Climate change, hydro-conflicts, and human security (CLICO) Final Conference

10-11 December 2012

The Hilton hotel, Nicosia, Cyprus

Conference Programme

http://ewacc2012.cyi.ac.cy/?page_id=567

Climate change's impact upon hydrological resources has become a security concern, expected to be acute in the Mediterranean and its neighbouring regions. Security implications in this context are usually conceptualised with reference to the conflict potential of hydro-climatic change and in particular in relation to anticipated resource scarcities that may mobilise several conflict channels. However, links between climate and conflict are not readily substantiated, as regularly cooperation trumps conflict in situations of scarcity, abundance rather than scarcity is mostly related to conflict, and socio-political and governance structures are key in producing conflict or cooperation. Contributions from several fields (such as international relations, political ecology, etc.) and new approaches (such as securitisation, double exposure, etc.) point to a more complex picture linking climate change and the social impact of hydrological changes as well as the implications and potential of policy responses, confirming that the long chain between climate change and social impacts is fraught with uncertainty.

In this context, CLICO (Climate Change, Hydro-conflict and Human Security) is an EC-funded FP7 research project investigating the human security implications of hydro-climatic change in the Mediterranean, Middle East and the Sahel (www.clico.org). The project includes 11 in-depth case studies of hydro-security hotspots in the region, a large-N statistical analysis of domestic water conflicts, and an analysis of the resilience of transboundary institutions and international as well as national policies.

CLICO will be presenting its research results in parallel to the international conference and high-level policy event "Energy, Water and Climate Change 2012 – Building Bridges between Europe and MENA" (EWACC 2012), which will be held in Nicosia between 10-12 December 2012. Plenary speakers for the event include prominent scholars on environment and security such as Prof Simon Dalby (Carleton University, Canada), Prof Roberto Sánchez Rodríguez (COLEF, Mexico), and Dr Halvard Buhaug (Peace Research Institute Oslo, Norway). The conference will present both empirical and conceptual papers on the following themes:

- water security, and hydro-climatic change and human security;
- international water agreements and transboundary institutions;
- droughts, floods and social vulnerability (including new methods for vulnerability analysis and assessment);
- climate change adaptation (particularly with reference to hydrological resources);
- large-N statistical studies examining links between hydro-climatic change and conflict;
- political ecology of water or/and climate change, including case-studies of specific water conflicts and/or social mobilizations.

The conference is open to researchers, students, policymakers, practitioners and the public.

The conference is supported by the EC Framework 7 project 'Climate Change, Hydro-Conflicts and Human Security' (CLICO)

Convened by:

Prof Giorgos Kallis (ICREA Professor, ICTA, Universitat Autònoma de Barcelona, Spain)

Dr Christos Zografos (ICTA, Universitat Autònoma de Barcelona, Spain

MONDAY 10 DECEMBER 2012

Time	Session title	Presentations	Presenters
18:00-19:40	CLICO Opening Session: Conflict, peace, and the CLICO project in Cyprus *Chair: Giorgos Kallis*	*Keynote Speech* : Beyond the Emergency Imaginary? The Application of Human Security Discourses to Climate Vulnerability in (Post)Conflict Zones	Michael Mason (London School of Economics and Political Science, UK)
		Cyprus: Is peace building through water a possibility?	Dimitris Zikos (Humboldt University Berlin, Germany)
		Climate change and water scarcity in Cyprus, impacts and adaptation	Manfred Lange (The Cyprus Institute, Cyprus)
		The vulnerability of rural communities to water scarcity and climate change, an integrated index to aid adaptation, with an application to Cyprus	Adriana Bruggeman (The Cyprus Institute, Cyprus)

