

WRITE SHOP – 15. & 16.07.2012

Grey literature background documents and papers that should be developed before the workshop and be presented there as well as further developed into a peer-reviewed paper:

- ❖ Existing guidelines (English)
- ❖ Documents on:
 - Environmental degradation and land subsidence
 - Socioeconomic transformation processes and urbanization
 - Risk management, adaptation and governance community based approaches

Subgroup papers:

Working Group I: Drivers of Risks in Coastal Zones and Development Pathways

Jan Sopaheluwakan / LIPI; Claudia Bach /UNU-EHS

- Etkin, D. (1999): Risk transference and related trends: driving forces towards more mega-disasters. *Environmental Hazards*, 1:2, 69-75.
- Gaillard, J.-C., Liamzon, C.C., Villanueva, J.D. (2007): 'Natural' disaster? A retrospect into the causus of the late-2004 typhoon disaster in Eastern Luzon, Philippines. *Environmental Hazards*, 7, 257-270.
- Kelman, I. (2008): Addressing the root causes of large-scale disasters. In: Gad-el-Hak: Large-scale Disasters – Prediction, Control, and Mitigation.
- Oxley, M. (2011): Field note from Pakistan floods: Preventing future flood disasters, *Journal of Disaster Risk Studies*, 3:2, pp. 453–461.
- Pelling, M. (2007): Urbanization and Disaster Risk. Panel contribution to the Population-Environment Research Network, Cyberseminar on Population and Natural Hazards (November 2007).
- Sekovski, I., Newton, A., Dennisson, W. C. (2012): Megacities in the coastal zone: Using a driver-pressure-state-impact-response framework to address complex environmental problems, *Estuarine, Coastal and Shelf Science*, 96, pp. 48–59.
- UNISDR (2009): Global assessment report on disaster risk reduction. Chapter 4: the underlying risk factors.
<http://www.preventionweb.net/english/hyogo/gar/report/index.php?id=9413&pid:34&pif:3>.

Working Group II: Scenarios for Risk and Vulnerability under Different Development Pathways

Jakob Rhyner / Vice-Rector UNU and Director UNU-EHS; Joern Birkmann /UNU-EHS; Bas van Ruijven /NCAR

- Cole, S. (2007): Dare to Dream: Bringing Futures into Planning, *Journal of the American Planning Association*, 67:4, pp. 372-383.
- Cutter, S.L. and C. Finch (2008): Temporal and spatial changes in social vulnerability to natural hazards. *Proceedings of the National Academy of Sciences*, 105(7), 2301-2306.
- Dalton, L. C. (2001): Thinking about Tomorrow Bringing the Future to the Forefront of Planning , *Journal of the American Planning Association*, 67:4, 397-401.
- Jones, R. (2010): The use of scenarios in adaptation planning: managing risks in simple to complex settings, VCCCAR Scenarios for Climate Adaptation Working Paper.
- Gallopin, G. C.; Hammond, A.; Raskin, P.; Swart, R. (1997): *Branch Points: Global Scenarios and Human Choice*. Stockholm, Sweden; SEI.
- Hallegatte, S., Przulski, V. and A. Vogt-Schilb (2011): Building world narratives for climate change impact, adaptation and vulnerability analyses, *Nature Climate Change*, DOI: 10.1038/NCLIMATE1135.
- IPCC (2012): *Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation*. A Special Report of Working Groups I and II of the Intergovernmental Panel on Climate Change [Field, C.B., V. Barros, T.F. Stocker, D. Qin, D.J. Dokken, K.L. Ebi, M.D. Mastrandrea, K.J. Mach, G.-K. Plattner, S.K. Allen, M. Tignor, and P.M. Midgley (eds.)]. Cambridge University Press, Cambridge, UK, and New York, NY, USA.
- Moss, R. H., Edmonds, J. A., Hibbard, K.A., Manning, M. R., Rose, S. K., van Vuuren, D. P., Carter, T. R., Emori, S. Kainuma, M., Kram, T., Meehl, G. A., Mitchell, J. F. B., Nakicenovic, N., Riahi, K., Smith, S. J., Stouffer, R. J., Thomson, A.M., Weyant, J. P. & T. J. Wilbanks (2010): The next generation of scenarios for climate change research and assessment, *Nature*, Vol. 463:11, pp. 747-756.
- O'Neill, B. and V. Schweizer (2011): Mapping the road ahead, *Nature Climate Change*, news and views, advance online publication.
- Sekovski, I., Newton, A., Dennisson, W. C. (2012): Megacities in the coastal zone: Using a driver-pressure-state-impact-response framework to address complex environmental problems, *Estuarine, Coastal and Shelf Science*, Vol. 96, pp. 48-59.
- Storch, H. and N.K. Downes (2011): A scenario-based approach to assess Ho Chi Minh City's urban development strategies against the impact of climate change. In *Cities In Press*, Corrected Proof:-ff.
- Popp, R. (Ed.) (2009): *Zukunftsforschung und Zukunftsgestaltung*. Beiträge aus Wissenschaft und Praxis. Berlin, Heidelberg: Springer.
- van Vuuren, D. P., Riahi, K., Moss, R., Edmonds, J., Thomson, A., Nakicenovic, N., Kram, T., Berkhout, F., Swart, R., Janetos, A., Rose, S. K. and N. Arnell (2012): A proposal for a new scenario framework to support research and assessment in different climate research communities, *Global Environmental Change*, 22, pp. 21-35.
- Wilson, E. (2009): Use of Scenarios for Climate Change Adaptation in Spatial Planning. In Simin Davoudi, Jenny Crawford, Abid Mehmood (Eds.): *Planning for climate change*. London: Earthscan: 223-235ff.

