

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