TUESDAY 11 DECEMBER 2012

Time	Session title	Presentations	Presenters
09:00-10:40	Session 1: CLICO conceptual and policy contributions *Chair: Christos Zografos*	Welcome from EC Project Officer: Policy background and conference objectives	Perla Srour-Gandon (European Commission - Project Officer for CLICO)
		The CLICO project: aims and achievements	Giorgos Kallis (ICTA, Universitat Autònoma de Barcelona, Spain)
		Integrated theory of hydro-climatic security: contributions from the CLICO research in the Mediterranean, the Middle East and the Sahel	Marisa Goulden (University of East Anglia, UK)
		The CLICO Synthesis Report: regional assessment and policy guidelines	Julia Kloos (UNU-EHS, Germany)
		Policy frameworks to address climate-induced risks to human security and conflict – what do we have and what more do we need?	Christiane Gerstetter (Ecologic Institute, Germany)
10:40-11:00	Refreshments		
11:00-12:40	Session 2: Transboundary and regional analysis *Chair: Marisa Goulden*	Preparedness of Transboundary River Basins for Climate Change	Anita Milman (University of Massachusetts Amherst, USA)
		Negotiating Conflict Resolution Mechanisms for Transboundary Water Treaties: A Transaction Cost Approach	Itay Fischhendler (Hebrew University Jerusalem, Israel)
		Demand, Supply, and Restraint: Determinants of Domestic Water Conflict and Cooperation	Tobias Böhmelt and Theresa Tribaldos (Swiss Federal Institute of Technology (ETH) Zürich)

		Water and Energy in the Southern African transboundary river basins: regional Security and Integration issues in a context of Climate Change	Agathe Maupin (South African Institute of International Affairs)
12:40-14:00	Lunch		
14:00-15:20	Session 3: The CLICO case studies (1): the Meditteranean *Chair: Adriana Bruggeman*	Water vulnerability assessment to climate change in the Intercontinental Biosphere Reserve of the Mediterranean (Morocco-Spain)	Diana Pascual (Center for Ecological Research & Forestry Applications, Spain)
		The micro-politics of climate security in the Ebro Delta, Catalonia (Spain)	Christos Zografos (ICTA, Universitat Autònoma de Barcelona, Spain)
		Human Security in a Loose Territory: Insights from the (Quasi)Northern Campania Region (Italy)	Giorgos Kallis (ICTA, Universitat Autònoma de Barcelona, Spain)
		How to disappear completely: Migrant agricultural labor, climate change adaptation and neoliberal state intervention in Turkey	Ethemcan Turhan (ICTA, Universitat Autònoma de Barcelona, Spain)
15:20-15:40		Refreshments	
15:40-17:20	Session 4: The CLICO case studies (2): the Middle East *Chair: Clemens Hofmann*	The impact of uncertainties on cooperation and conflict in transboundary water: the case of Israeli-Palestinian negotiations	Itay Fischhendler (Hebrew University Jerusalem, Israel)
		Climate Change and Water Security: Is Israeli-Palestinian Cooperation feasible?	Dan Bitan (The Israeli-Palestinian Science Organization)
		The potential impact of climate change on the implementation of integrated water resources management under uncertain socioeconomic and political conditions in the Jordan valley	Ayman Rabi (Palestinian Hydrology Group)
		Ras Sudr, A Tale of Two Extremes (Sinai, Egypt)	Mohamed Tawfic (Suez Canal University, Egypt)
		Emerging Risks: Sea Level Rise and Potentially Forced and Planned Relocation - Case Study From Greater Alexandria, Egypt	Niklas Gebert (UNU-EHS, Germany)
17:20-17:40	Intermission		
17:40-19:00	Session 5: The CLICO case studies (3): Sahel and beyond *Chair: Ethemcan Turhan*	Beyond 'Scarcity', 'State Failure' and 'Under-Development': Rethinking Water, Climate Change and Conflict in the New Sudans	Clemens Hoffmann (Bilkent University, Ankara, Turkey)
		Climate Adaptation in Highly Vulnerable Regions: The Politics of Human Security in Gambella, Ethiopia	Anita Milman (University of Massachusetts Amherst, USA) and Yacob Arsano (Addis Ababa University, Ethiopia)
		Divergent adaptation to climate change and changes in ecosystem services: A pastoral-agricultural case study of Niger	Julie Snorek (UNU-EHS, Germany)
		The Impact of Climatic Change on the Seasonal Movement of the Bakarwals tribe and their future in the valley of Kashmir	Mohamed Tufail (Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi, India)
21:00	EWACC 2012 Conference Dinner		