

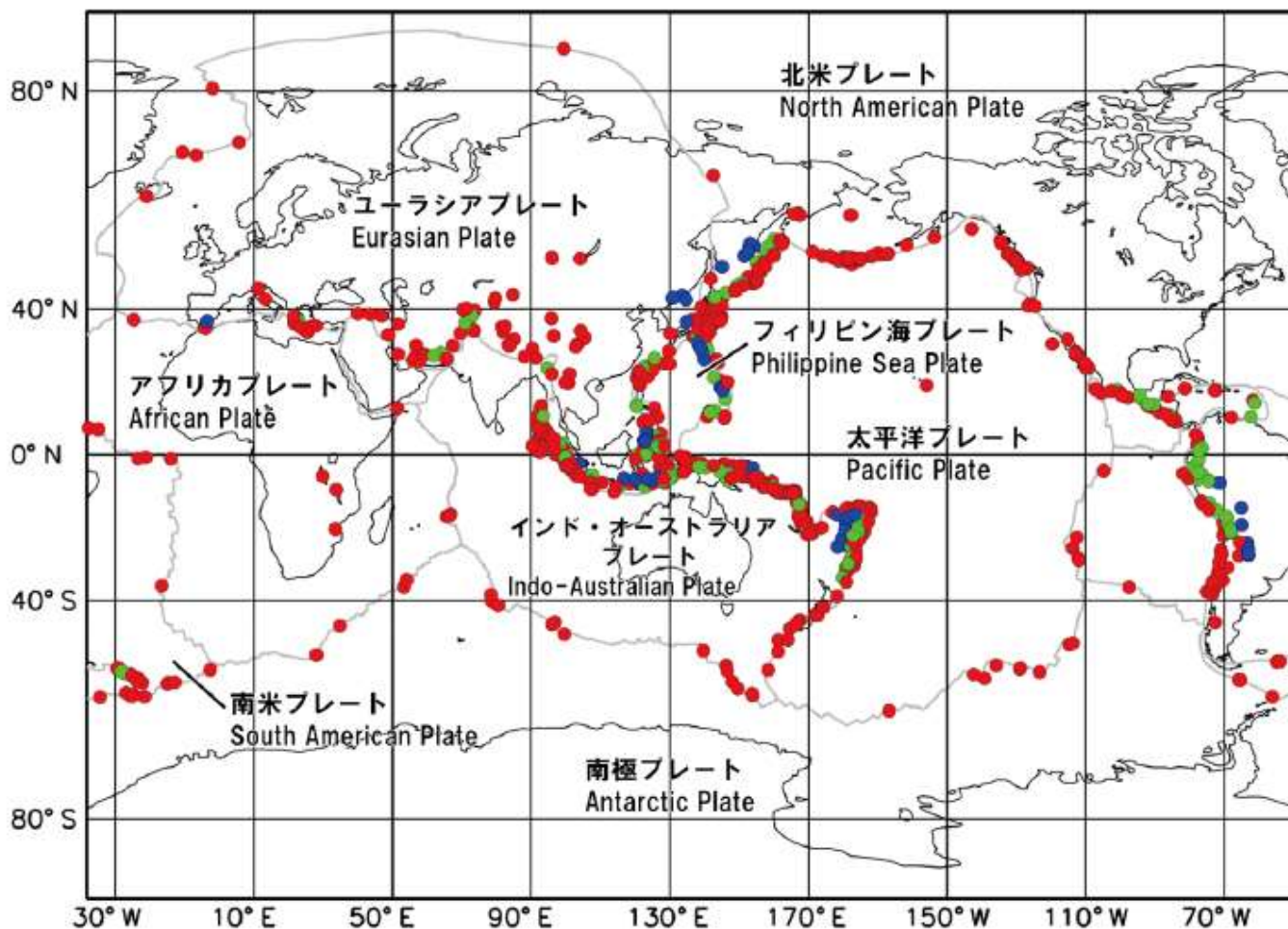
**The role of international cooperation in the
implementation of
the Sendai Framework for DRR**

