It remains contested whether climatic and hydrological changes and increasing variabilities trigger and mul
Climate change has and will continue to have far-reaching impacts on environmental, social and economic conditions. Increasingly, climate change and the associated increase in the frequency of extreme weather events such as floods, droughts and rising sea level is recognized as not only having humanitarian impacts, but also creating political and security risks that can affect national/regional stability and the welfare of people. This has led to increased political interest in the influence of climate change on water availability and human security. Specifically, it remains contested whether climatic and hydrological changes and increasing variabilities trigger and multiply conflict at various scales, or if they induce cooperation between and within countries. The report is available for download.

This report [2] [pdf, 4,42 MB, English] presents a comprehensive regional assessment of these questions in the CLICO study area – the Mediterranean, Middle East, and Sahel – in terms of climate change impacts, vulnerabilities, conflict/cooperation and human security. Results of the various approaches (in-depth case studies, large N statistical analyses, assessments of transboundary adaptive capacities and transactions costs, policy analysis related to climate change adaptation) confirm observations that climate and hydrological factors, socio-economic, institutional and political
conditions are all important drivers of human (in) security, but their relative importance depends on the specific context in which they interact. CLICO research points toward stronger links between political, economic and social factors and water-related conflict than between climate-related variables and water conflict. (However, in the future these relationships might change.)

Ecologic Institute was in charge of a review on national and international policies and institutional frameworks, which revealed that many policies on climate change adaptation and water resources management exist, which address risks for human security linked to water and climate change in a more indirect way. Policies that are more explicitly aimed at conflict reduction in this context are missing. The report includes recommendations to guide policymakers in improving adaptive capacities, reducing vulnerabilities and, hence, increasing human security in the face of climate change. Besides these more general recommendations, specific recommendations related to certain sectors (e.g., agriculture, water management) or topics (e.g., migration, infrastructure) were developed.

Attachments

- [Clico: Regional Assessment and Policy Guidelines for the Mediterranean, Middle East and Sahel](#)

Main Link

Report: Climate Change, Water Conflicts and Human Security pdf, 4.4 MB, English]

Ecologic Related Websites

- Project Website: CLICO

Ecologic Related Articles

- Climate Change, Hydro-conflicts and Human Security (CLICO)
- The Effectiveness of Policy Frameworks for Addressing Climate-induced Risks to Human Security and Conflict
- Ecologic Institute Events in Durban
- Climate Change, Water Conflicts and Human Security in the Mediterranean, Middle East and Sahel
- Will States See More Water Conflicts as the Climate Changes?
- Policy-making in the Face of Climate Change, Water Conflicts and Human Security
- Climate Adaption, Water and Security at the International Level
- CLICO meeting in Berlin – discussion on human security

Further Links

- United Nations University: Clico: Regional Assessment and Policy Guidelines for the Mediterranean, Middle East and Sahel

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Author(s)

Haran Bar-On
Maria Berglund
Dr. Christiane Gerstetter
Dr. Eleftheria Kampa
Katriona McGlade
Dr. Nils Meyer-Ohlendorf
Lucy Olivia Smith
Elizabeth Tedsen JD
Rodrigo Vidaurre

Author(s)

Julia Kloos (UNU-EHS)
Niklas Gebert (UNU-EHS)
Therese Rosenfeld (UNU-EHS)
Fabrice Renaud (UNU-EHS)
Dania Abdul Malak (CREAF)
Sireen Abu Jamous (PHG)
Neil Adger (UEA)
Amaia Albizua (ICTA, UAB)
Yacob Arsano (UEA)
Thomas Bernauer (ETHZ, PRIO)
Tobias Böhmelt (ETHZ, PRIO)
Adriana Bruggeman (CyI)
Lisa Bunclark (UEA)
Halvard Buhaug (CSCW, PRI)
Diana Calvo Boyero (ICTA, UAB)
Katerina Charalambous (CyI)
Declan Conway (UEA)
Giacomo D’Alisa
Charlotte De Bruyne (HUJ)
Hakan Djuma (CyI)
Alena Drieschova (HUJ)
Itay Fischhendler (HUJ)
Jaume Fons-Esteve (CREAF)
Nils Petter Gleditsch (CSCW, PRI)
Marisa Goulden (UEA)
Sam Graininger (UEA)
Panos Hadjinicolaou (CyI)
Clemens Hoffmann (UOS)
Giorgos Kallis (ICTA, UAB)
David Katz (HUJ)
Manfred A. Lange (CyI)
Jos Lelieveld (CyI)
Anita Milman (UEA)
Diana Pascual Sánchez (CREAF)
Stelios Pashiardis (Cyprus Meteorological Service)
Eduard Pla Ferrer (CREAF)
Kate Porter (UEA)
Jan Selby (UOS)
Julie Snorek (UNU-EHS)
Abdelrahman Tamimi (PHG)
Mohamed Tawfic Ahmed (Suez Canal University)
Theresa Tribaldos (ETHZ)
Ethemcan Turhan (ICTA, UAB)
Eivind Berg Weibust (CSCW, PRI)
Lars Wirkus (BICC)
Gerdis Wischnath (CSCW, PRIO)
Christos Zografos (ICTA, UA)

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[1] https://www.ecologic.eu/sites/files/publication/2013/Cover-clico-report-10_0.jpg