

# OUR WORK ON CLIMATE CHANGE UN UNIVERSITY



## UNU Climate Change-Related Publications

*A Selection of Electronically Available Publications, December 2010*

### ABOUT THIS DOCUMENT

This document provides bibliographical data on the files found within this digital archive. The list below comprises selected electronically available publications relating to climate change, produced by UNU researchers. The publications cover a period of approximately two years, covering research published from 2008 to 2010.

The documents have been categorized by publication type, which we hope will facilitate your exploration of our research. Included herein are selected book chapters, research and policy briefs, reports, and various institutional publications. Peer-reviewed journal articles and other publications which are copyright restricted have also been included in this list. You may access the full source via the publisher's website, which has been provided below these entries.

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Website: www.unwater.unu.edu

## BACKGROUND PAPERS

- Collington, S. (2010): **Developing Adequate Humanitarian Responses**. Background Papers of the Study Team on Climate Change and Migration, German Marshall Fund (UNU-EHS Co-Chair).
- Laczko, F. (2010): **Migration, the Environment and Climate Change: Assessing the Evidence**. Background Papers of the Study Team on Climate Change and Migration, German Marshall Fund (UNU-EHS Co-Chair).
- Leighton, M. (2010): **Climate Change and Migration: Key Issues for Legal Protection of Migrants and Displaced Persons**. Background Papers of the Study Team on Climate Change and Migration, German Marshall Fund (UNU-EHS Co-Chair).
- Martin, S. (2010): **Climate Change and International Migration**. Background Papers of the Study Team on Climate Change and Migration, German Marshall Fund (UNU-EHS Co-Chair).
- Martin, P. (2010): **Climate Change, Agricultural Development, and Migration**. Background Papers of the Study Team on Climate Change and Migration, German Marshall Fund (UNU-EHS Co-Chair).
- Warnecke, A.; Tänzler, D.; Vollmer, R. (2010): **Climate Change, Migration and Conflict: Receiving Communities under Pressure?** Background Papers of the Study Team on Climate Change and Migration, German Marshall Fund (UNU-EHS Co-Chair).
- Warner, K. (2010): **Assessing Institutional and Governance Needs Related to Environmental Change and Human Migration**. Background Papers of the Study Team on Climate Change and Migration, German Marshall Fund (UNU-EHS Co-Chair).

