



Published on *Ecologic Institute: Science and Policy for a Sustainable World*  
(<https://www.ecologic.eu>)

[Home](#) > Environmental Change and Human Security in Africa and the Middle East

---

## PUBLICATION

Book  
Climate  
International Development  
Global Environment  
Resource Conservation + Circular Economy  
Security Policy  
Water

# Environmental Change and Human Security in Africa and the Middle East

 [1]

Global  
environmental  
change and  
climate  
change  
pose a  
range  
of  
threats  
to  
human  
security

For many populations that are already socially marginalized, resource dependent, and with limited capital assets, human security will be progressively undermined by environmental change. A new book, co-edited by Katriona McGlade, Fellow and Coordinator of

International Development at Ecologic Institute, examines interactions between environmental change and human security in the Middle East and Africa. The collected volume, published by Springer, demonstrates that global environmental change in general, and climate change in particular, are putting both human security and human rights (such as right to life, health, shelter, and food) at risk.

The fifteen contributions provide topical analysis from a range of disciplines on the theory, discourse, policy and practice of responding to global environmental change and threats to human security. Case studies from Morocco, Tunisia, Egypt, Turkey, Iraq and Syria provide empirical evidence, with a focus section dedicated to the critical issue of water resources and water security in the region.

Chapter 3 "Is Human Security a Relevant Concept in the Context of Climate Change Adaptation Policies?" was written by [Katriona McGlade](#) [2], [Christiane Gerstetter](#) [3], [Elizabeth Tedsen](#) [4] and [Rodrigo Vidaurre](#) [5] of Ecologic Institute.

The volume is based on papers presented during the International Conference on Global Environmental Change and Human Security: The Need for a New Vision for Science, Policy and Leadership in Marrakesh (GECS2012) organized by the North-South Center for Social Sciences, Morocco (now the [Centre for Research on Environment, Human Security and Governance \(CERES\)](#) [6]) and the [Deutsche Gesellschaft für Internationale Zusammenarbeit \(GIZ\) GmbH](#) [7], Germany, in collaboration with the [International Center for Biosaline Agriculture \(ICBA\)](#) [8], United Arab Emirates and the [Moroccan Ministry of Environment](#) [9].

### **Main Link**

Book: Environmental Change and Human Security in Africa and the Middle East

### **Ecologic Related Articles**

- [Climate Change, Hydro-conflicts and Human Security \(CLICO\)](#)

---

### **Citation**

Behnassi, Mohamed and Katriona McGlade (eds.) 2017: Environmental Change and Human Security in Africa and the Middle East. Springer International Publishing Switzerland.

### **Language**

English

### **Author(s)**

Katriona McGlade  
Dr. Christiane Gerstetter  
Elizabeth Tedsen JD

<b>Author(s)</b>	Rodrigo Vidaurre
<b>Publisher</b>	Mohamed Behnassi (Ibn Zohr University of Agadir, Morocco) <ul style="list-style-type: none"><li>• Springer-Verlag, Germany</li></ul>
<b>Year</b>	2017
<b>ISBN</b>	978-3-319-45646-1 (Hardcover), 978-3-319-45648-5 (eBook)
<b>DOI</b>	10.1007/978-3-319-45648-5
<b>Dimension</b>	340 pp.
<b>Table of Contents</b>	<p>Preface</p> <p><b>Part I Global Environmental Change as a Human Security Issue</b></p> <p>1 Climate Security as a Framework for Climate Policy and Governance. Behnassi, Mohamed</p> <p>2 Global Environmental Change and the Crisis of Dominant Development Models: A Human Security-Centered Analysis. El Fellah, Reda et al.</p> <p>3 Is Human Security a Relevant Concept in the Context of Climate Change Adaptation Policies? McGlade, Katriona et al.</p> <p><b>Part II Impacts of Environmental Change and Implications for Human Security: Case Study Examples</b></p> <p>4 Climate Change Impacts on Water Availability and Human Security in the Intercontinental Biosphere Reserve of the Mediterranean (Morocco-Spain). Pascual, Diana et al.</p> <p>5 Impact Assessment of Environmental Change in Nuba Mountains of Sudan. Deafalla, Taïsser H. H. et al.</p> <p>6 Global Environmental Change as a Human Security Threat: Situation in Nigeria. Ladan, Suleiman Iguda</p> <p>7 Eco-Adaptation Strategies of Health to Climate Change: Case of Zoonotic Cutaneous Leishmaniasis(ZCL) as Vulnerability Indicator in Pre-Saharan Region of Morocco. Kahime, Kholoud et al.</p> <p>8 Anticipating Emerging Risks and Vulnerabilities from Sea Level Rise Induced Preventive Resettlement in Greater Alexandria, Egypt. Baumert, Niklas et al.</p> <p>9 Consumption, Climate Change and Human Security: Targeting Consumer Groups for</p>

the Mitigation of Climate Change in India. Dutta, Madhumati

10 A New Era for Energy: The Nightmare Gulf Scenario and Its Implications for Human and Environmental Security. Sultan, Nabil

### **Part III Regional Focus on Water Security**

11 Water Resources, Food Security and the Role of Virtual Water Trade in the MENA Region. Antonelli, Marta et al.

12 Managing Water Crisis in the North African Region: with particular reference to the Jijel Region. Aimar, Abdelhafid

13 Turkey's Water Policy in the Euphrates-Tigris Basin. Oktav, Özden Zeynep

### **Part IV Critical Perspectives and Approaches for Addressing the Impacts of Environmental Change on Human Security**

14 Human Relationship to the Land from a Legal Perspective as a Human and Environmental Security Challenge. Barrière, Olivier

15 Environmental Change and Gender: Rethinking Traditional Approaches to Food Security in Rural Beitbridge, Zimbabwe. Matsa, Mark et al.

Postface

### **Keywords**

Human Security, Environmental Change, Climate Change, Water, Migration, Conflict, Middle East, Africa, Egypt, Iraq, Morocco, Nigeria, Spain, Syria, Sudan, Tunisia, Turkey, Zimbabwe

---

**Source URL (modified on 08/23/2018 - 15:00):** <https://www.ecologic.eu/14558>

### **Links**

[1] <https://www.ecologic.eu/sites/files/presentation/2017/humansecuritymiddleeastafriacover.png>

[2] <https://www.ecologic.eu/node/3500>

[3] <https://www.ecologic.eu/node/1815>

[4] <https://www.ecologic.eu/node/4136>

[5] <https://www.ecologic.eu/node/1566>

[6] <http://www.nrcs-center.org/>

[7] <https://www.giz.de/en/html/index.html>

[8] <https://www.biosaline.org/>

[9] <http://www.environnement.gov.ma/fr/>