Working Group III: Adaptation Options and Limitations and the Role of Development Pathways

Terry, Cannon/IDS, Irina Rafliana/ LIPI; Hassan Virji/ START

- Adger, W. N.; Arnell, N.; Tompkins, E. (2005): Successful adaptation to climate change across scales, *Global Environmental Change*, 15 (2),77-86ff.
- Eriksen, S.; Aldunce, P.; Bahinipati, C. S.; Martins, R. D.; Molefe, J. I.; Nhemachena, C. et al. (2011): When not every response to climate change is a good one: Identifying principles for sustainable adaptation. In *Climate and Development* 3 (1):7–20ff.
- Firus, K., Fleischhauer, M., Greiving, S., Grifoni, P. and T. Stickler (2011): Planning and implementing communication and public participation processes in flood risk management, IMRA.
- Greiving, S., Pratzler-Wanczura, S., Sapountzaki, K., Ferri, F., Grifoni, P., Firus, K. and G. Xanthopoulos (2012): Linking the actors and policies throughout the disaster management cycle by "Agreement on Objectives" – a new output-oriented management approach, *Natural Hazards and Earth System Sciences*, 12, 1085–1107.
- Greiving, S., Fleischhauer, M., Osenberg, H., Schön, K. P. and A. Perner (Eds.) (2010): National strategies of European countries for climate change adaptation: A review from a spatial planning and territorial development perspective, German Federal Ministry of Transport, Building and Urban Development (BMVBS), Bonn.
- Mc Kenzie, M.; Hedger Tom Mitchell Jennifer Leavy Martin Greeley and Lisa Horrock (2008): Evaluating Climate Change Adaptation from a Development Perspective. Institute of Development Studies. Brighton, UK (IDS Research Summary).
- Ministry of the Environment Japan (2009): Global Warming Impacts on Japan - Long-Term Climate Stabilization Levels and Impact Risk Assessment, available via: http://www.nies.go.jp/s4_impact/pdf/S-4_report_2009eng.pdf.
- Moench, M., Tyler, S. and J. Lange (Eds.) (2011): Catalyzing Urban Climate Resilience - applying resilience Concepts to Planning Practice in the aCCCrn Program (2009–2011), Institute for Social and Environmental Transition (ISET), available via: http://www.accrn.org/sites/default/files/documents/ISET_Report_CatalyzingUrbanClimateResilience.pdf
- Prasad, N., Ranghieri F., Shah, F., Trohanis, Z., Kessler, E. and R. Sinha (2009): Climate Resilient Cities: A Primer on Reducing Vulnerabilities to Disasters, The World Bank, Washington D.C., available via: http://siteresources.worldbank.org/INTEAPREGTOPURBDEV/Resources/Primer_e_book.pdf.
- Smit, B.; Pilifosova, O. (2003): Adaptation to climate change in the context of sustainable development and equity. In *Sustainable Development* 8 (9):9-28ff.
- UNDP [United Nations Development Programme], UNEP [United Nations Environment Programme], The World Bank and WRI [World Resource Institute] (2011): World Resource Report 2010-2011: Decision-making in a changing climate. Adaptation Challenges and Choices, Washington D.C., available via: http://www.cakex.org/sites/default/files/world_resources_report_2010-2011.pdf.
- UNESCAP [United Nations Economic and Social Commission for Asia and the Pacific] & UNISDR [United Nations International Strategy for Disaster Reduction] (2010): Protecting Development Gains: Reducing Disaster Vulnerability and Building Resilience in Asia and the Pacific, Bangkok, available via: <http://www.unescap.org/idd/pubs/Asia-Pacific-Disaster-Report%20-2010.pdf>.
- UNESCAP [United Nations Economic and Social Commission for Asia and the Pacific] & UNHABITAT [United Nations Human Settlements Programme] (2010): The State of Asian Cities 2010/11, Fukuoka, available via: <http://www.unhabitat.org/pmss/listItemDetails.aspx?publicationID=3078>.
- Villanueva, P. S. (2011): Learning to ADAPT: monitoring and evaluation approaches in climate change adaptation and disaster risk reduction – challenges, gaps and ways forward. Strengthening Climate Resilience (SCR) (SCR Discussion Paper, 9).

