

# Betty Petersen Memorial Library News

NOAA Science Center

Vol. 2, No. 4

## Special points of interest:

- New seminar: Introduction to Endnote Web
- Call into Brown Bag presentations at NOAA Central Library
- Check out NWS education materials
- Several new items added to the catalog

## Upcoming Orientations and workshops for April

**Library Orientation:** Friday, April 10 at 12pm in WWB Rm 103 (library)

New to the NOAA Science Center Building? Unfamiliar with NOAA Library resources? The Betty Petersen Memorial Library offers a 20 minute library orientation once a month. Come familiarize yourself with the library collection and learn about resources available to you from your workstation desktop.



**Intro to Endnote Web:** Thursday, April 30, 10am-11am, Conf. Rm 209:

Learn How To:

- Navigate the EndNote Web

interface

- Import and build a citations database suited to your research needs
- Export your citations to an important research project
- Use EndNote Web with Web of Science and other applications

This will be a webinar training session with Tracy Matthews of Thomson Reuters.

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## Upcoming NOAA Central Library Brown Bag Presentations

**April 3 at 12 noon**  
Dr. Yi Ming of NOAA's Geophysical Fluid Dynamics Lab will present "Formation and Climate Impacts of Arctic Haze." The seminar is part of the [NODC International Polar Year \(IPY\) Seminar Series](#)

**April 15 at 12 noon**  
Dr. Igor Krupnik, Smithsonian Institution, will present "IPY and Indigenous People: Local Knowledge Contributes to the Study of Arctic Change." The seminar is part of the [NODC International Polar Year \(IPY\) Seminar Series](#)

**April 30 at 12 noon**

Dr. Kelly K. Falkner (Program Director, Antarctic Integrated System Science, Office of Polar Programs, National Science Foundation, will present "The Antarctic Integrated System Science on the Antarctic Peninsula." The seminar is part of the [NODC International Polar Year \(IPY\) Seminar Series](#)

**April 30 from 2:00-3:15 pm**  
Training for NOAA staff on the use of CSA Illumina databases, including Aquatic Science and Fisheries Abstracts, Toxline, Meteorological and Geostrophical Abstracts, Oceanic Abstracts, Water Resources Abstract, Conference Papers

Index, and BioOne Abstracts and Indexes. See the library website for access to these databases: <http://www.lib.noaa.gov/researchtools/journals/databases.html>. Training will also be available via webinar. Please register by sending an email to [Library.Reference@noaa.gov](mailto:Library.Reference@noaa.gov). Indicate preference for in-person attendance or webinar.

Call-in information:  
866-631-5469  
passcode: 3958086

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## New books from National Academies Press



**National Academies Press books are available in pdf online, or print copies can be ordered for free for requesters using a government email address.**

### [Informing Decisions in a Changing Climate](#) (2009)

Description: Climate change will create a novel and dynamic decision environment that cannot be envisioned from past experience. Moreover, climatic changes will be superimposed on social and economic changes that are altering the climate vulnerability of different regions and sectors of society, as well as their ability to cope. Decision makers will need new kinds of information and new ways of thinking and learning to function effectively in a chang-

ing climate.

[Read the press release](#)

### [Restructuring Federal Climate Research to Meet the Challenges of Climate Change](#) (2009)

Description: Climate change is one of the most important global environmental problems facing the world today. Policy decisions are already being made to limit or adapt to climate change and its impacts, but there is a need for

greater integration between science and decision making. This book proposes six priorities for restructuring the United States' climate change research program to develop a more robust knowledge base and support informed responses.

## Education Materials from the National Weather Service



Many people in the building ask about weather-related educational materials when presenting to K-12 students. The National Weather Service Outreach Program produces a variety of materials just for these occasions! Here are some of the materials available for download or via the Outreach Office in Silver Spring:

[Owlie Skywarn's Weather Coloring Book](#) (K-5)

[Billy and Maria: a series of Coloring Books for Children who want to learn more about Weather](#) (K-5)

[Sky Watcher Cloud Chart](#) (all ages)- print copies of this poster are also available in the library

[Weather Ranger bookmarks](#) (all ages)

[Night of Thousand Trains](#) - Printable pdf of tornado safety

information

Check out more materials here: <http://www.education.noaa.gov/sweather.html>

For print copies of posters, DVDs, CD-ROMs, or for more ideas, contact Ron Gird at 301-713-0090 x 154 or [ron.gird@noaa.gov](mailto:ron.gird@noaa.gov)



**Do you have any programming skills you'd like to share?**

## Call for presenters for technical topics

The library has launched a new series of seminars focused on technical subjects.

