

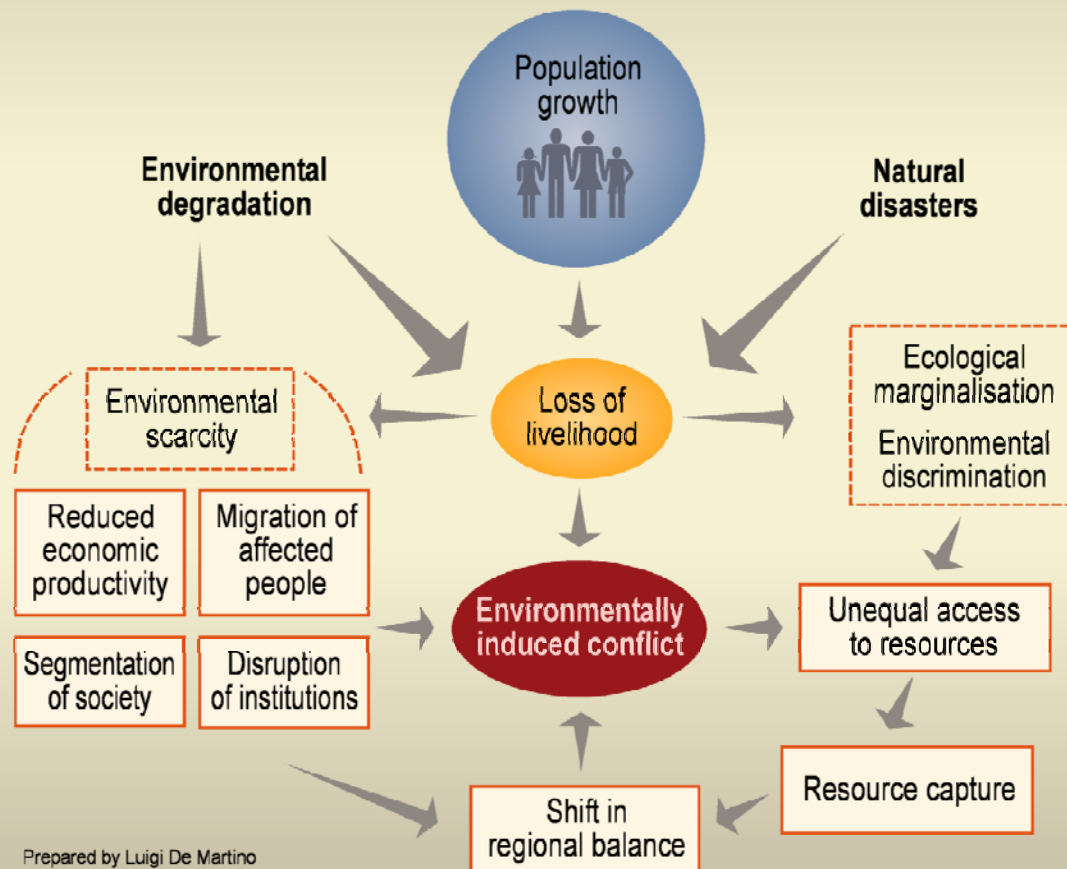
Climate change impacts as threat
multiplier: to communal tension/ internal
conflicts in Northeast/Southeast Asia

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Climate conflict: background

- 2006 Stern report - risks of major disruption
- 2007 UK Ministry of Defence – new sources of insecurity and tension
- Ban Ki-Moon - major driver of war and conflict
- April 2007, CNA Corporation - significant threat to US national security interests
- IISS – existential security threat
- Nobel Peace Committee - increased dangers of violent conflicts and wars