## BOOKS / BOOK CHAPTERS

- Afifi, T.; Jäger, J. (Eds.) (2010): **Environment, Forced Migration and Social Vulnerability**. Springer-Verlag: Berlin.  
(Available at: <http://www.springer.com/>)
- Afifi, T. (2010): **The Environmental Root Causes Triggering Economic Migration: The Case of Egypt**. In: Afifi, T.; Jäger, J. (Eds.): *Environment, Forced Migration and Social Vulnerability*. Springer-Verlag: Berlin, Germany.  
(Available at: <http://www.springer.com/>)
- Fernando, N.; Warner, K.; Birkmann, J. (2010): **Migration and Natural Hazards: Is Relocation a Secondary Disaster or an Opportunity for Vulnerability Reduction?** In: Afifi, T.; Jäger, J. (Eds.): *Environment, Forced Migration and Social Vulnerability*. Springer-Verlag: Berlin, Germany.  
(Available at: <http://www.springer.com/>)
- Herath, S.; Wang, Y. (2008): **Case Studies and National Experiences**. In: Sassa, K.; Canuti, P. (Eds.): *Landslides – Disaster Risk Reduction*, Springer-Verlag: Berlin, Germany.  
(Available at: <http://www.springer.com/>)
- Surjan, A.; Redkar, S.; Shaw, R. (2009): **Community-Based Urban Risk Reduction: Case of Mumbai**. In: Shaw, R. (Ed.): *Urban Risk Reduction: An Asian Perspective*. Emerald Group Publishing Limited, pp.339–354.  
(Available at: <http://www.emeraldinsight.com/>)
- Surjan, A.; Shaw, R. (2009): **Urban Risk Reduction**. In: Shaw, R.; Krishnamurthy, R. (Eds.): *Disaster Management: Global Challenges and Local Solutions*. Universities Press India Limited.  
(Available at: <http://www.crcpress.com/>)
- Surjan, A.; Prasanta, M. (2010): **Green Agenda in Indian Context: Reflections from Eco-City Experiences in Puri, India**. In: Tang, Z. (Ed.): *Eco-City and Green Community: The Evolution of Planning Theory and Practice*. Nova Science, USA.  
(Available at: <http://www.novapublishers.com/>)
- Warner K. (2010): **Economics and Social Vulnerability: Dynamics of Entitlement and Access**. In: Brauch, H.G.; Oswald Spring, U.; Mesjasz, C.; Grin, J.; Kameri-Mbote, P.; Chourou, B.; Dunay, P.; Birkmann, J. (Eds.): *Coping with Global Environmental Change, Disasters and Security – Threats, Challenges, Vulnerabilities and Risks*. Hexagon Series on Human and Environmental Security and Peace, vol. 5. Springer-Verlag: Berlin, Germany.  
(Available at: <http://onlinelibrary.wiley.com/>)
- Warner, K.; Spiegel, A. (2009): **Climate Change and Emerging Markets: The Role of the Insurance Industry in Climate Risk Management**. The Geneva Reports Risk and Insurance Research.
- Warner, K.; Stal, M.; Dun, O.; Afifi, T. (2009): **Researching Environmental Change and Migration: Evaluation of EACH-FOR Methodology and Application in 23 Case Studies Worldwide**. Migration, Environment and Climate Change: Assessing the Evidence. Geneva: International Organization for Migration (IOM).

Zevenbergen, C.; Herath, S. (2008): **Challenges for Delta Areas in Coping with Urban Floods**. In de Graff, R.; Hooimeijer, F. (Eds.): *Urban Water in Japan*. Taylor and Francis.

(Available at: <http://www.taylorandfrancis.com/>)

## CONFERENCE PROCEEDINGS

UNU; UN/ISDR; Kyoto University; CITYNET (2009): **City Profile: Climate and Disaster Resilience – Asian Cities**. Kyoto, Japan.

Herath, S.; Surjan, A. (Eds.) (2009): **The Role of Higher Education in Adapting to Climate and Ecosystems Change**. In: *Higher Education for Climate and Ecosystems Change: Adaptation – Asia*. Proceedings of the First UN-CECAR Conference and Workshop held in Tokyo, Japan, 10–12 June 2009.

Herath, S.; Takahashi, S.; Wang, Y. (Eds.) (2009): **Higher Education in Adapting to Climate and Ecosystems Change**. In: *Higher Education for Climate and Ecosystems Change: Adaptation – Asia*. Proceedings of the First UN-CECAR Conference and Workshop held in Ha Long Bay, Viet Nam, 23–24 August 2009.

Herath, S.; Lim, A. (Eds.) (2009): **The Role of Higher Education in Adapting to Climate Change in Africa**. In: *Higher Education for Climate and Ecosystems Change: Adaptation – Africa*. Proceedings of the Conference and Consultative Workshop held in Accra, Ghana, 16–17 October 2009.

Herath, S.; Lim, A.; Takahashi, S. (Eds.) (2010): **Working with Communities**. In: *Higher Education for Climate and Ecosystems Change: Adaptation – Asia*. Proceedings of the Third UN-CECAR Conference and Workshop held in Yogyakarta, Indonesia, 8–10 March 2010.

Takahashi, S.; Sengtaheuanghoung, O.; Liang, L. (2010): **Implications for Land Use Changes in Lao PDR: Moving Towards Effective Implementation of REDD+ and Adaptation to Climate Change**. Paper presented at the 2<sup>nd</sup> UNITAR and Yale Conference on Environmental Governance and Democracy, 17–19 September 2010, New Haven, USA, 2010.