- Building Disaster Resilient Societies—

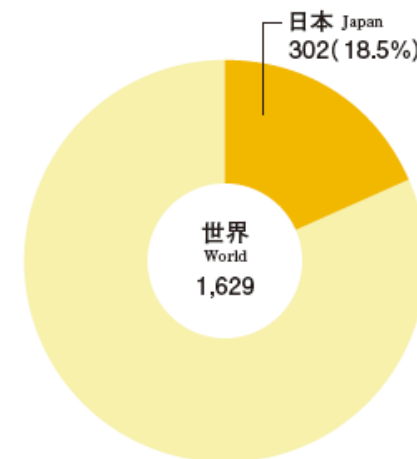
**Japan International Cooperation Agency, JICA
June 2016**

Americas and Japan share many common issues

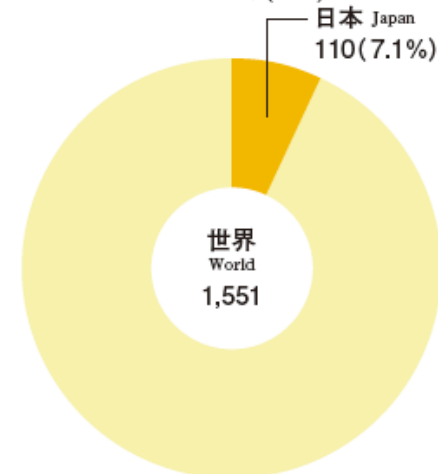
世界の震源分布とプレート World Geographical Distribution of Hypocenter



マグニチュード6.0以上の地震回数 (2004年~2013年)
Number of earthquakes with magnitude of 6.0 or greater (2004-2013)



活火山数 (2014年現在)
Number of active volcanos (2014)



Source: DRR White Paper, Cabinet Office, Japan

Chile Earthquake and Tsunami in 1960



The Tsunami at Orugawa Railway Station, Miyagi
taken by M. Kodzō.



Natural Disaster and Disaster Risk Reduction

- ◆ After the year 2000, 1 million were killed, 3 billion were affected by natural disasters.
- ◆ 90% of victims lived in developing countries.
- ◆ US\$ 1.68 trillion economic losses were caused by the major intensive global disasters from 2001 to 2011.
- ◆ Amid increase in natural disaster, “Disaster Risk Reduction” is inevitable for sustainable development.

