

## PB2013100480

Geographic Information Systems Applications for Climate Change Decision-Making Peer Exchange Summary Report Atlanta, Georgia, September 26-27, 2011.

John A. Volpe National Transportation Systems Center, Cambridge, MA. Department of Transportation, Washington, DC. Research & Innovative Technology Administration (RITA). 2011, 21p

### Related Categories/Sub-Categories:

85D (Transportation Safety)

55E (Physical Meteorology)

**Keywords:** Climate change, Peer exchange, Decision-making.

## PB2013100507

Thinking Strategically: The Appropriate Use of Metrics for the Climate Change Science Program. National Research Council, Washington, DC. Division on Earth and Life Studies.

2012, 162p

ISBN-0-309-09659-6

### Related Categories/Sub-Categories:

55A (Aeronomy)

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

68 (Environmental Pollution & Control)

70E (Research Program Administration & Technology Transfer)

**Keywords:** Climate change, Global warming, Metrics.

## Climate Change



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**PB2013101366**

Climate Change: Evidence, Impacts, and Choices. Answers to Common Questions about the Science of Climate Change.

National Academy of Sciences-National Research Council, Washington, DC.

2012, 40p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting),

68 (Environmental Pollution & Control)

**Keywords:** Climate change, Environmental impact, Adaptation.

**PB2013101581**

Climate Change Education: Formal Settings, K-14. A Workshop Summary.

National Research Council, Washington, DC.

Commission on Behavioral and Social Sciences and Education.

2012, 108p

ISBN-978-0-309-26016-9

**Related Categories/Sub-Categories:**

55 (Atmospheric Sciences)

68 (Environmental Pollution & Control)

**Keywords:** Climate change, Education, Meetings.

**PB2013101626**

Forest Adaptation Resources: Climate Change Tools and Approaches for Land Managers.

Northeastern Research Station, Newtown Square, PA.

2012, 138p

FSGTR-NRS-87

**Related Categories/Sub-Categories:**

48D (Forestry)

68 (Environmental Pollution & Control)

97R (Environmental Studies)

**Keywords:** Forestry, Climate change, Adaptation.

**PB2013101752**

Fourth International Symposium on Fire Economics, Planning, and Policy: Climate Change and Wildfires, Mexico City, Mexico, November 5-11, 2012.

Pacific Southwest Research Station, Berkeley, CA. 2012, 181p

**Related Categories/Sub-Categories:**

91C (Fire Services, Law Enforcement, & Criminal Justice)

48D (Forestry)

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

68 (Environmental Pollution & Control)

**Keywords:** Fire economics, Climate change, Wildfires.

**PB2013101792**

Addressing Climate Change in Long-Term Water Resources Planning and Management. User Needs for Improving Tools and Information. Executive Summary.

Corps of Engineers, Washington, DC. Bureau of Reclamation, Washington, DC.

2011, 19p

**Related Categories/Sub-Categories:**

48B (Natural Resource Management)

48G (Hydrology & Limnology)

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

68D (Water Pollution & Control)

**Keywords:** Climate change, Water resource management, Compliance.

**ADA552760**

Report of the Defense Science Board Task Force on Trends and Implications of Climate Change on National and International Security.

Defense Science Board, Washington, DC.

2011, 176p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

92E (International Relations)

74 (Military Sciences)

**Keywords:** Africa, Climate change, Department of Defense.

**ADA553050**

Consequential Challenges of Climate Change.

Army War Coll., Carlisle Barracks, PA.

2011, 34p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

57W (Stress Physiology)

74 (Military Sciences)

**Keywords:** Drought, Military personnel, National security.

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**ADA553407**

Trends and Implications of Climate Change for National and International Security.

Defense Science Board, Washington, DC.

2011, 175p

**Related Categories/Sub-Categories:**

55A (Aeronomy),

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

92E (International Relations)

**Keywords:** Climate change, Environmental impact, Greenhouse effect.

**DE94017472**

Dust Bowl migration as an analog for possible global warming-induced migration from Mexico.

Battelle Pacific Northwest Labs., Richland, WA.