## PEER-REVIEWED JOURNAL ARTICLES

Birkmann, J.; Buckle, P.; Jaeger, J.; Pelling, M.; Setiadi, N.; Garschagen, M.; Fernando, N.; Kropp, J. (2009): **Extreme Events and Disasters: A Window of Opportunity for Change? Analysis of Changes, Formal and Informal Responses After Mega-Disasters**. In: *Natural Hazards*. DOI: 10.1007/s11069-008-9319-2.

(Available at: <http://www.springerlink.com/>)

Birkmann, J.; von Teichman, K. (2010): **Integrating Disaster Risk Reduction and Climate Change Adaptation: Key Challenges—Scales, Knowledge, and Norms**. In: *Sustainability Science*. vol. 5, no.2, pp. 171-184, DOI: 10.1007/s11625-010-0108-y.

(Available at: <http://www.springerlink.com/>)

- Grote, U.; Warner, K. (2010): **Environmental Change and Forced Migration: Evidence from Sub-Saharan Africa**. In: *International Journal of Global Warming*. vol. 2, no. 1, pp. 17 - 47.  
(Available at: <http://www.inderscience.com/>)
- Herath, S.; Wang, Y. (2010): **Incorporating Wind Damage in Potential Flood Loss Estimation**. In: *Global Environment Research*. vol. 1, pp. 95–103.  
(Available at: <http://www.airies.or.jp/>)
- Hill, H.; Wiener, J.; Warner, K. (2010): **From Fatalism to Resilience: Reducing Disaster Impacts with Systematic Investments**. In: *Disasters* (in press).  
(Available at: <http://www.wiley.com/>)
- Linnerooth-Bayer, J.; Warner, K.; Bals, C.; Höpfe, P.; Burton, I.; Loster, T.; Haas, A. (2009): **Insurance, Developing Countries and Climate Change**. In: *The Geneva Papers*.  
(Available at: <http://www.palgrave-journals.com/>)
- Razafindrabe, B.H.N.; Parvin, G.A.; Surjan, A.; Takeuchi, A.; Shaw, R.: (2009): **Climate Disaster Resilience: Focus on Coastal Urban Cities in Asia**. In: *Asian Journal of Environment and Disaster Management*.  
(Available: <http://www.rpsonline.com.sg/>)
- Renaud, F.; Birkmann, J.; Damm, M.; Gallopín, G.C. (2010): **Understanding Multiple Thresholds of Coupled Social-Ecological Systems Exposed to Natural Hazards as External Shocks**. In: *Natural Hazards*. DOI 10.1007/s11069-010-9505-x.  
(Available at: <http://www.springerlink.com/>)
- Renaud, F.; Perez, R. (2010): **Climate Change Vulnerability and Adaptation Assessments**. In: *Sustainability Science*. vol. 5, pp. 155-157. DOI: 10.1007/s11625-010-0114-0.  
(Available at: <http://www.springerlink.com/>)
- Romieu, E.; Welle, T.; Schneiderbauer, S.; Pelling, M.; Vinchon, C. (2010): **Vulnerability Assessment Within Climate Change and Natural Hazard Contexts: Revealing Gaps and Synergies Through Coastal Applications**. In: *Sustainability Science*. vol. 5, no. 2, pp. 159-170, DOI: 10.1007/s11625-010-0112-2.  
(Available at: <http://www.springerlink.com/>)
- Surjan, A.; Shaw, R. (2008): **Eco-city to Disaster Resilient Eco-community: A Concerted Approach in the Coastal City of Puri, India**. In: *Sustainability Science*. vol. 3, no. 2, pp. 249–265.  
(Available at: <http://www.springerlink.com/>)
- Surjan, A.; Shaw, R. (2009): **Enhancing Disaster Resiliency through Local Environment Management: Case of Mumbai, India**. In: *Disaster Prevention and Management*. vol. 18, no. 4, pp. 418–423.  
(Available at: <http://www.emeraldinsight.com/>)
- Warner, K. (2009): **Migration: Climate Adaptation or Failure to Adapt? Findings from a Global Comparative Field Study**. IOP Conf. Ser.: Earth Environ. Sci. 6 562006. DOI: 10.1088/1755-1307/6/56/562006.  
(Available at: <http://iopscience.iop.org/>)