Tsunami in the Indian Ocean



Cyclone in Myanmar



Great flood in Thailand

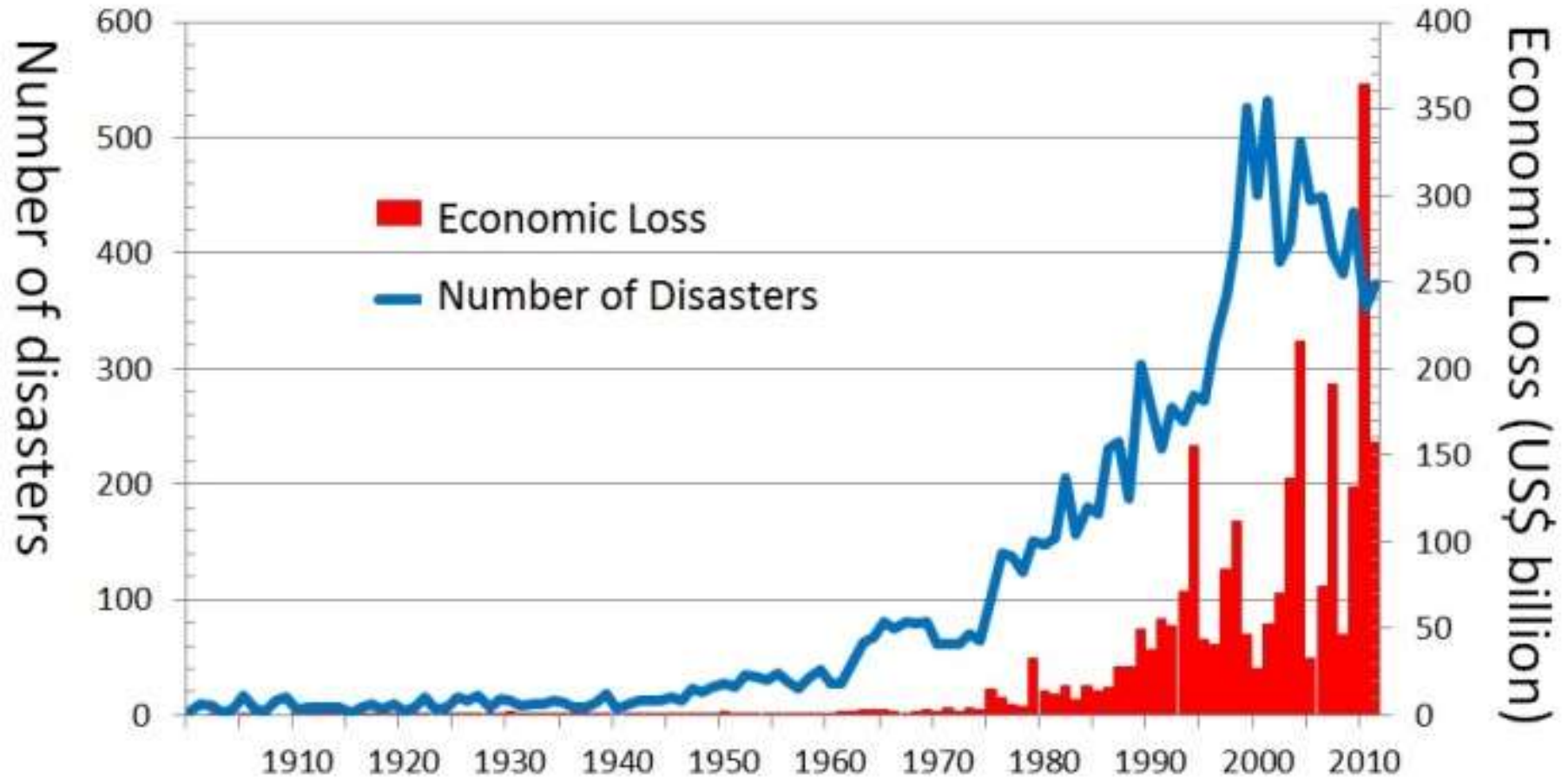


Haiti earthquake



Increase in Natural Disasters