1994, 40p

PNL-SA-23891, CONF-940650-9

**Related Categories/Sub-Categories:**

68 (Environmental Pollution & Control)

68A (Air Pollution & Control)

55E (Physical Meteorology)

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

**Keywords:** Droughts, Greenhouse Effect, Environmental Impacts.

**N20040027705**

Cause of the 1930s Dust Bowl.

NASA Goddard Space Flight Center.

2004, 23p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

48 (Natural Resources & Earth Sciences)

**Keywords:** Dust storms, Atmospheric general circulation models, Earth surface.

**Key to Database Fields Used**

The following NTIS database fields are used in this short listing of recently acquired technical reports.

- **NTIS Order Number**
- **Title**
- **Source**
- **Report Year, Page Count**
- **Report Number/ISBN13** (if available)
- **Related Categories/Sub-categories** (where the document is also indexed)
- **Keywords**

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- “Can find tech reports from many agencies in one place rather than browsing/searching the web for individual agencies.”

## Major Subject Categories

Category Codes*/Title	New for November Quantity**
41 Manufacturing Technology .....	51
43 Problem Solving Information for State & Local Governments.....	320
44 Health Care.....	220
45 Communication .....	59
46 Physics.....	246
47 Ocean Sciences & Technology.....	86
48 Natural Resources & Earth Sciences .....	310
49 Electrotechnology .....	61
50 Civil Engineering.....	100
51 Aeronautics & Aerodynamics .....	77
54 Astronomy & Astrophysics.....	80
55 Atmospheric Sciences.....	74
57 Medicine & Biology .....	519
62 Computers, Control & Information Theory.....	131
63 Detection & Countermeasures.....	39
68 Environmental Pollution & Control.....	362
70 Administration & Management.....	222
71 Materials Sciences.....	103
72 Mathematical Sciences.....	68
74 Military Sciences .....	290
75 Missile Technology .....	0
76 Navigation, Guidance, & Control .....	9
77 Nuclear Science & Technology .....	107
79 Ordnance.....	21
81 Combustion, Engines, & Propellants.....	35
82 Photography & Recording Devices.....	10
84 Space Technology .....	87
85 Transportation .....	212
88 Library & Information Sciences.....	89
89 Building Industry Technology.....	58
90 Government Inventions for Licensing.....	0
91 Urban & Regional Technology & Development.....	368
92 Behavior & Society.....	385
94 Industrial & Mechanical Engineering .....	64
95 Biomedical Technology & Human Factors Engineering.....	31
96 Business & Economics.....	126
97 Energy .....	213
98 Agriculture & Food .....	112
99 Chemistry.....	89

\* *Scope Notes define the specific topical content for each category;*

<http://www.ntis.gov/pdf/scopenotes.pdf>

\*\* *Quantities represent each new report assigned on average to 3-5 categories.*

### N9210239

Thoughts on Abatement and Adaptation. California Univ., San Diego, La Jolla. Div. of Physiology.

1991, 8p

**Related Categories/Sub-Categories:**

68A (Air Pollution & Control)  
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
48D (Forestry)  
97R (Environmental Studies)

**Keywords:** Atmospheric composition, Atmospheric heating, Greenhouse effect.

### ADA554066

Climate Change, Fuels, and Wildfire.

Strategic Environmental Research and Development Program, Arlington, VA.

2011, 30p

**Related Categories/Sub-Categories:**

48D (Forestry)  
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
57H (Ecology), 48 (Natural Resources & Earth Sciences)  
48F (Geology & Geophysics)

**Keywords:** California, Carbon dioxide, Climate change.

### ADA554338

Climate Change Adaptation - Challenges and Opportunities.

Department of the Interior, Washington, DC.

2011, 17p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
70F (Public Administration & Government)

**Keywords:** Climate, Operational readiness, Weather.

### ADA556519

Sharing and Shaping Usable Science through the Inter-Agency Climate Change Forum.

Corps of Engineers, Washington, DC.

2011, 13p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting), 70F (Public Administration & Government)

**Keywords:** Climate change, Workshops, United States Government.

## Subject Category Codes/Classification

NTIS classifies citations into 39 subject categories. Each of these subject categories is divided into subcategories. This method provides sorting categories for both hard and soft sciences. All subject categories consist of three character codes: two numerics and one alpha character. The numeric codes represent entire categories the alpha codes are used to designate subcategories within these broad categories. The number of NTIS subcategories posted to an information product average from three to five, although there are some reports with more.