The next presentation in this series will take place in May with a presentation on GrADS..

if you are interested in presenting on any of the following topics, please contact the librarian at mi-

[chelle.k.campbell@noaa.gov](mailto:chelle.k.campbell@noaa.gov)

- Java
- PHP
- Fortran
- C, C++
- Python
- Ruby

- ASP
- Google Earth
- Any other topics of interest

If there are any other software programs or languages that you would like to present, or to see presented, please notify the librarian.

## New additions to the library catalog

Archer, D., 2007: *Global warming : understanding the forecast*. Blackwell Pub

Burroughs, W. J., 2007: *Climate change : a multidisciplinary approach*. 2nd ed. Cambridge University Press

Clift, P. D. and R. A. Plumb, 2008: *The Asian monsoon : causes, history and effects*. Cambridge University Press

Proceedings of the third Workshop on the Atmospheric Chemistry Validation of ENVISAT (ACVE-3) 4-7 May 2006, ESRIN Frascati, Italy. 1 CD-ROM.

Eiben, A. E. and J. E. Smith, 2003: *Introduction to evolutionary computing*. Springer

Fiolek, A., J. Trigg, E. Kalnay, and NOAA Central Library., 2004: *U.S. Joint Numerical Weather Prediction Unit : a selected bibliography*. U.S. Dept. of

Commerce, NOAA, NESDIS, NODC NOAA Central Library, 34 p.

Haupt, S. E., A. Pasini, and C. Marzban, 2009: *Artificial intelligence methods in the environmental sciences*. Springer

Ji, Z.-G., 2008: *Hydrodynamics and water quality : modeling rivers, lakes, and estuaries*. Wiley-Interscience

Proceedings of the First Atmospheric Science Conference 8 - 12 May 2006, ESRIN, Frascati, Italy. 1 CD-ROM.

Lin, Y.-L., 2007: *Mesoscale dynamics*. Cambridge University Press

Marshall, J. and R. A. Plumb, 2008: *Atmosphere, ocean, and climate dynamics : an introductory text*. International geophysics series, Elsevier Academic Press

Moldwin, M., 2008: *An introduc-*

*tion to space weather*. Cambridge University Press

Ohring, G., J. G. Anderson, US NOAA (U.S.), 2007: *Achieving Satellite Instrument Calibration for Climate Change (ASIC p3 s)* report of a workshop organized by NOAA ... at the National Conference Center, Lansdowne, VA, May 16-18, 2006.

Press, W. H., 2007: *Numerical recipes : the art of scientific computing*. 3rd ed. Cambridge University Press

Quigley, E., 2008: *Perl by example*. 4th ed. Prentice Hall

Richards, M. A., 2005: *Fundamentals of radar signal processing*. McGraw-Hill professional engineering, McGraw-Hill

Wallace, J. M. and P. V. Hobbs, 2006: *Atmospheric science : an introductory survey*. 2nd ed. International geophysics series, Elsevier Academic Press



To locate these or any other books in the library collection, check the library catalog at <http://www.lib.noaa.gov/uhtbin/webcat/> Make sure to select Betty Petersen Memorial Reading Room as your library!

To reserve any of these items, please email

[michelle.k.campbell](mailto:michelle.k.campbell@noaa.gov)

[@noaa.gov](mailto:@noaa.gov)

## Expanded eBook access— only a few more weeks!

The NOAA Science Center Library is participating in a Springerlink eBook trial **through April 30th**. You can access these electronic books from your desktop in the NOAA Science Center. To view titles, go to <http://www.springerlink.com/>

The trial includes access to all English/International language content from 2005-2009 as well as book series dating back to 1997. This constitutes close to 12,000 titles. **There are over 800 titles in the Earth Sciences alone**, with many titles in Meteorology, Climatology, and the Ocean Sci-

ences.

Springer eBooks are available in PDF format. **Springer eBooks can be saved as PDFs on a user's computer. PDFs can also be printed for later use.**

Printing and saving material is subject to fair use practices such that the copyright of the work is honored.

Just a few of the titles of interest: [Krishnamurti. An Introduction to Global Spectral Modeling \(2006\)](#)

[Sharkov. Breaking Ocean Waves: Geometry, Structure and Remote Sensing \(2007\)](#)

[Park \(ed.\), Data Assimilation for Atmospheric, Oceanic and Hydrologic Applications \(2009\)](#)

[Goudie et al. Desert Dust in the Global System \(2006\)](#)

[Saha. The Earth's Atmosphere: Its Physics and Dynamics \(2008\)](#)

[Lau et al. Intraseasonal Variability in the Atmosphere-Ocean Climate System \(2005\)](#)

[Shao. Physics and Modelling of Wind Erosion \(2005\)](#)



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