National Technical Reports Library

ADA603021
Robust, Scalable Framework for Conducting Climate Change Susceptibility Analyses. Army Engineer Waterways Experiment Station, Vicksburg, MS. Engineer Research and Development Center. 2014, 8p

ADA610110

DE94017472
Dust Bowl migration as an analog for possible global warming-induced migration from Mexico. Battelle Pacific Northwest Labs., Richland, WA. 1994, 40p

N140003463

N140008676
Reply to Comment by Laprise on the Added Value to Global Model Projections of Climate Change by Dynamical Downscaling: a Case Study over the Continental U.S. Using the GISS-ModelE2 and WRF Models. Goddard Space Flight Center, Greenbelt, MD. 2014, 4p

N140010053

Purpose: To bring you a sampling of the latest documents added to the NTIS Database and to help you gain a greater understanding of the wealth of scitech information available from the National Technical Information Service.

Director: Bruce Borzino
Associate Director for Product Management & Acquisition: Don Hagen
Manager, Product & Program Management: Wayne Strickland
Technical Information Specialist: Greg Guthrie
508 & Accessibility: William H Joseph
Design & Layout: Brian Congdon

This Newsletter is published twelve times a year, and delivered via e-mail on or about the 15th of each month. You may subscribe or unsubscribe by writing to ntrnews@ntis.gov. We can only unsubscribe you if you receive your copy from ntrnews@ntis.gov. Copies are also re-distributed through listserv and by other subscribers. For back issues to the Newsletter click here.

The ntrnews subscribers list is not shared with any other entities for any purpose. Your comments are always welcome. Write us at ntrnews@ntis.gov.

Permission to redistribute this newsletter is granted.

National Technical Information Service
U.S. Department of Commerce
5301 Shawnee Road
Alexandria, VA 22312
PB2014104905
Responding to the Effects of Coastal Climate Change: Results of a National Sea Grant Survey. Oregon State Univ., Corvallis, Oregon Sea Grant. 2014, 24p
Related Categories/Subcategories: 55C (Meteorological Data Collection, Analysis, & Weather Forecasting) 47D (Biological Oceanography) 57H (Ecology)
Keywords: Climate change, Coastal zone management, Adaptation.

PB2014104930
Related Categories/Subcategories: 48D (Forestry) 57H (Ecology) 55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
Keywords: Forests, Ecosystems, Climate change, Vulnerability, Michigan.

PB2014105229
Review of Climate Change Impacts on Future Carbon Stores and Management of Warm Deserts of the United States. Rocky Mountain Research Station, Fort Collins, CO. 2014, 32p
Related Categories/Subcategories: 91A (Environmental Management & Planning) 55C (Meteorological Data Collection Analysis, & Weather Forecasting) 97K (Fuels) 54 (Atmospheric Sciences)
Keywords: Climate change, United States, Environmental impacts.

PB2014105473
Related Categories/Subcategories: 55C (Meteorological Data Collection, Analysis, & Weather Forecasting) 55 (Atmospheric Sciences) 48B (Natural Resource Management)
Keywords: Climate change, United States, Environmental impacts.

PB2014105474
Related Categories/Subcategories: 55C (Meteorological Data Collection, Analysis, & Weather Forecasting) 55 (Atmospheric Sciences) 48B (Natural Resource Management)
Keywords: Climate change, United States, Environmental impacts.

PB2014106049
Related Categories/Subcategories: 97K (Fuels) 55C (Meteorological Data Collection Analysis, & Weather Forecasting) 57U (Public Health & Industrial Medicine)
Keywords: Biofuels, Climate change, Human health, Workshops.
**NTRL Frequently Asked Questions**

**General**

Q. Whom should I contact with any issues related to NTRL?

A. You need to contact NTRL Help Desk at NTRLhelpdesk@ntis.gov with any questions regarding NTRL product services.

Q. What are the different NTRL subscriptions?

A. Searching for technical information in NTRL is free. To access advanced features and other premium services, NTRL provides 3 different types of subscription: Public, Premium Individual and Premium Institutional. Please take a look at the [functionality matrix](#) for comparison of different subscriptions.

Q. What are the benefits of premium individual over public registered user?

A. Premium individuals have access to lot of features compared to the public registered users. The most important ones being advance search, personalization and social networking.

Q. Where can I find the pricing for NTRL premium subscription?

A. Please check the following link [NTRL Premium Pricing](#).

Q. Where can I find the premium institutional service order form?

A. Please check the following link [NTRL Premium Institutional Service Order form](#).

Q. Where can I find the premium individual service order form?

A. Please check the following link [NTRL Premium Individual Service Order form](#).

**Login**

Q. I have successfully created an account but I cannot login?

A. Many users are confused between NTRL and NTIS accounts. NTRL and NTIS are different web applications and they have different logins. Go to [login](#) and click “Create a Public Access account” to create an NTRL account.