**ADA557943**

Climate Change and Baleen Whale Trophic Cascades in Greenland.  
Washington Univ., Seattle. Polar Science Center.  
2012, 6p  
GC1-A-27572

**Related Categories/Sub-Categories:**

57C (Botany)  
57Z (Zoology)  
57H (Ecology)  
47D (Biological Oceanography)  
**Keywords:** Climate change, Whales, Arctic regions.

**ADA559177**

Department of Defense and Climate Change: Initiating the Dialogue.

Deputy Director of Defense Research and Engineering, Arlington, VA. Strategic Environmental Research and Development.  
2012, 92p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
97R (Environmental Studies)  
74 (Military Sciences)  
**Keywords:** Climate, Environmental impact, Facilities.

**ADA562072**

Estimating Climate Change Effects on Installation Energy Use.

Center for Naval Analyses, Alexandria, VA.  
2012, 33p  
CNA-DOP-2012-U-000800

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
70E (Research Program Administration & Technology Transfer)  
**Keywords:** Climate change, Ecosystems, Energy management.

**ADA564213**

U.S. Navy's Arctic Roadmap: Adapting to Climate Change in the High North.

Office of the Oceanographer of the Navy, Alexandria, VA.  
2011, 21p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
92 (Behavior & Society)  
48 (Natural Resources & Earth Sciences)  
74 (Military Sciences)  
74G (Military Operations Strategy, & Tactics)  
**Keywords:** Arctic Ocean, Climate change, Interagency coordination.

**DE20111013075**

Climate Change, Nuclear Power and Nuclear Proliferation: Magnitude Matters. Updated April 2011.

Princeton Univ., NJ. Plasma Physics Lab.  
2011, 50p  
PPPL-4617

**Related Categories/Sub-Categories:**

46 (Physics)  
97B (Energy Use, Supply, & Demand)  
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
77K (Reactor Physics)  
**Keywords:** Plasma physics, Carbon sequestration, Climates.

**DE20111028810**

Effects of Climate Change on Watershed Runoff Flow: Upper Coosa River Basin Upstream from Plant Hammond.

Savannah River National Lab., Aiken, SC. Savannah River Nuclear Solutions.  
2011, 48p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
48G (Hydrology & Limnology)  
48B (Natural Resource Management)  
68D (Water Pollution & Control)  
**Keywords:** Climate change, Watersheds, Runoff.

**DE20121034526**

Radiation and Climate: Clouds, Aerosols, Precipitation and their Role in Climate and Climate Change. Gordon Research Conference on July 10-15 2011 at Colby College, Waterville, Maine.

Gordon Research Conferences, Inc., West Kingston, RI.  
2012, 13p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
55E (Physical Meteorology)  
68A (Air Pollution & Control)  
**Keywords:** Aerosols, Climate change, Clouds.



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- Communication
- Computers, Control & Information Theory
- Electrotechnology
- Energy
- Environmental Pollution and Control
- Government Inventions for Licensing
- Health Care
- Manufacturing Technology
- Materials Sciences
- Ocean Sciences and Technology
- Transportation

Photo: Architect of the Capitol



**DE20121043882**

Predicting the Impacts of Climate Change on Animal Distributions: The Importance of Local Adaptation and Species' Traits, (Final Report).

Notre Dame Univ., IN.

2011, 12p

DOE-UND-64023

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

68A (Air Pollution & Control)

57H (Ecology)

**Keywords:** Climate change, Animals, Species diversity.

**DE20121047628**

Development of Low Global Warming Potential Refrigerant Solutions for Commercial Refrigeration Systems using a Life Cycle Climate Performance Design Tool.

Oak Ridge National Lab., TN.

2012, 10p

**Related Categories/Sub-Categories:**

68A (Air Pollution & Control)

55 (Atmospheric Sciences)

97J (Heating & Cooling Systems)

97B (Energy Use, Supply, & Demand)

**Keywords:** Global warming, Climate, Refrigerants.

**DE20121048304**

Ecosystem Feedbacks to Climate Change in California: Development, Testing, and Analysis Using a Coupled Regional Atmosphere and Land-Surface Model (WRF3-CLM3.5).

