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**Implications of climate change for DRM:  
preparedness and early warning  
in sudden-onset disasters**

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## **Humanitarian consequences of climate change**

### **Physical impacts of climate change**

- Increased frequency and intensity of hydro-meteorological hazards.
- Increased likelihood of drought and desertification.
- Melting of glaciers and ice caps.

### **Climate change exacerbates vulnerabilities**

- Water scarcity.
- Food insecurity.
- Changes in the morbidity patterns of some diseases and decline in human health.
- Competition for scarcer resources with the potential for tensions/conflict and displacement.



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## Preparedness is the key:

Local communities, Governments and the international humanitarian community need to **bolster preparedness** in order to respond more effectively.



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## Good practices examples in DRM (preparedness component)

- Bangladesh, cyclone Sidr, Nov 2007.
- Southern Africa, floods.
- Emergency Rosters.
- Appeals for preparedness.



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## Challenges and questions for discussion

- How can we mainstream climate change into disaster preparedness?
- Humanitarian operations in large coastal cities?
- Funding for preparedness and climate change adaptation?
- Displacement of population. Protection frameworks?