)	<ul style="list-style-type: none"> • Extremely complex issue • Extremely limited capacity on how to translate
Culture of response rather than risk reduction	<ul style="list-style-type: none"> • Lack of perception of decision makers on risk reduction • Too high political cost for implementing risk reduction measures • Poor people cannot afford risk management
Lack of best practices	<ul style="list-style-type: none"> • Lack of will to share best practices • Responsibility to gather such best practices not defined
Use of geospatial information	<ul style="list-style-type: none"> • Still not well understood • It is promoted as single use than multiple use • Not institutionalised

GI capacity building- features/ requirements/ gaps

- Technical infrastructure: hardware, software, data, expertise lacking
- Lack of manpower/ human resource/ technical competence
- DRM is not the main priority
- Lack of organisational structure or mandate for DRM
- Lack of interest/ commitment by decision makers
- Lack of good examples/ best practices to demonstrate
- Developing economy- GI capacity building requirement is more fundamental and needs institutionalization
- Emerging economy- some advancement has been done, needs strengthening, funding is the key

Flow of GI and CB requirement

- Capacity building required at four levels:
 - Decision makers- national level
 - Local government- to use GI for DM
 - Disaster Managers - to assimilate/ integrate diverse data sets
 - Data providers - satellite data, information product from expert organisation



Target audience of capacity building

- Training of trainer at university
- Training at vocational institute