Lawrence Berkeley Lab., CA. Earth Sciences Div.

Utah State Univ., Logan. Watershed Science Unit.

2011, 99p

LBNL-4970E

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

57H (Ecology)

**Keywords:** Climate change, Ecosystems, California.

**ERSERR111**

Climate Change Policy and the Adoption of Methane Digesters on Livestock Operations. Economic Research Service, Washington, DC.

2011, 48p

**Related Categories/Sub-Categories:**

98B (Agricultural Economics)

96A (Domestic Commerce, Marketing, & Economics)

**Keywords:** Climate change, Livestock operations, Methane.

**PB2009102442**

International Climate Change Programs: Lessons Learned from the European Union's Emissions Trading Scheme and the Kyoto Protocol's Clean Development Mechanism.

Government Accountability Office, Washington, DC.

2008, 69p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

91A (Environmental Management & Planning)

68A (Air Pollution & Control), 92E (International Relations)

**Keywords:** Climate change, International policies, Greenhouse gas emissions.

**DE86014035**

Detection of CO sub 2 -Induced Climate Change. Progress Report, 1 December 1985-15 July 1986.

University of East Anglia, Norwich (England).

Climatic Research Unit.

1986, 23p

DOE/ER/60397-1

**Related Categories/Sub-Categories:**

55F (Weather Modification)

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

68A (Air Pollution & Control)

97R (Environmental Studies)

**Keywords:** Carbon Dioxide, Climates, Ambient Temperature.

**DE87013127**

Detection of CO sub 2 -Induced Climate Change: Progress Report, 16 July 1986-15 July 1987.

University of East Anglia, Norwich (England).

Climatic Research Unit.

1987, 18p

DOE/ER/60397-T1

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

55F (Weather Modification)

68A (Air Pollution & Control)

97R (Environmental Studies)

**Keywords:** Carbon Dioxide, Environmental Effects, Ambient Temperature.

**PB2000102208**

Science of Climate Change. Global and U.S. Perspectives.

National Center for Atmospheric Research, Boulder, CO.

1999, 51p

**Related Categories/Sub-Categories:**

55 (Atmospheric Sciences)

68 (Environmental Pollution & Control)

97R (Environmental Studies)

**Keywords:** Climate change, Greenhouse effect, Science and technology.

**PB2008100496**

Climate Change: The Kyoto Protocol and International Actions. CRS Report for Congress.

Congressional Research Service, Washington, DC.

2007, 19p

CRS-RL33826

**Related Categories/Sub-Categories:**

68A (Air Pollution & Control)

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

**Keywords:** Climatic changes, Air pollution abatement, International agreements.

**PB2008110913**

Climate Change: The EU Emissions Trading Scheme (ETS) Enters Kyoto Compliance Phase. CRS Report for Congress (Updated February 11, 2008).

Congressional Research Service, Washington, DC.

Resources, Science, and Industry Div.

2008, 30p

**Related Categories/Sub-Categories:**

68A (Air Pollution & Control)

68 (Environmental Pollution & Control)

**Keywords:** Emission, Air pollution control, Climatic change.

**PB2008108904**

Climate Change: What Does It Mean for the Central Southwest. EPA Regional Conference Held in Dallas, Texas on October 30, 1997.

Environmental Protection Agency, Washington, DC. Office of Policy, Planning and Evaluation.

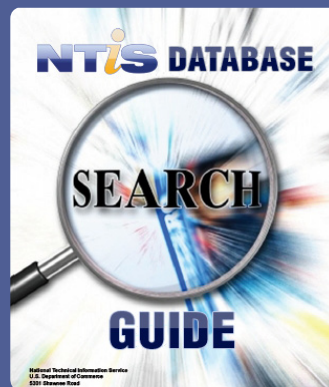
1997, 12p

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

68A (Air Pollution & Control)

**Keywords:** Climate change, Meetings, Global aspects.

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**N20110012851**

Climate Change, Extreme Weather Events, and Fungal Disease Emergence and Spread.

Goddard Space Flight Center, Greenbelt, MD. 2011, 19p  
GSFC.BOOK.4413.2011

**Related Categories/Sub-Categories:**

57 (Medicine & Biology), 57E (Clinical Medicine)  
**Keywords:** Climate change, Fungal diseases, Weather.

