Adapting to climate change: Thresholds, values, governance

Abstract:
Adapting to climate change is a critical problem facing humanity. This involves reconsidering our lifestyles, and is linked to our actions as individuals, societies and governments. This book presents the latest science and social science research on whether the world can adapt to climate change. Written by experts, both academics and practitioners, it examines the risks to ecosystems, demonstrating how values, culture and the constraining forces of governance act as barriers to action. As a state-of-the-art review of science and a holistic assessment of adaptation options, it is essential reading for those concerned with responses to climate change, especially researchers, policymakers, practitioners, and graduate students. Significant features include historical, contemporary, and future insights into adaptation to climate change; coverage of adaptation issues from different perspectives: climate science, hydrology, engineering, ecology, economics, human geography, anthropology and political science; and contributions from leading researchers and practitioners from around the world. -- Publisher's description


Resource Description

Communication:
resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change
A focus of content

Communication Audience:
audience to whom the resource is directed
Public

Exposure:
weather or climate related pathway by which climate change affects health

Extreme Weather Event: Flooding
Food/Water Security: Agricultural Productivity, Fisheries
Temperature: Extreme Heat, Fluctuations

Geographic Feature: Arctic, Ocean/Coastal, Rural, Urban

Geographic Location: Global or Unspecified

Health Co-Benefit/Co–Harm (Adaption/Mitigation): specification of beneficial or harmful impacts to health resulting from efforts to reduce or cope with greenhouse gases
A focus of content

Health Impact: specification of health effect or disease related to climate change exposure
General Health Impact

Mitigation/Adaptation: mitigation or adaptation strategy is a focus of resource
Adaptation, Mitigation

Model/Methodology: type of model used or methodology development is a focus of resource
Exposure Change Prediction, Methodology

Resource Type: format or standard characteristic of resource
Policy/Opinion, Review

Resilience: capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function
A focus of content

Timescale: time period studied
Long-Term (>50 years)

Vulnerability/Impact Assessment:
Climate Change and Human Health Literature Portal

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content