Number of Disasters and Economic Loss

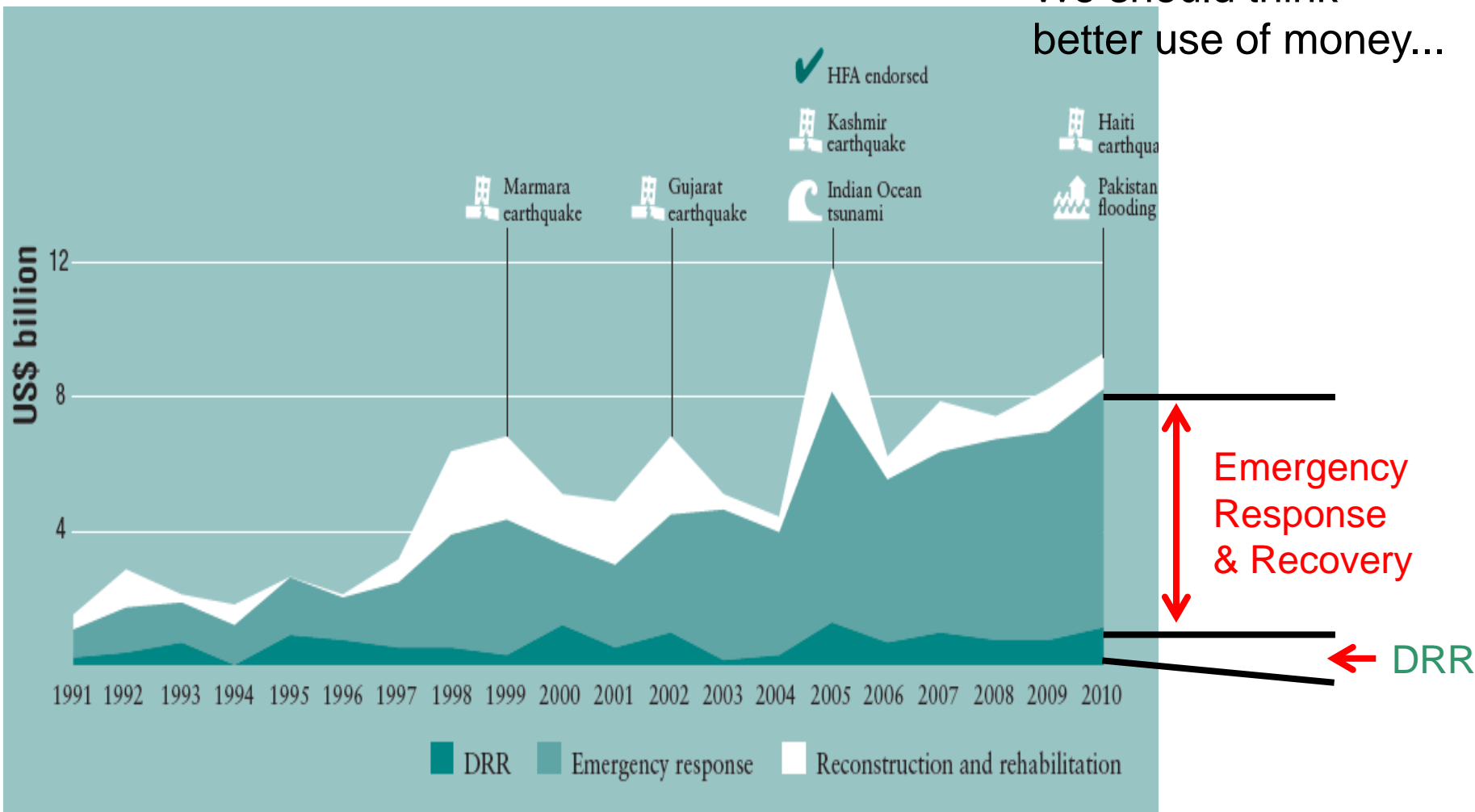


Source: EM-DAT

Most of the disaster related assistance are allocated to response and reconstruction after disasters