**N20110014611**

Conundrum of Impacts of Climate Change on Urbanization and the Urban Heat Island Effect.

National Aeronautics and Space Administration, Huntsville, AL. George C. Marshall Space Flight Center.

2011, 44p  
M11-0330, M11-0420

**Related Categories/Sub-Categories:**

48C (Natural Resource Surveys)  
55E (Physical Meteorology), 68A (Air Pollution & Control)  
**Keywords:** Cities, Climate change, Heat islands,.

**N20110015782**

Climate Change Impacts and Responses: Societal Indicators for the National Climate Assessment.

National Aeronautics and Space Administration, Huntsville, AL. George C. Marshall Space Flight Center. 2011, 138p  
M11-0903

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
**Keywords:** Climate change, Decision making, Lessons learned.

**N20110024031**

NASA/DFRC Workshop on Climate Change Adaptation: Assessing Climate Variability and Change.

National Aeronautics and Space Administration, Edwards, CA. Hugh L. Dryden Flight Research Center. 2011, 69p  
DFRC-E-DAA-TN4158

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
**Keywords:** Climate change, Adaptation, Mojave Desert (CA).

**N20120008475**

NASA Earth Science Data Analysis for Climate Change Decisions.

Goddard Space Flight Center, Greenbelt, MD. 2012, 33p  
GSFC.OVPR.5851.2012, GSFC.OVPR.6161.2012

**Related Categories/Sub-Categories:**

48 (Natural Resources & Earth Sciences)  
**Keywords:** Climate change, Earth sciences, Decision making.

**N20120009471**

Climate Change Detection and Attribution of Infrared Spectrum Measurements.

National Aeronautics and Space Administration, Langley Station, VA. Langley Research Center. 2012, 9p  
NF1676L-13885

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
**Keywords:** Climate change, Detection, Infrared spectra.

**PB2011103444**

Our Common Purpose: Addressing Climate Change.

Department of State, Washington, DC. 2011, 16p

**Related Categories/Sub-Categories:**

48D (Forestry)  
98G (Agriculture Resource Surveys)  
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
48B (Natural Resource Management)  
**Keywords:** Land use planning, Climate change, Forest land.

**PB2011105654**

Addressing Climate Change in Long-Term Water Resources Planning and Management. User Needs for Improving Tools and Information.

Bureau of Reclamation, Denver, CO. Technical Service Center. Corps of Engineers, Washington, DC. Inst. for Water Resources. Corps of Engineers, San Francisco, CA. South Pacific Div. Corps of Engineers, Tulsa, OK. Tulsa District. Corps of Engineers, Davis, CA. Hydrologic Engineering Center. 2011, 393p  
CWTS 10-12

**Related Categories/Sub-Categories:**

48B (Natural Resource Management)  
48G (Hydrology & Limnology)  
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
68D (Water Pollution & Control)  
**Keywords:** Water resources management, Climate change, Water management.

**PB2011107100**

Laurentian Great Lakes Basin Climate Change Adaptation.

Michigan Univ., Ann Arbor. School of Natural Resources. National Ocean Service, Rockville, MD. Minnesota Sea Grant Program, Duluth. Ohio Sea Grant Coll. Program, Columbus. Saint Lawrence Seaway Development Corp., Washington, DC. 2011, 43p  
NOAA TM GLERL-153

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
68 (Environmental Pollution & Control)  
48B (Natural Resource Management)  
47 (Ocean Sciences & Technology)  
**Keywords:** Climate change, Great Lakes, Weather forecasting.

**PB2011107331**

Climate Change Vulnerability Assessments: Four Case Studies of Water Utility Practices.

Straus Consulting, Inc., Boulder, CO. Abt Associates, Inc., Cambridge, MA. Environmental Protection Agency, Washington, DC. Office of Research and Development. 2011, 72p  
EPA/600/R-10/077F

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
48G (Hydrology & Limnology)  
68D (Water Pollution & Control),  
91A (Environmental Management & Planning),  
43F (Environment)  
**Keywords:** Climate change, Water resources, Water utilities.

**PB2011107473**

Spatial Synoptic Classification Approach to Projected Heat Vulnerability in California Under Future Climate Change Scenarios.

