



Online Ethics Center
FOR ENGINEERING AND SCIENCE

Water Resources for Agriculture in a Changing Climate: International Case Studies

Author(s)

Cynthia Rosenzweig
Kenneth M. Strzepek
David C. Major
Ana Iglesias
David N Yates
Alyssa McCluskey
Daniel Hillel

Description

This article is an integrated study that examines the implications of changes in crop water demand and water availability for the reliability of irrigation, taking into account changes in competing municipal and industrial demands, and explores the effectiveness of adaptation options in maintaining reliability. Models are applied to major agricultural regions in Argentina, Brazil, China, Hungary, Romania, and the US, using projections of climate change, agricultural production, population, technology, and GDP growth.

ExternalURL

<http://www.sciencedirect.com/science/article/pii/S0959378004000627>

Rights

Use of Materials on the OEC

Resource Type

Published Work

Parent Collection

Climate Change, Engineered Systems and Society

Topics

Climate Change

Discipline(s)

Engineering