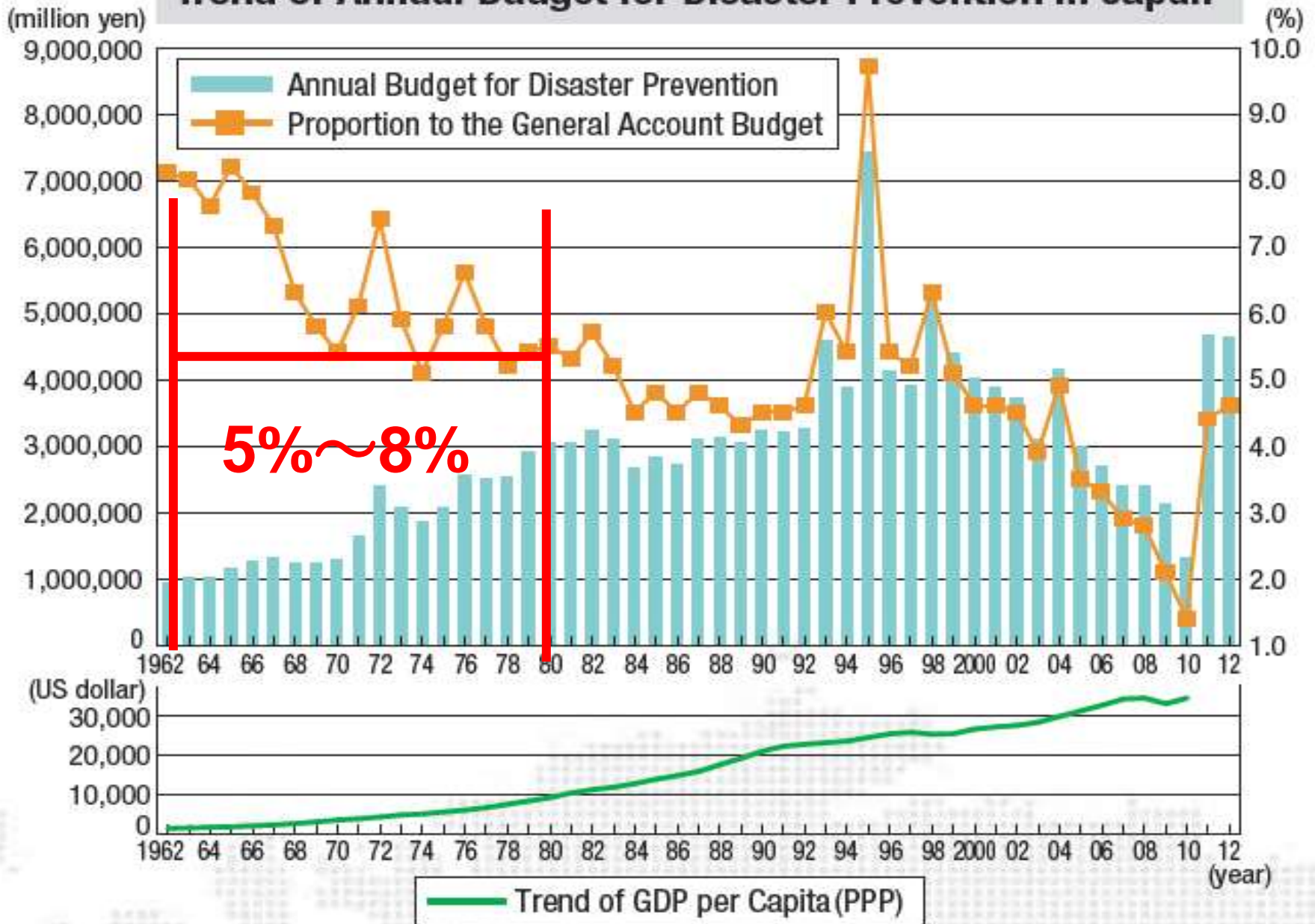
Disaster Related Financing, 1991-2010

We should think better use of money...