Kent State Univ., OH. Dept. of Geography. Univ. of Miami, Coral Gables, FL. Dept. of Geography and Regional Studies. 2011, 155p

**Related Categories/Sub-Categories:**

55E (Physical Meteorology)  
**Keywords:** Climate change, Heat vulnerability, California.

**PB2011107511**

Climate Change Issues: Options for Addressing Challenges to Carbon Offset Quality.

Government Accountability Office, Washington, DC. 2011, 42p  
GAO-11-345

**Related Categories/Sub-Categories:**

97R (Environmental Studies)  
68A (Air Pollution & Control)  
55E (Physical Meteorology)  
96 (Business & Economics)  
**Keywords:** Climate change, Greenhouse gases, Cost containment.

**PB2012100672**

Climate Change, the Indoor Environment, and Health.

Institute of Medicine, Washington, DC. 2011, 286p

**Related Categories/Sub-Categories:**

68A (Air Pollution & Control)  
68G (Environmental Health & Safety)  
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)  
**Keywords:** Indoor air pollution, Climate change, Environmental exposure.

**PB201111411**

Climate Change: Improvements Needed to Clarify National Priorities and Better Align Them with Federal Funding Decisions.

Government Accountability Office, Washington, DC.

2011, 95p

GAO-11-317

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

48 (Natural Resources & Earth Sciences),

68 (Environmental Pollution & Control)

**Keywords:** Climate change, Management planning and control, Federal funds.

**PB2011108883**

Project Plan: Surficial Geologic Mapping and Hydrogeologic Framework Studies in the Greater Platte River Basins

Central Great Plains) in Support of Ecosystem and Climate Change Research.

Geological Survey, Denver, CO.

2011, 40p

USGS-OFR-2011-1010

**Related Categories/Sub-Categories:**

48B (Natural Resource Management)

57H (Ecology)

**Keywords:** Greater Platte River Basins, Central Great Plains, Climate change.

**PB2011110263**

SECURE Water Act Section 9503(c)-Reclamation Climate Change and Water 2011.

Bureau of Reclamation, Washington, DC.

2011, 226p

**Related Categories/Sub-Categories:**

48B (Natural Resource Management)

**Keywords:** Reclamation, Climate change, Water.

**PB2011110606**

Frontiers in Understanding Climate Change and Polar Ecosystems: Summary of a Workshop.

National Research Council, Washington, DC. Division on Earth and Life Studies.

2011, 86p

ISBN-13-978-0-309-21087-4

**Related Categories/Sub-Categories:**

55E (Physical Meteorology)

57H (Ecology)

48H (Snow, Ice, & Permafrost)

**Keywords:** Climate change, Polar regions, Ecosystems.

**PB2011110766**

Effects of Climate Change on Natural Resources and Communities: A Compendium of Briefing Papers.

Forest Service, Portland, OR. Pacific Northwest Research Station.

2011, 182p

FSGTR-PNW-837

**Related Categories/Sub-Categories:**

48B (Natural Resource Management)

55E (Physical Meteorology)

91A (Environmental Management & Planning)

43F (Environment)

**Keywords:** Natural resources, Communities, Wildlife.

**PB2009110546**

Comprehensive Staff Analysis of the Economic Impact of the Waxman/Markey Cap-and-Trade Legislation.

Committee on Oversight and Government Reform. (U.S. House).

2009, 66p

**Related Categories/Sub-Categories:**

96 (Business & Economics)

97G (Policies, Regulations & Studies)

**Keywords:** Economic impacts, Housing, Manufacturing, Legislation.

**PB2011103284**

Managing Allowance Prices in a Cap-and-Trade Program.

Congressional Budget Office, Washington, DC.

2010, 32p

CBO/PUB-4081

**Related Categories/Sub-Categories:**

96A (Domestic Commerce, Marketing, & Economics)

68A (Air Pollution & Control)

**Keywords:** Greenhouse gases, Emissions, Prices.

**PB2011107758**

Cap and Trade Offsets and Implications for Alaska.

Washington Univ., Seattle. Alaska Univ., Palmer.

Forest Service, Portland, OR. Pacific Northwest Research Station

2011, 34p

PNW-GTR-836

**Related Categories/Sub-Categories:**

48D (Forestry)

68A (Air Pollution & Control)

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

96 (Business & Economics)

**Keywords:** Forests, Carbon dioxide sinks, Carbon trading offsets.

**DE95766696**

Proceedings of the African conference on policy options and responses to climate change.