Q. I have created an account in NTRL. I have never received activation code in email?

A. There can be multiple reasons for this behavior. In reality this depends on email exchange servers. Sometimes email servers deliver email messages with a delay, so you might have to wait for some time before you receive the email. Some email servers might see activation email as a SPAM email and the email goes in SPAM folder. Check your spam folder for email. We have tested the account creation with major email servers like gmail, yahoo etc. The emails were delivered right away. We found that there were issues with Hotmail/Windows Live users.

Q. I don’t remember my username/password?

A. If you don’t remember your username/password, you can use the following link [Need Help?](#). This link is also available below the Sign In button of the NTRL login page. It asks simple questions related to your account and you should be able to recover username/password. This also can be used to reset password.

**Digital on Demand**

Q. Whom should I contact with questions specific to “Digital on Demand”?

A. You should contact Digitalondemand@ntis.gov for questions specific to digital on demand.

Q. I am a Premium Individual. Can I request “Digital on Demand”?


A. No. Only Premium Institutions are allowed for requesting digital on demand. This may change in future.

Q. Why did I receive a message “Reached Digital on Demand request limit. Check your subscription for details”, when I try to approve a digital on demand request.

A. The digital on demand request are mediated. The application allows an Institution Administrator to submit only a limited number of requests in a week. Look at your subscription to find out what is the limit. You can also check the [functionality matrix](#). Again NTIS can decide to honor more reports.

**Institution Administrator**

Q. I am the point of contact for an institution. How do I get Institution Administrator privileges?

A. If you are the POC for an institution and want to manage the institutions account, you need to create a Public Access account and contact NTRL Help Desk at [NTRLhelpdesk@ntis.gov](mailto:NTRLhelpdesk@ntis.gov). When you email NTRL help desk, please send your Institution Account details and also your newly created Public Access username so that we can give this Public Account administrative privileges for the associated institution.

Q. I am institution administrator. How do I manage digital on demand requests?

A. If you are an Institution Administrator and you have administrator privileges, once you login to NTRL you will see a tab for “Digital on Demand”. Once you click on the tab, it will load “Digital on Demand” dashboard. Here you can manage digitization requests from your institution users. Available actions are Approve, Decline and Complete.

Q. I am an Institution Administrator. I don't see a tab for “Digital on Demand”

A. If you are an Institution Administrator and you have administrator privileges but you don’t see tab for “Digital on Demand”, there can be problem setting up your account. You need to contact NTRL Help Desk at [NTRLhelpdesk@ntis.gov](mailto:NTRLhelpdesk@ntis.gov) with your username, registered email address and Institution Account details.

**Premium Institution Subscription**

Q. My institution has Premium Institution subscription but I cannot access NTRL from my institution.

A. There can be many reasons for this. The institutions subscription might have expired. Another possibility is that your external IP address is not registered as part of your institution subscription. Premium Institution access is based on IP addresses. Your external IP should be in the list of IP addresses provided by your institutions NTRL point of contact during registration. You need to contact your local NTRL point of contact and check if your external IP address is registered.

**International Customers**

Q. I am an international customer. Can I sign up for Public Access?

A. International customers can freely browse for information on NTRL. However they cannot register for Public Access. Registration is free only for United States residents. International customers are allowed to register for Premium Services only. Please take a look at [NTRL Premium Pricing](#). For subscription comparison please check [functionality matrix](#).

Q. I am an international customer. I cannot download full text or PDF?

A. All users need to register to download reports. Since you are a international customer, you need to register for Premium Services.
Projected climate change is a complex multi-decade challenge. Without action to build resilience, it will increase security risks over much of the planet. It will not only increase threats to developing nations in resource-challenged parts of the world, but it will also test the security of nations with robust capability, including significant elements of our National Power here at home. Even though we may not have 100 percent certainty as to the cause or even the exact magnitude of the impacts, the risks associated with projected climate change warrant taking action today to plan and prepare for changes in our communities, at home and abroad.

The update makes clear that actions to build resilience against the projected impacts of climate change are required today. We no longer have the option to wait and see. We applaud this group of American patriots for this important update. We commend its reading in full and its recommendations to the Administration, to Congress, and to the American people.

PB2014107731

Related Categories/Subcategories:
55C* (Meteorological Data Collection, Analysis, & Weather Forecasting)
68A* (Air Pollution & Control)
97G* (Policies, Regulations & Studies)
97R (Environmental Studies)
96 (Business & Economics)

Keywords: Climate change, Forecasting, Weather, Agriculture & Food, Economics, Business & Economics, Library & Information Sciences, Earth Science, Global aspects.
PB2014108903
Institute of Medicine, Washington, DC. 2014, 86p
Related Categories/Subcategories: 44 (Health Care)
57U (Public Health & Industrial Medicine), 68 (Environmental Pollution & Control)
Keywords: Human health, Climate change, Environmental impact.

