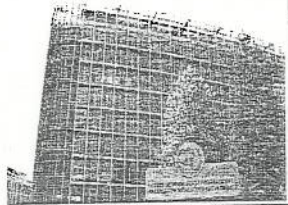


-WMO-

WMO Presentation to the 2009 ECOSOC coordination segment - The role of the UN system in promoting sustainable development in the context of current challenges

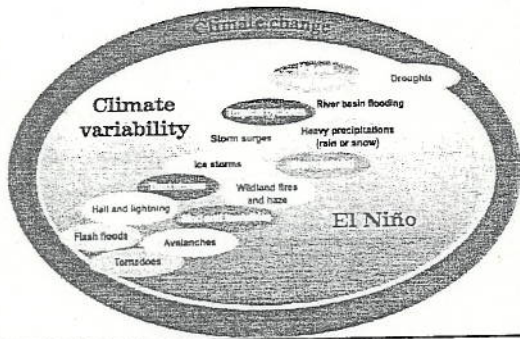
by M. Jarraud
WMO Secretary-General
Geneva, 10 July 2009



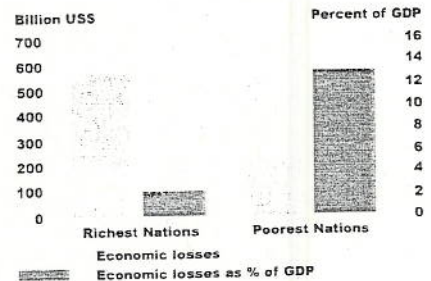
Responding to sustainable development challenges

- ✓ 2008 ECOSOC Ministerial Declaration
- ✓ Effective development strategies to focus on:
 - Climate change
 - Integrated water resources management
 - Rural and agricultural development
 - Affordable, cost-effective and efficient energy supply
 - Sustainable urbanization
 - Social equality
 - Institutional strengthening for sustainable development
- ✓ Natural disasters
- ✓ The role of WMO
- ✓ A source of benefits for all socioeconomic sectors

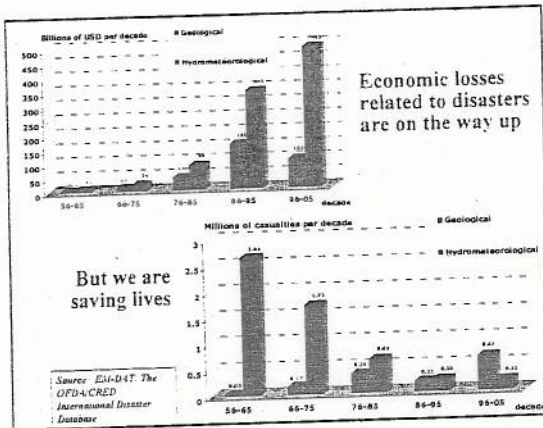
Climate, natural disasters & the ISDR System



Economic impacts of natural disasters on sustainable development (1985-1999)



Source: Adapted from Munich Re



Observed climate change & its impacts

- ✓ 1979: 1st World Climate Conference
- ✓ 1988: WMO & UNEP co-establish the IPCC
- ✓ 1990: 2nd World Climate Conference
- ✓ IPCC 4th Assessment Report
 - ✓ Warming unequivocal
 - ✓ 2007 global mean sea level rise ~ 20 cm > 1870 estimate
 - ✓ An increasing trend in extreme events over last 50 years
 - ✓ Numerous impacts on health & food security
- ✓ A 5th Assessment Report by 2014

The UN system delivering as one on climate change

- ✓ Coordinating role of the UN CEB
- ✓ UNFCCC COP 14 - (Poznan, December 2008): Acting on Climate Change "As One"
- ✓ A commitment to maintain the momentum to the COP 15 and beyond
- ✓ Adaptation and mitigation as 2 basic pillars
- ✓ Decision-makers will require appropriate tools and information to benefit all sectors

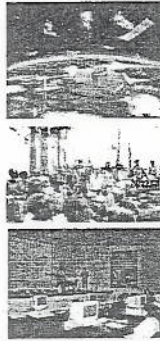
"The world is watching us. The next generation is counting on us. We must not fail" (UN Secretary-General)

UN System coordinated response to climate change

- ✓ 5 climate change focus areas:
 - Reducing emissions from deforestation and forest degradation (REDD): FAO, UNDP, UNEP
 - Technology transfer: UNIDO, UNDESA
 - Finance (Mitigation, Adaptation): World Bank, UNDP
 - Capacity Building: UNDP, UNEP
 - Adaptation: HLCP Working Group on Climate Change
- ✓ 4 cross-cutting areas:
 - Science, Assessment, Monitoring and Early Warning: WMO, UNESCO
 - Supporting Global, Regional and National Action: UNDP, UNDESA, UN Regional Commissions
 - Public Awareness: UNEP, UN Communications Group
 - Climate Neutral UN: UNEP

Capacity building for sustainable development

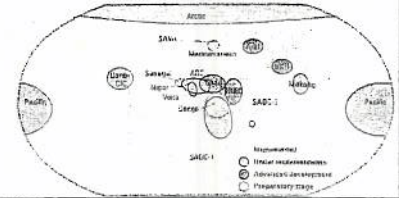
- ✓ Need for sustainable development
- ✓ Sustained observation systems for climate data & disaster risk reduction
- ✓ Regional climate forums
- ✓ Training, fellowships & continuing education
- ✓ WMO Voluntary Cooperation Programme (VCP)
- ✓ WMO Programme for LDCs
- ✓ Women in meteorology & hydrology



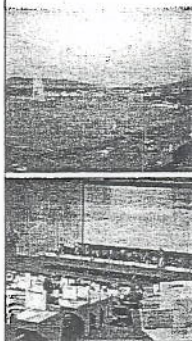
A key role of the UN System

Integrated water resources management

- ✓ WMO Flood Forecasting Initiative
- ✓ WMO Associated Programme on Flood Management (APFM)
- ✓ WHYCOS



An opportunity: the World Climate Conference-3



- ✓ Geneva, CIGG, 31 August - 4 September 2009
- ✓ Theme: "Climate prediction and information for decision-making"
- ✓ Expected outcome: A Global Framework for Climate Services
- ✓ 2 segments:
 - Expert: 31 August - 2 September 2009
 - High-Level: 3-4 September 2009
- ✓ Derived benefits for all sectors
 - Health
 - Food security
 - Disaster risk reduction
 - Water resources management,...

World Climate Conference-3
Geneva, 31 August - 4 September 2009

Thank you