Stockholm Environment Inst. (Sweden).

1995, 79p

ISBN 91-88714-14-4

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

68 (Environmental Pollution & Control)

97G (Policies, Regulations & Studies)

97R (Environmental Studies)

96G (Foreign Industry Development & Economics)

**Keywords:** Africa, Energy Policy, Climatic Change.

**FREE DOWNLOAD PB2001101196**

Climate Change and Oklahoma.

Environmental Protection Agency, Washington, DC. Office of Policy, Planning and Evaluation.

2001, 4p

EPA/236/F-98/007T

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

68A (Air Pollution & Control)

**Keywords:** Climate changes, Oklahoma, Precipitation.

**FREE DOWNLOAD N20110012847**

Agriculture and Climate Change.

Goddard Space Flight Center, Greenbelt, MD.

2011, 5p

GSFC.CPR.4368.2011

**Related Categories/Sub-Categories:**

55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

**Keywords:** Climate change, Agriculture, Africa.

**FREE DOWNLOAD N20120011573**

Cloud Greenhouse Effect on Mars: Significant Climate Change in the Recent Past.

National Aeronautics and Space Administration Moffett Field, CA. Ames Research Center.

2012, 3p

ARC-E-DAA-TN4676

**Related Categories/Sub-Categories:**

54 (Astronomy & Astrophysics)

84B (Extraterrestrial Exploration)

**Keywords:** Carbon dioxide, Climate change, Greenhouse effect.

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## 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.

NTIS Number	Category	Title
PB2011105654	48	Addressing Climate Change in Long-Term Water Resources Planning and Management. User Needs for Improving Tools and Information.
PB2013101792	48	Addressing Climate Change in Long-Term Water Resources Planning and Management. User Needs for Improving Tools and Information. Executive Summary.
PB2011107758	48	Cap and Trade Offsets and Implications for Alaska.
N20040027705	55	Cause of the 1930s Dust Bowl.
ADA554338	55	Climate Change Adaptation - Challenges and Opportunities.
ADA557943	57	Climate Change and Baleen Whale Trophic Cascades in Greenland.
N20120009471	55	Climate Change Detection and Attribution of Infrared Spectrum Measurements.
PB2013101581	55	Climate Change Education: Formal Settings, K-14. A Workshop Summary.
N20110015782	55	Climate Change Impacts and Responses: Societal Indicators for the National Climate Assessment.
PB2011107511	97	Climate Change Issues: Options for Addressing Challenges to Carbon Offset Quality.
ERSERR111	98	Climate Change Policy and the Adoption of Methane Digesters on Livestock Operations.
PB2011107331	55	Climate Change Vulnerability Assessments: Four Case Studies of Water Utility Practices.
N20110012851	57	Climate Change, Extreme Weather Events, and Fungal Disease Emergence and Spread.
ADA554066	48	Climate Change, Fuels, and Wildfire.
DE20111013075	46	Climate Change, Nuclear Power and Nuclear Proliferation: Magnitude Matters. Updated April 2011.
PB2012100672	68	Climate Change, the Indoor Environment, and Health.
PB2013101366	55	Climate Change: Evidence, Impacts, and Choices. Answers to Common Questions about the Science of Climate Change.
PB2011111411	55	Climate Change: Improvements Needed to Clarify National Priorities and Better Align Them with Federal Funding Decisions.
PB2008110913	68	Climate Change: The EU Emissions Trading Scheme (ETS) Enters Kyoto Compliance Phase. CRS Report for Congress (Updated February 11, 2008).
PB2008100496	68	Climate Change: The Kyoto Protocol and International Actions. CRS Report for Congress.
PB2008108904	55	Climate Change: What Does It Mean for the Central Southwest. EPA Regional Conference Held in Dallas, Texas on October 30, 1997.
PB2009110546	96	Comprehensive Staff Analysis of the Economic Impact of the Waxman/Markey Cap-and-Trade Legislation.
PB2013101178	43	Comprehensive Strategy for Reducing Maryland's Vulnerability to Climate Change. Phase 2: Building Societal, Economic, and Ecological Resilience.
ADA553050	55	Consequential Challenges of Climate Change.
N20110014611	48	Conundrum of Impacts of Climate Change on Urbanization and the Urban Heat Island Effect.
ADA559177	55	Department of Defense and Climate Change: Initiating the Dialogue.
DE86014035	55	Detection of CO sub 2 -Induced Climate Change. Progress Report, 1 December 1985-15 July 1986.
DE87013127	55	Detection of CO sub 2 -Induced Climate Change: Progress Report, 16 July 1986-15 July 1987.
DE20121047628	68	Development of Low Global Warming Potential Refrigerant Solutions for Commercial Refrigeration Systems using a Life Cycle Climate Performance Design Tool.
DE94017472	68	Dust Bowl migration as an analog for possible global warming-induced migration from Mexico.
DE20121048304	55	Ecosystem Feedbacks to Climate Change in California: Development, Testing, and Analysis Using a Coupled Regional Atmosphere and Land-Surface Model (WRF3-CLM3.5).
PB2011110766	48	Effects of Climate Change on Natural Resources and Communities: A Compendium of Briefing Papers.
DE20111028810	55	Effects of Climate Change on Watershed Runoff Flow: Upper Coosa River Basin Upstream from Plant Hammond.
ADA562072	55	Estimating Climate Change Effects on Installation Energy Use.
PB2013101626	48	Forest Adaptation Resources: Climate Change Tools and Approaches for Land Managers.
PB2013101752	91	Fourth International Symposium on Fire Economics, Planning, and Policy: Climate Change and Wildfires, Mexico City, Mexico, November 5-11, 2012.