PB201510067
Related Categories/Subcategories: 55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
98 (Agriculture & Food)
98B (Agricultural Economics)
96A (Domestic Commerce, Marketing, & Economics)
Keywords: Climate change, Diary Production, Heat stress.

PB2015100675
Forest Service, Corvallis, OR. Pacific Northwest Research Station 2014, 198p
Related Categories/Subcategories: 55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
98D (Agronomy, Horticulture, & Plant Pathology)
48D (Forestry)
48B (Natural Resource Management)
57H (Ecology)
Keywords: Climate change, Vegetation, Forests.

PB2015101171
Climate Change in Levelock, Alaska: Strategies for Community Health.
Alaska Native Tribal Health Consortium, Anchorage, Center for Climate and Health. 2014, 42p
Related Categories/Subcategories: 55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
57U (Public Health & Industrial Medicine), 68 (Environmental Pollution & Control)
Keywords: Climate change, Public health, Alaska.

PB2013101366
Related Categories/Subcategories: 55C (Meteorological Data Collection, Analysis, & Weather Forecasting), 68 (Environmental Pollution & Control)
Keywords: Environmental impact, Adaptation.

PB2013101581
National Research Council, Washington, DC. Commission on Behavioral and Social Sciences and Education. 2012, 108p
Related Categories/Subcategories: 55 (Atmospheric Sciences)
68 (Environmental Pollution & Control)
Keywords: Climate change, Education, Meetings.

N9210239
Thoughts on Abatement and Adaptation.
California Univ., San Diego, La Jolla. Div. of Physiology. 1991, 8p
Related Categories/Subcategories: 68A (Air Pollution & Control)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
48D (Forestry)
97R (Environmental Studies)
Keywords: Atmospheric composition, Atmospheric heating, Greenhouse effect.
Title Index - For NTRL Users

The following is a list of the titles included in this month’s issue, without links to the NTIS Web site. The list is in alphabetical order by title.

<table>
<thead>
<tr>
<th>NTIS Number</th>
<th>Category</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>N140010299</td>
<td>55</td>
<td>Carbon-Temperature-Water Change Analysis for Peanut Production Under Climate Change: A Prototype for the AgMIP Coordinated Climate-Crop Modeling Project (C3MP)..</td>
</tr>
<tr>
<td>N20040027705</td>
<td>55</td>
<td>Cause of the 1930s Dust Bowl..</td>
</tr>
<tr>
<td>PB2014105474</td>
<td>55</td>
<td>Climate Change Impacts in the United States, 2014.</td>
</tr>
<tr>
<td>PB2015101171</td>
<td>55</td>
<td>Climate Change in Levelock, Alaska: Strategies for Community Health.</td>
</tr>
<tr>
<td>PB2014104824</td>
<td>55</td>
<td>Climate Change Legislation in the 113th Congress, March 12, 2014.</td>
</tr>
<tr>
<td>PBPB2014108333</td>
<td>55</td>
<td>Cost of Delaying Action to Stem Climate Change.</td>
</tr>
<tr>
<td>ADA610110</td>
<td>54</td>
<td>Department of Defense 2014 Climate Change Adaptation Roadmap.</td>
</tr>
<tr>
<td>DE94017472</td>
<td>68</td>
<td>Dust Bowl migration as an analog for possible global warming-induced migration from Mexico.</td>
</tr>
<tr>
<td>N140003463</td>
<td>49</td>
<td>Electric Vehicle Charging Stations as a Climate Change Mitigation Strategy.</td>
</tr>
<tr>
<td>N140010053</td>
<td>55</td>
<td>Global Warming and 21st Century Drying.</td>
</tr>
<tr>
<td>PB9023678</td>
<td>55</td>
<td>Greenhouse Effect: Implications for Economic Development.</td>
</tr>
<tr>
<td>ADA601375</td>
<td>55</td>
<td>National Security and the Accelerating Risks of Climate Change.</td>
</tr>
<tr>
<td>N140008676</td>
<td>55</td>
<td>Reply to Comment by Laprise on the Added Value to Global Model Projections of Climate Change by Dynamical Downscaling: a Case Study over the Continental U.S.</td>
</tr>
<tr>
<td>PB2014104905</td>
<td>55</td>
<td>Responding to the Effects of Coastal Climate Change: Results of a National Sea Grant Survey.</td>
</tr>
<tr>
<td>PB2014104930</td>
<td>91</td>
<td>Review of Climate Change Impacts on Future Carbon Stores and Management of Warm Deserts of the United States.</td>
</tr>
<tr>
<td>ADA603021</td>
<td>55</td>
<td>Robust, Scalable Framework for Conducting Climate Change Susceptibility Analyses.</td>
</tr>
<tr>
<td>N9210239</td>
<td>68</td>
<td>Thoughts on Abatement and Adaptation.</td>
</tr>
</tbody>
</table>