Warner, K. (2010): **Global Environmental Change and Migration: Governance Challenges**. In: *Global Environmental Change, Special Issue Focusing on Resilience and Governance*. vol. 20, pp. 402-413. DOI: 10.1016/j.gloenvcha.2009.12.001.  
(Available at: <http://www.sciencedirect.com/>)

Warner, K.; Hamza, M.; Renaud, F.; Oliver-Smith, A.; Julca, A. (2009): **Climate Change, Environmental Degradation and Migration**. In: *Natural Hazards*.  
(Available at: <http://www.springerlink.com/>)

## POLICY BRIEFS

Warner, K.; Erhart, C.; de Sherbinin, A.; Adamo, S.B.; Onn, T.C. (2009): **In Search of Shelter: Mapping the Effects of Climate Change on Human Migration and Displacement**. Prepared for the 2009 Climate Negotiations.

Warner, K.; Loster, T.; Zissener, M.; Kreft, S.; Linnerooth-Bayer, J.; Bals, C.; Höppe, P.; Gurenko, E.; Burton, I.; Haas, A. (2009): **Vulnerable Countries and People: How Disaster Risk Reduction & Insurance Can Help Manage the Risks of Climate Change**. Policy Brief, UNU-EHS.

Warner, K.; Ranger, N.; Surminksi, S.; Arnold, M.; Linnerooth-Bayer, J.; Michel-Kerjan, E.; Kovacs, P.; Herweijer, C. (2009): **Adaptation to Climate Change: Linking Disaster Risk Reduction and Insurance**. Prepared for the 2009 Climate Negotiations.

Warner, K.; Zissener, M.; Kreft, S.; Höppe, P.; Bals, C.; Linnerooth-Bayer, J.; Haas, A.; Gurenko, E.; Loster, T.; Burton, I. (2010): **Solutions for Vulnerable Countries and People: Designing and Implementing Disaster Risk Reduction & Insurance for Adaptation**. Policy Brief, UNU-EHS.

## REPORTS/INSTITUTIONAL PUBLICATION SERIES

Afifi, T. (2009): **Niger: Case Study Report for the EACH-FOR Project**. UNU-EHS, Bonn, Germany.

Afifi, T. (2009): **The Impact of Environmental Factors on Migration in Egypt: Case Study Report for the EACH-FOR Project**. UNU-EHS, Bonn, Germany.

Arndt, C.; Strzepeck, K.; Tarp, F.; Thurlow, J.; Fant, C.; Wright, L. (2010): **Adapting to Climate Change: An Integrated Biophysical and Economic Assessment for Mozambique**. UNU-WIDER Working Paper 2010/101.

Barnsley, I. (2008): **A Carbon Guide for Northern Indigenous Australians**. North Australian Indigenous Land and Sea Management Alliance. UNU-IAS, Yokohama, Japan.

Barnsley, I. (2008): **Emissions Trading, Carbon Financing and Indigenous Peoples**. UNU-IAS Guide. UNU-IAS, Yokohama, Japan.