- Reports on the ESPON Climate Project: Climate Change and Territorial Effects on Regions and Local Economies can be found via:
http://www.espon.eu/main/Menu_Projects/Menu_AppliedResearch/climate.html

Working Group IV: Ecosystem Services and Development Pathways in Coastal Zones

Fabrice Renaud / UNU-EHS; Arisetiarso Soemodinoto / TNC

- ADPC [Asian Disaster Preparedness Centre] (2010): Flood preparedness initiatives of high-risk communities of Jakarta, *Safer Cities*, 27.
- Case, M., Ardiansyah, F. and E. Spector (n.a.): Climate Change in Indonesia - Implications for Humans and Nature, World Wide Fund For Nature (WWF).
- C4O (n.a.): KvK Hotspot Jakarta: Flood risk and Damage Assessment, Connecting Delta Cities.
- Kusmana, C. (2012): Management of Mangrove Ecosystem in Indonesia, Workshop on Mangrove Re-plantation and Coastal Ecosystem Rehabilitation at the Faculty of Forestry Gadjah Mada University, Yogyakarta, Indonesia, 7th February 2012.
- Global Environment Centre, Wetlands International Indonesia and NORDECO [Nordic Agency for Development and Ecology] (2005): Preliminary Assessment on Impacts of the Tsunami on Coastal Ecosystems and Associated Livelihoods in Aceh Province, Indonesia.
- IGES [Institute for Global Environmental Strategies] (2008): Re-uniting Climate Change and Sustainable Development, available via: http://enviroscope.iges.or.jp/modules/envirolib/upload/1565/attach/fulltext_white_paper2_e.pdf
- Jaweesh, M. (2010): City Water Balance A new scoping model for Alexandria, School of Earth Sciences University of Birmingham, Submitted in partial fulfilment of the requirements for an MSc in Hydrogeology.
- UNEP [United Nations Environment Programme] (2003): Groundwater and its susceptibility to degradation: A global assessment of the problem and options for management, Nairobi.
- Wetlands International Indonesia Programme and UNEP [United Nations Environment Programme] (2006): Study of Lessons Learned from Mangrove/Coastal Ecosystem Restoration Efforts in Aceh since the Tsunami, Bogor.

A lot of different case studies on reef resilience can be found via:

<http://reefresilience.org/>