Causal pathway of conflict over natural resources

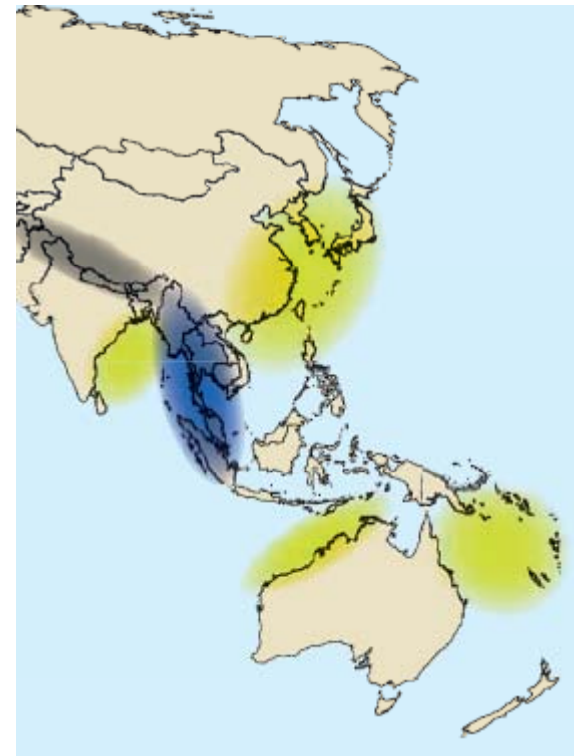
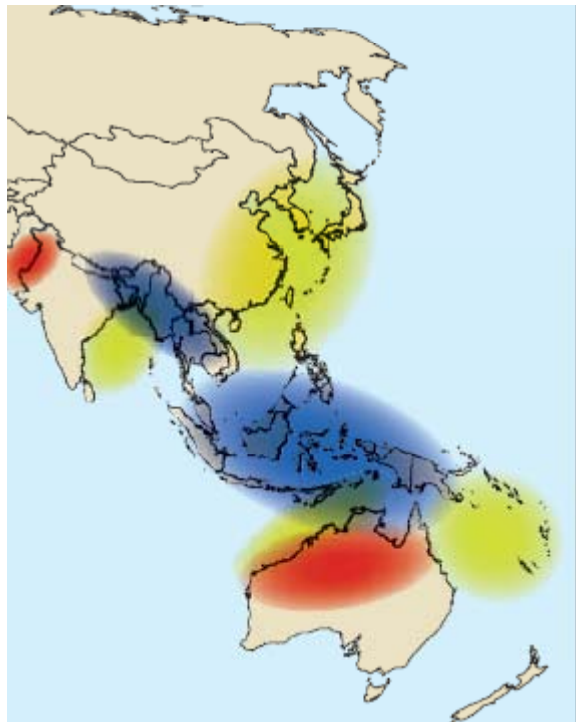


Climate conflict triggers?

- competition for scarce resources (including water and energy)
- food insecurity,
- Climate migration pressures
- contraction of livelihood choices,
- risks to critical infrastructure,
- overstretch of societies' adaptive capacities,
- politics of resentment


States and societies more likely to be prone to violent conflict

- process of political transition
- low level of economic development and wide social disparities
- large population or a high population density
- border on a neighbouring country in which a violent conflict is being waged
- have experienced violent conflict in recent past on their own territory



 Drought

 Tropical storms

 Extreme precipitation

 Glacier melt

Source: German Advisory Council on Global Change (WBGU) Climate change as a security risk, 2008



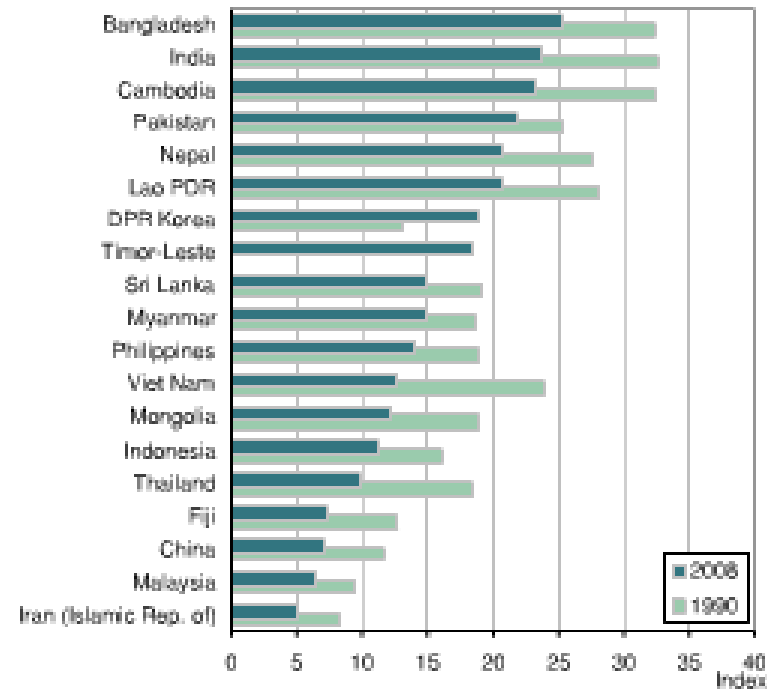
Map key:

- A: States facing a high risk of armed conflict as a knock-on consequence of climate change
- B: States facing a high risk of political instability as a knock-on consequence of climate change
- C: Other states

Source: Smith and Vivekananda, A climate of conflict: the links between climate change, peace and war (International Alert, 2007)


Food security

Figure I-5 – Global hunger index, 1990 and 2008



Source: von Grebmer, K. and others (2008). *Global Hunger Index. The Challenge of Hunger 2008* (Bonn, Washington, D.C. and Berlin, Germany: World Hunger Alliance, International Food Policy Research Institute).

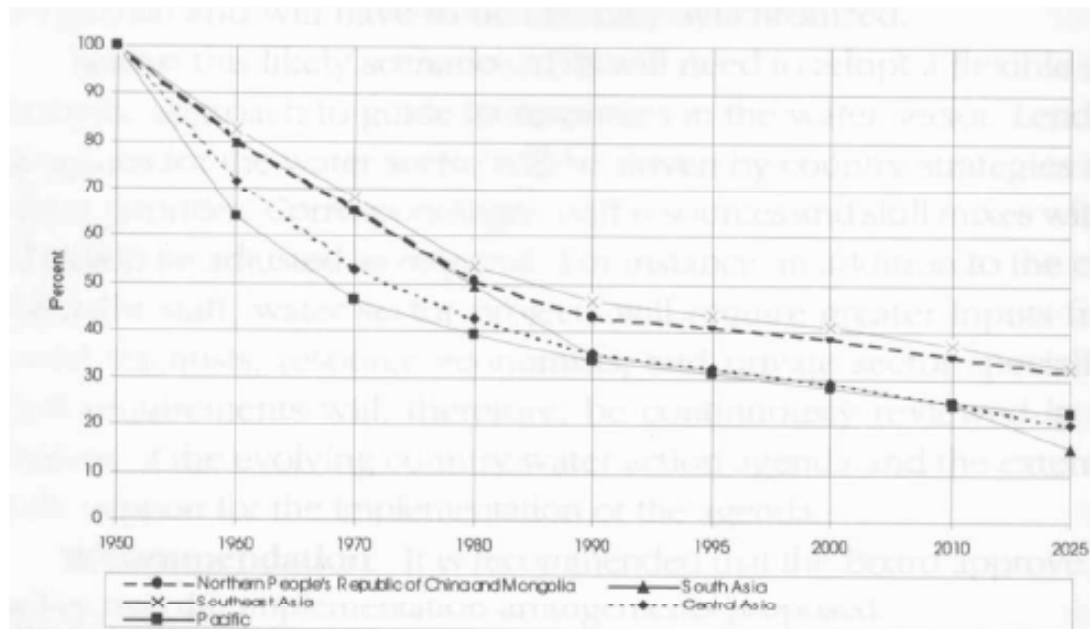
Hunger ‘hotspots’

 **Table I-4 – Food insecurity in Asia and the Pacific, country hotspots**

Afghanistan	Nepal
Armenia	New Caledonia
Azerbaijan	Pakistan
Bangladesh	Papua New Guinea
Cambodia	Philippines
Democratic People's Republic of Korea	Solomon Islands
Georgia	Sri Lanka
India	Tajikistan
Indonesia	Thailand
Lao People's Democratic Republic	Timor-Leste
Maldives	Uzbekistan
Mongolia	Vanuatu
Myanmar	Viet Nam