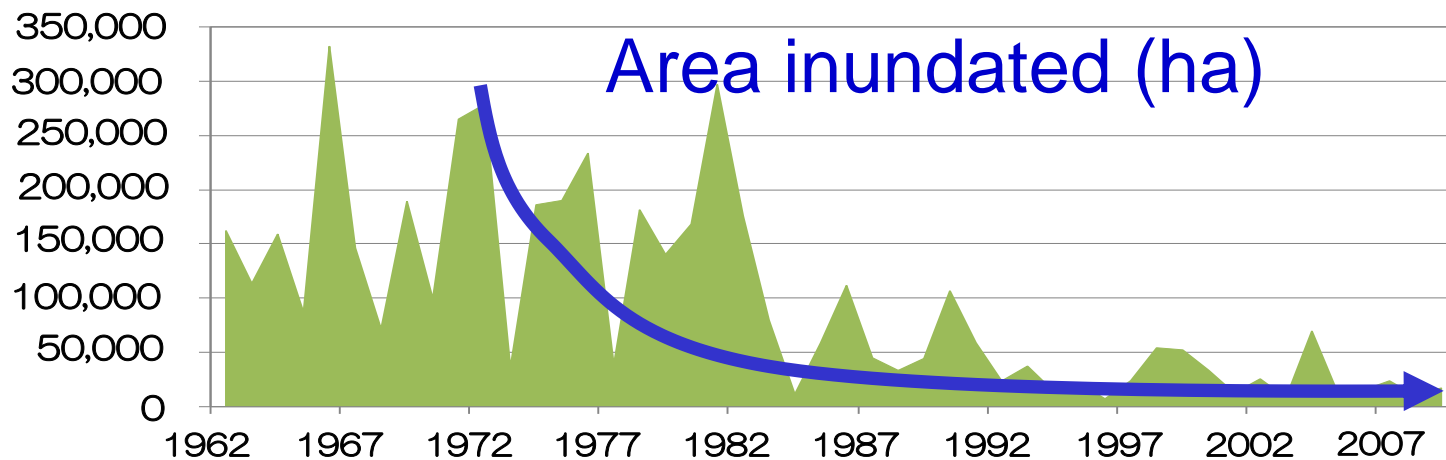
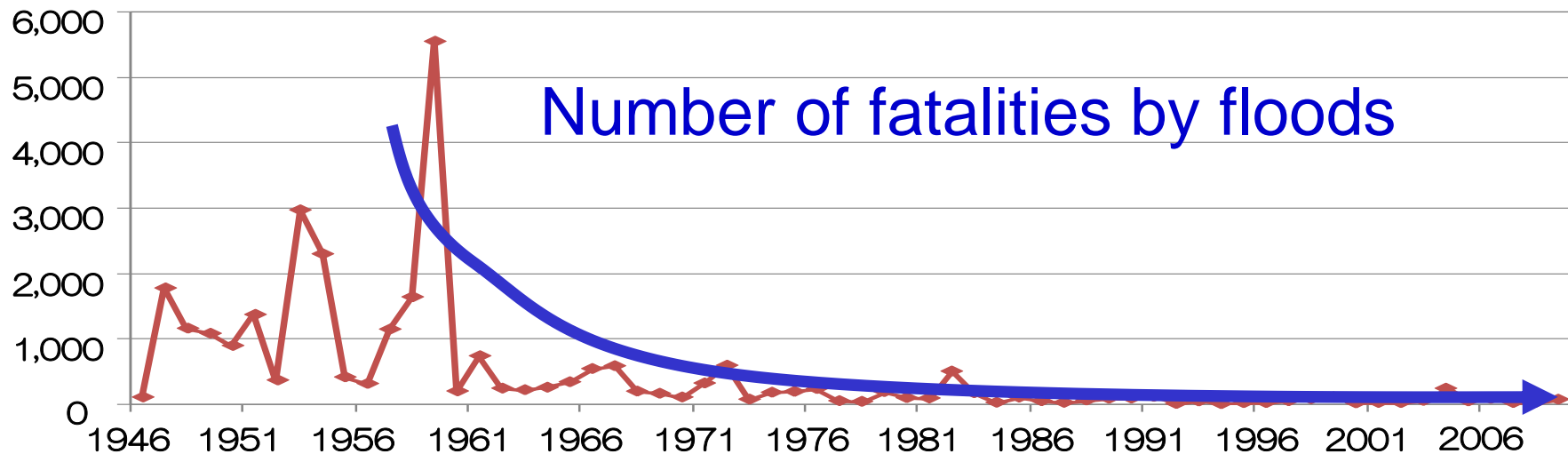
Source: GFDRR and ODI (2013)

Trend of Annual Budget for Disaster Prevention in Japan



(Source) the Cabinet office

Reduction of flood damages in Japan by continuous investment



Number of fatalities and inundation area have dramatically been reduced in Japan due to continuous investment in and efforts for flood mitigation.

Mainstreaming Disaster Risk Reduction

1. To prioritize DRR in national policies
2. To apply DRR consideration on every single development sectors
3. To make prior investments in DRR



Accurate data and information are essential

Priority 1: Understanding disaster risk



**Youth Champion event
in Grenada**

**DRR Education
(Central America)**

Priority 2: Strengthening disaster risk governance to manage disaster risk



**Joint Mission at Iquique,
Chile**



**Damage Inspection at
Talcahuano, Chile**

Priority 3: Investing in disaster risk reduction for resilience



Drainage well in Honduras



Damage on Route 7 after a landslide (Bolivia)

Priority 4: Enhancing disaster preparedness for effective response, and to “Build Back Better” in recovery, rehabilitation and reconstruction



