

Changing Midwest assessment - land cover, natural resources, and people : landscape change

North Central Research Station, Forest Service, U.S. Dept. of Agriculture - Land Cover

Description: -

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Middle West -- Population.
Middle West -- Statistics, Vital.
Animals -- Middle West.
Plants -- Middle West.
Forests and forestry -- Middle West.
Natural resources -- Middle West.
Landscape protection -- Middle West.
Landscape ecology -- Middle West.
changing Midwest assessment -
land cover, natural resources, and people : landscape change

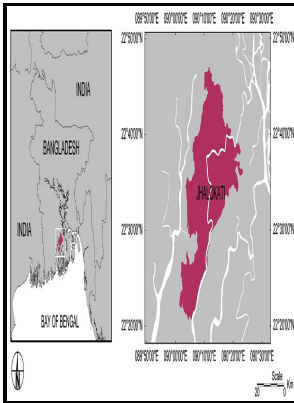
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General technical report NC ;changing Midwest assessment - land
cover, natural resources, and people : landscape change

Notes: Includes bibliographical references (p. 80-82).

This edition was published in 2004



Filesize: 33.510 MB

Tags: #Changing #Midwest #Assessment

The Changing Midwest Assessment: land cover, natural resources, and people

Description of evidence base There is strong evidence that increasing temperatures and precipitation in the Midwest will occur by the middle and end of the 21st century. Glaciers are collapsing and depositing debris consisting of bare soil and rock. However, future projected changes in annual average temperature Vose et al.

Climate impacts on freshwater resources and ecosystems

Species are already responding to changes that have occurred over the last several decades, , , and rapid climate change over the next century is expected to cause or further amplify stress in many species and ecological systems in the Midwest. Responses to Disasters and Climate Change: Understanding Vulnerability and Fostering Resilience. Temperature and humidity increases projected for the Midwest will increase economic losses across the entire region.

Impacts of urbanization on land use /cover changes and its probable implications on local climate and groundwater level

These include the Laurentian Great Lakes ecosystems, which contain myriad habitat types from open-lake, to coastal wetlands and tributaries Dodge and Kavetsky, 1995 , to other smaller freshwater lakes e. An institutional or society member subscription is required to view non-Open Access content.

Fragmentation and Land Use Change

Units are oven dry tons ODT per square mile at the county level, where an ODT is 2,000 pounds of biomass from which the moisture has been removed. High rates of change in climate factors like air and water temperature and increasing drought risk likely will accelerate the rate of species declines and extinctions.

Land cover change detection using GIS and remote sensing techniques: A spatio

Running, 2011: A global comparison between station air temperatures and MODIS land surface temperatures reveals the cooling role of forests.
Mutter, 2016: Protocols for AgMIP Regional Integrated Assessments, Version 6.

The growing importance of Land Use, Land Cover (LULC) studies in environmental planning and policy

. Settlement areas had the smallest change in total area, from 0.

Assessment and prediction of spatial patterns of human

Many Indigenous communities share a focus on relationships between people and wildlife and on a respect for natural resources. Using planted areas to absorb rainfall and reduce runoff has become a common approach to storm water management.

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