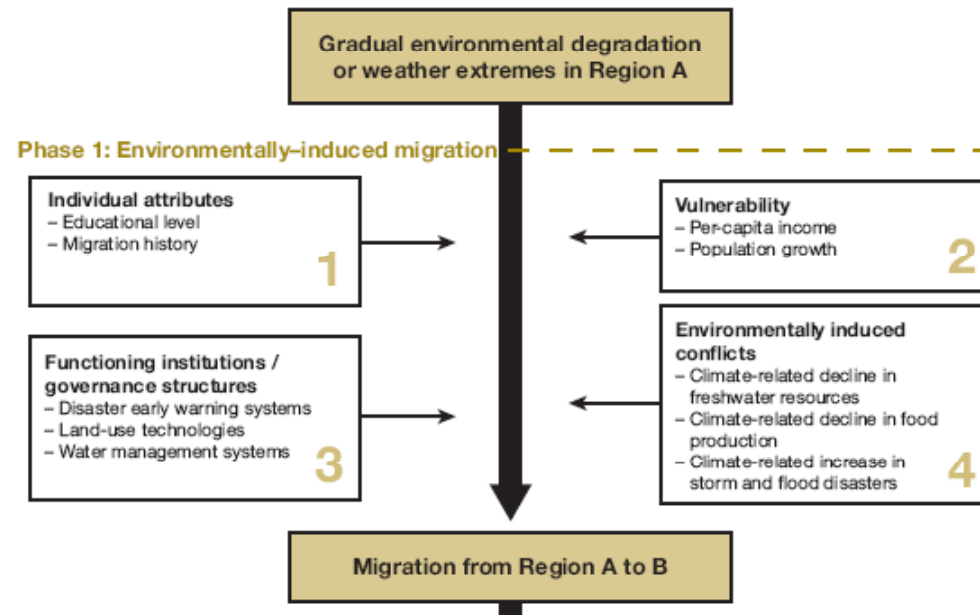
Water stress

Figure 1: Decline in Water Resource Per Capita (1950-2025)