Reconstruction Program in Haiti



Shoulder protection works at National Road 7 in Bolivia

Working with Partners



Partnership with UNDP



Partnership with UNISDR

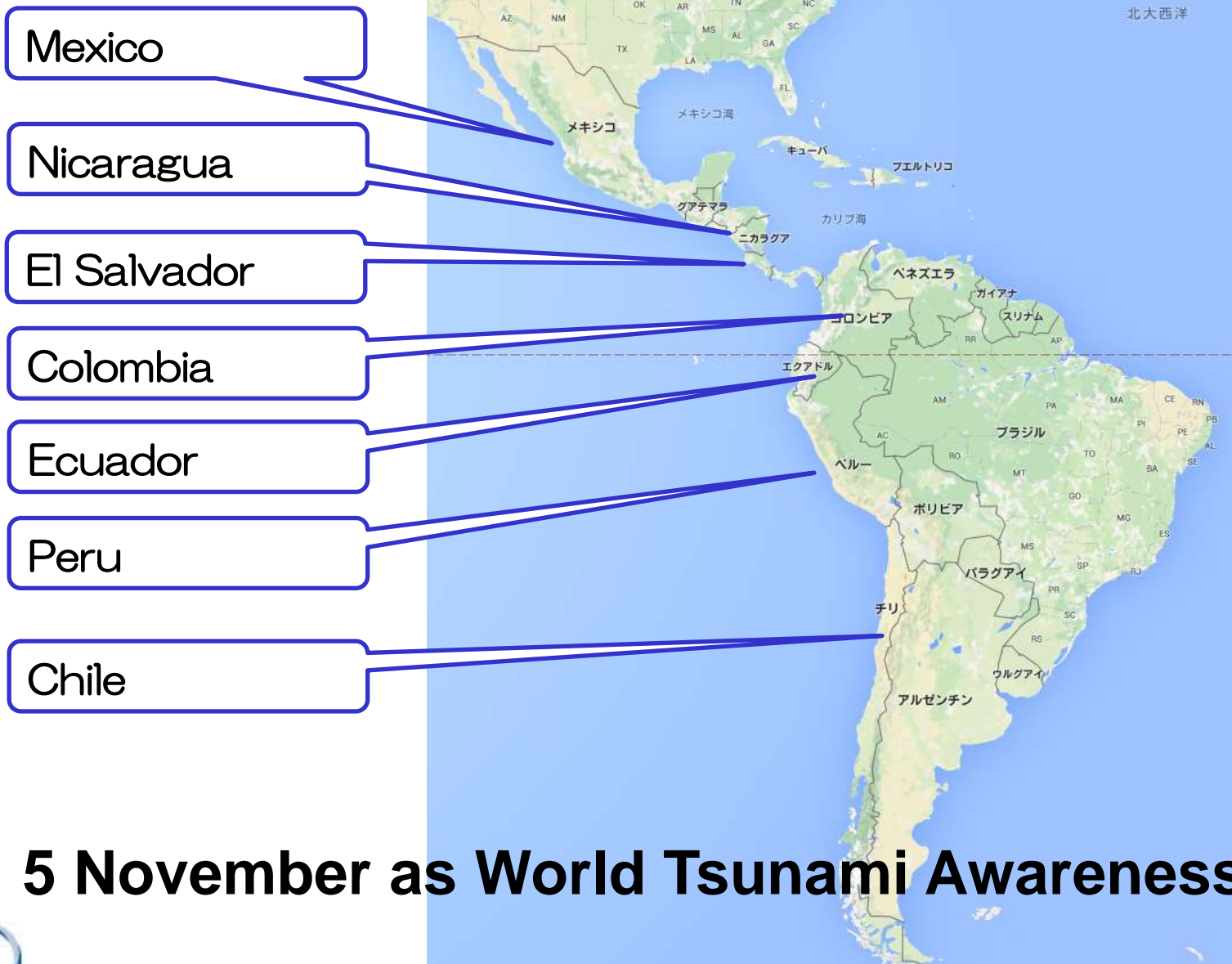


**Meeting of Minister Martinez
with President of JICA**



**Prime Minister Shinzo Abe with President
Michelle Bachelet
(Photo: Presidencia de Chile)**

Cooperation for Tsunami Disaster



5 November as World Tsunami Awareness Day.

Thank you very much for your attention.