- Barnsley, I. (2008): **Reducing Emissions from Deforestation and Forest Degradation in Development Countries (REDD): A Guide for Indigenous Peoples**. UNU-IAS Guide. UNU-IAS, Yokohama, Japan.
- Birkmann J.; von Teichman, K.; Aldunce P.; Bach C.; Binh, NT.; Garschagen, M.; Kanwar, S.; Setiadi, N.; Thach, LN. (2009): **Addressing the Challenge: Recommendations and Quality Criteria for Linking Disaster Risk Reduction and Adaptation to Climate Change**. In: Birkmann, J.; Tetzlaff, G.; Zentel, K.-O. (Eds.) DKKV Publication Series 38, Bonn, Germany.
- Braimoh, A.; Subramanian, M.S.; Elliott, W.; Gasparatos, A. (2010): **Climate and Human-Related Drivers of Biodiversity Decline in Southeast Asia**. UNU-IAS Policy Report. UNU-IAS, Yokohama, Japan.
- Daniel, H.; Martin-Bordes, J.L. (Eds.) (2009): **Water Related Migration, Changing Land Use and Human Settlements**. Topic 1.2 of the 5th World Water Forum, "Bridging Divides for Water" 17-18 March 2009, Istanbul, Turkey. Knowledge No. 4. UNW-DPC, Bonn, Germany.
- Derviř, K. (2008): **The Climate Change Challenge**. WIDER Annual Lecture 11.
- Dun, O. (2009): **Linkages Between Flooding, Migration and Resettlement in the Mekong Delta, Vietnam: Case Study Report for the EACH-FOR Project**. UNU-EHS, Bonn, Germany.
- Hare, M. (Ed.) (2010): **Curriculum Development for Water and Climate Change**. Capacity Development in Adaptive Water Management (AWM), New Delhi, India, 12–15 October 2008; and **Climate and Water Affairs**, Skopje, FYR Macedonia, 20–24 April 2009. Knowledge No. 5. UNW-DPC, Bonn, Germany.
- McLean, K.G. (ed.) (2009): **Climate Change Experiences in Northern Australia – Health, Adaptation, Fire Management and Global Relevance: Proceedings of the International Public Forum on Indigenous Peoples and Climate Change – The Tropical Australian Experience**. UNU-IAS, Yokohama, Japan.
- McLean, K.G.; Ramos-Castillo, A.; Gross, T.; Johnston, S.; Vierros, M.; Noa, R. (2009): **Report of the Indigenous Peoples' Global Summit on Climate Change: 20–24 April 2009, Anchorage, Alaska**. UNU-IAS, Yokohama, Japan.
- McLean, K.G. (2010): **Advance Guard: Climate Change Impacts, Adaptation, Mitigation and Indigenous Peoples – A Compendium of Case Studies**. UNU-IAS, Yokohama, Japan.
- Oliver-Smith, A. (2009): **Nature, Society, and Population Displacement: Toward an Understanding of Environmental Migration and Social Vulnerability**. InterSecTions No.8. UNU-EHS, Bonn, Germany.
- Oliver-Smith, A. (2009): **Sea Level Rise and the Vulnerability of Coastal Peoples: Responding to the Local Challenges of Global Climate Change in the 21<sup>st</sup> Century**. InterSecTions No.7. UNU-EHS, Bonn, Germany.
- Oliver-Smith, A.; Shen, X. (Eds.) (2009): **Linking Environmental Change, Migration & Social Vulnerability**. SOURCE No. 12. UNU-EHS, Bonn, Germany.
- Pisupati, B. (2007): **Biodiversity and Climate Change**. UNU-IAS, Yokohama, Japan.

Renaud, F.; Bogardi, J.J.; Dun, O.; Warner, K. (2007): **Control, Adapt or Flee: How to Face Environmental Migration?** InterSecTions No. 5. UNU-EHS, Bonn, Germany.

Stal, M. (2009): **Flooding and Relocation in Central Mozambique: Case Study Report for the EACH-FOR Project.** UNU-EHS, Bonn, Germany.

Shen, X.; Downing, T.; Hamza, M. (2010): **Tipping Points in Humanitarian Crisis: From Hot Spots to Hot Systems.** SOURCE No.13. UNU-EHS, Bonn, Germany.

UNW-DPC (2009): **Capacity Pool Issue No. 7/2009 on Climate Change.** UNW-DPC, Bonn, Germany.

Urbanization and Global Environmental Change (2009): **Urbanization: A Critical Human Dimension of Global Environmental Change.** UGEC Viewpoints No. 2, September 2009.

## RESEARCH BRIEFS

Stal, M.; Warner, K. (2009): **The Way Forward: Researching the Environment and Migration Nexus.** Based on the Outcomes of the 2<sup>nd</sup> Expert Workshop on Climate Change, Environment and Migration (23–24 July 2009, Munich, Germany), UNU-EHS.