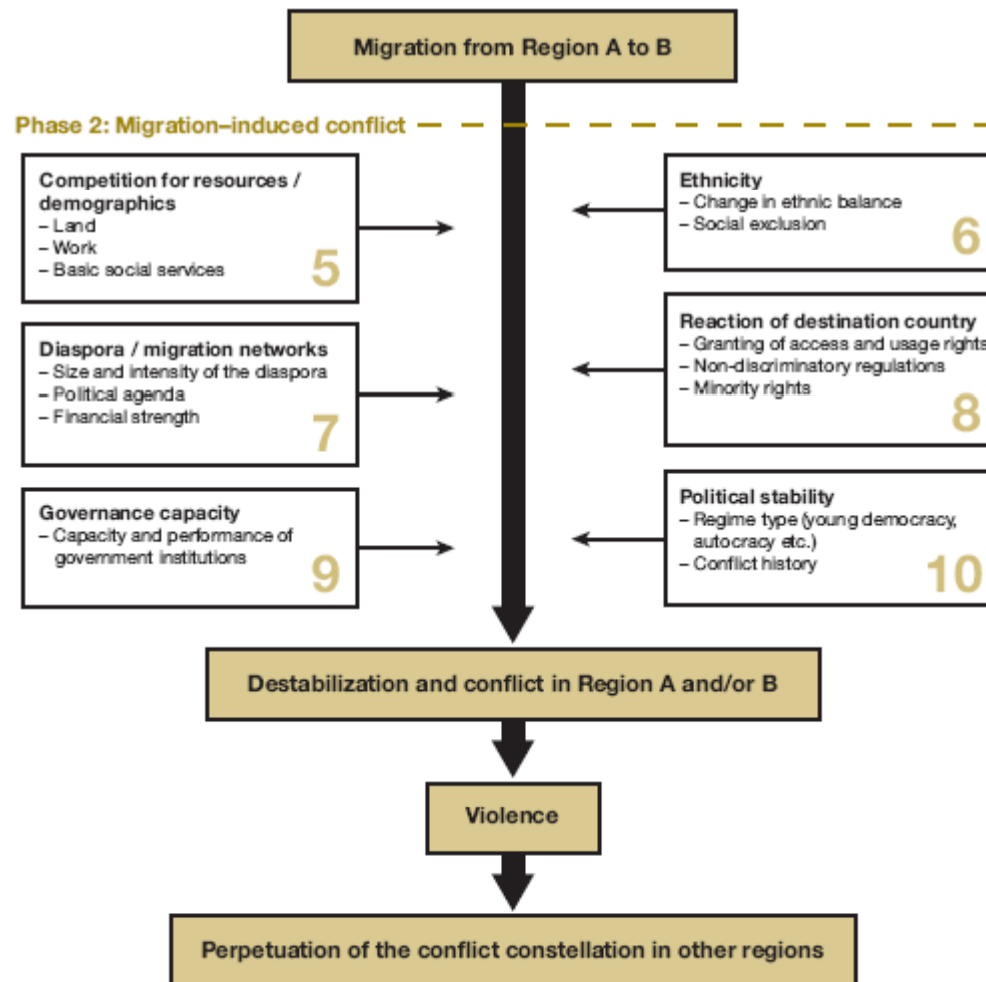


Source: Asian Development Bank, "Water for All: The Water Policy of the Asian Development Bank"

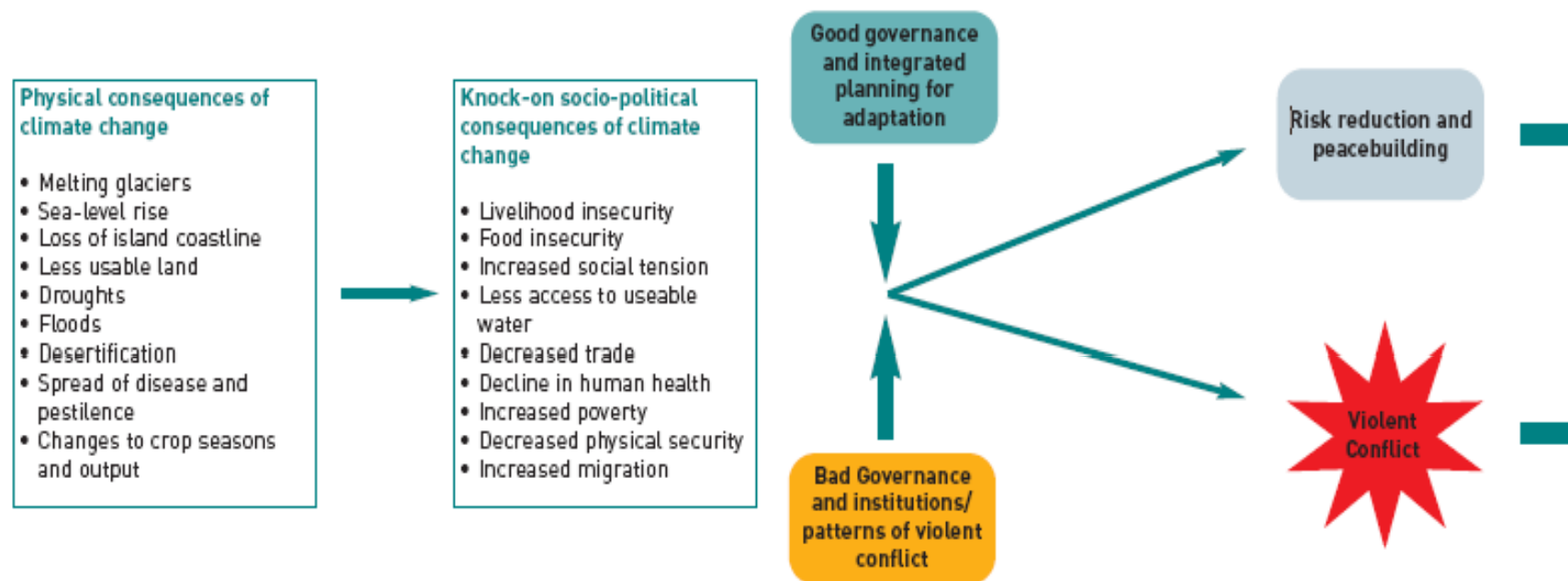
Conflict constellation: 'Environmentally induced migration': Key factors and interactions



Source: German Advisory Council on Global Change (WBGU) Climate change as a security risk, 2008



The Impact of Climate Change: Two possible roads ahead



Source: Smith and Vivekananda, A climate of conflict: the links between climate change, peace and war (International Alert, 2007)