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NTIS Number	Category	Title
PB2011110606	55	Frontiers in Understanding Climate Change and Polar Ecosystems: Summary of a Workshop.
PB2013100480	85	Geographic Information Systems Applications for Climate Change Decision-Making Peer Exchange Summary Report Atlanta, Georgia, September 26-27, 2011.
PB2009102442	55	International Climate Change Programs: Lessons Learned from the European Union's Emissions Trading Scheme and the Kyoto Protocol's Clean Development Mechanism.
PB2013101179	55	Iowa Climate Change Adaptation and Resilience Report.
PB2011107100	55	Laurentian Great Lakes Basin Climate Change Adaptation.
PB2011103284	96	Managing Allowance Prices in a Cap-and-Trade Program.
N20120008475	48	NASA Earth Science Data Analysis for Climate Change Decisions.
N20110024031	55	NASA/DFRC Workshop on Climate Change Adaptation: Assessing Climate Variability and Change.
PB2013101183	55	ODOT's (Oregon Department of Transportation) Climate Change Adaptation Strategy Report.
PB2011103444	48	Our Common Purpose: Addressing Climate Change.
DE20121043882	55	Predicting the Impacts of Climate Change on Animal Distributions: The Importance of Local Adaptation and Species' Traits, (Final Report).
DE95766696	55	Proceedings of the African conference on policy options and responses to climate change.
PB2011108883	48	Project Plan: Surficial Geologic Mapping and Hydrogeologic Framework Studies in the Greater Platte River Basins
DE20121034526	55	Radiation and Climate: Clouds, Aerosols, Precipitation and their Role in Climate and Climate Change. Gordon Research Conference on July 10-15 2011 at Colby College, Waterville, Maine.
ADA552760	55	Report of the Defense Science Board Task Force on Trends and Implications of Climate Change on National and International Security.
PB2000102208	55	Science of Climate Change. Global and U.S. Perspectives.
PB2011110263	48	SECURE Water Act Section 9503(c)-Reclamation Climate Change and Water 2011.
ADA556519	55	Sharing and Shaping Usable Science through the Inter-Agency Climate Change Forum.
PB2011107473	55	Spatial Synoptic Classification Approach to Projected Heat Vulnerability in California Under Future Climate Change Scenarios.
PB2013100507	55	Thinking Strategically: The Appropriate Use of Metrics for the Climate Change Science Program.
N9210239	68	Thoughts on Abatement and Adaptation.
ADA553407	55	Trends and Implications of Climate Change for National and International Security.
ADA564213	55	U.S. Navy's Arctic Roadmap: Adapting to Climate Change in the High North.

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