

*Integration of climate risk
assessment/management and DRR
into national policies and
programmes*

Climate-related Hazards

Breakout Group #

Climate-Related Hazards

► Outline/Methodology

- Listing of Hazards
- Relevant risk assessment/management tools
- Modalities for integration into national policies and programmes
- Challenges in implementing integration modalities
- Recommendations

Climate-Related Hazards

► Listing of Hazards

- Sea Level Rise
- Storm Surges
- Cyclones
- Heat waves/extreme weather
- Forest Fires
- Droughts
- Landslides
- Extreme snow
- Tornadoes
- Hail
- Melting permafrost

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► Risk assessment/management tools

- *Used to generate risk information that can be used to inform national policies*
- *NB: Many tools and experiences available, but unevenly applied. Not all hazards were covered by these tools*
 - Scenario building and downscaling
 - Modelling
 - GIS-based analysis
 - Hazard mapping
 - Early warning methodologies e.g. weather forecasting
 - Good practices
 - Vulnerability analysis including perception analysis

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► Modalities for Integration

- *Used to ensure utilisation of risk information in national decision-making processes*
 - Legislative and/or administrative mandates
 - Stakeholder committees e.g. Intersectoral, specific issue
 - Regional cooperation networks
 - Public awareness, education and advocacy
 - Access to tools and knowledge – socio-economic impacts and costs

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► Challenges in using integration modalities

◦ Legislative/Administrative Mandates

- Short term political cycles
- Limited/uneven understanding of the problem e.g. # impacted; costs; consequences of inaction
- Uncertainty in information presented
- Not able to provide information in to decision makers in a form that helps decision-making
- Availability of resources

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► Challenges in using integration modalities

◦ Multi-Stakeholder Collaboration

- Lack of clear political leadership from the top/levels
- Availability of resources
- Relative power of lead agency/ministry
- Internal policy alignment at national, regional and local levels
- Good communication within decision-making entities - top-down & bottom-up
- Poor participation at meetings
 - Participant does not have adequate authority
 - Irregular participation

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- ▶ Challenges in using integration modalities
 - Regional Cooperation Networks
 - Access to resources for sustaining networks
 - Acceptance of their functions by members of the network
 - Mechanisms for information generation and exchange between members
 - Knowledge/Tools
 - Availability of data and knowledge on local impacts
 - Ability to generate relevant local data and analysis
 - Modalities for sharing knowledge and information

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► Recommendations

◦ Legislative/Administrative Mandates

- Develop draft model legislation and implementation guidelines that can be adapted at national and local levels – NWP call for case studies, et. al
- Use of political champions
- Access to resources for implementation
- Integrate CC and DRR requirements into EIA guidelines
- Use of key institutions e.g. regional development bank

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► Recommendations

◦ Multi-Stakeholder Collaboration

- Define role within the context of a national plan
- Include agencies that can implement action on the ground
- Ensure availability of resources
- Provide incentives for participation
- Include as part of MDG-type international mandate e.g. all countries to have mechanisms in place by 2015/Encourage engagement with existing networks – Learn from DRR

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► Recommendations

◦ Regional Cooperation Networks

- Formal recognition of their functions
- Increased visibility for their actions
- Access to resources for sustaining the networks
- Provide support with mechanisms for generation and exchange of information e.g. web site; clearing house
- Develop protocols for two-way access to data
 - Country to network
 - Network to country
- NWP initiate regular meetings between CC and DRR communities

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► Recommendations

◦ Public Awareness/Education/Advocacy

- Engage local NGOs and CBOs on specific issues
- Use events (hazard impacts) as catalysts for change
- Introduce into school curriculum
- Initiate new Calls for Action for advocacy at highest political levels

◦ Knowledge and Tools

- Information made available to decision-makers in usable form
- Provide incentives and support for mechanisms to generate local data and analysis
- Develop modalities for sharing of knowledge and information

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► Recommendations

◦ General

- Use existing structures and processes
- NWP initiate regional workshops to examine how information is generated and used in decision-making
- NWP initiate Side Event at COP to promote the CC/DRR linkage
- NWP engage with key events e.g. Use World Climate Conference – 3 as mechanism to bridge CC/DRR needs
- NWP review how information generated is being used

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