January 2009

Betty Petersen Memorial Library News

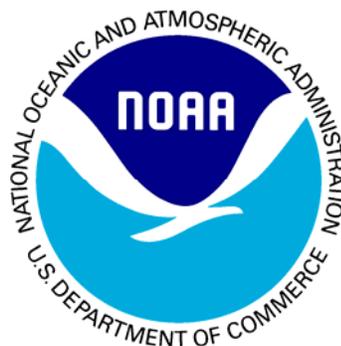NOAA Science Center   Vol. 2, No. 1

Upcoming Orientations and workshops for December

Library Orientation: Friday, Jan 9 at 12pm in WWB Rm 103 (library)

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

Introduction to C/C++ for For- tran Programmers: Thursday, Jan 29, 10:30am-11:30am, Conf. Rm 707:

We'll discuss general structure of both C and C++, and the

object-orientation of C++. In our hour, we'll see why it is that people sometimes choose to use these languages rather than Fortran. Specific exam- ples will be taken from NCEP Operations, the MMAB- lib. We'll also discuss materi- als held by the library as tools for learning enough about ei- ther or both languages to be able to work with programs in these languages or to start writing modest ones yourself.

Upcoming Endnote Webinar Trainings

EndNote is a bibliographic management tool available NOAA-wide. It allows users to:

- Search bibliographic data- bases on the Internet.

- Organize references, im- ages, PDFs and other files

- Cite while you write

- Collaborate using EndNote Web, the Web-based re- search and writing tool

Thomson offers free web- based training sessions regu- larly on Endnote. Upcoming trainings in January:

Building Your Endnote Li- brary

1/6/09 at 1pm

1/21/09 at 1pm

1/29/09 at 3:30pm

Using EndNote in Micro- soft Word

1/6/09 at 3pm

1/21/09 at 3pm

1/29/09 at 8:30pm

Sign up for these web-based training sessions, and view other pre-recorded trainings, at http://www.endnote.com/ training/

To learn more about downloading Endnote for free, see http://www.nites.noaa.gov/ bpa/display.asp?bpaID=6

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Links of Interest

Climate Feedback Climate Feedback is a blog hosted by Nature Reports: Climate Change to facilitate lively and informative discussion on the science and wider implications of global warming. The blog aims to be an informal forum for debate and commentary on climate science in journals, in the news, and in the world at large.

What We've Learned in 2008 A 2008 climate science year-in-review, published by Nature Reports: Climate Change

National Oceanic and Atmospheric Administration Strategic Plan FY 2009-2014 (pdf) Print copy available in library.

Webcasts from the 2008 AGU Fall Meeting The Frontiers of Geophysics Lecture plus one session daily were web cast live from the December American Geophysical Union meeting.

IT Resources at the Betty Petersen Memorial Library website Slides from past and future Library Technical Seminar Series presentations will be posted on the library website here. Slides presentation from last month's Fortran95 and Fortran 2003 can be found here.

Directory of Open Access Journals Categorized, searchable links to free, full text, quality controlled scientific and scholarly journals.

Library Donations on Clean Up Days

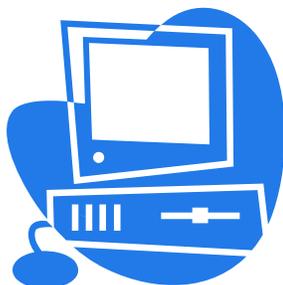*Please think of the library when you are cleaning out your desk area!*

Many employees in the building have already been generous in donating publications to the NOAA Science Center Library. Many items have been added to the library collection in the last couple of months, thanks to these donations.

In preparation for the move to College Park, many of you are finding publications (books, technical reports, journals) that you wish to donate to the library collection. Because of this, I will be setting up a library cart located outside of the door to the library on the first floor on designated clean-up days. Guidelines will be posted around the building and on the WWB listserv to guide you in selecting donations.

Duplicate materials will be offered up to other NOAA libraries before discarding. Donations can be accepted on alternate dates with prior arrangement. If you have any questions regarding donations to the library, please feel free to email the librarian at michelle.k.campbell@noaa.gov or stop by the library.

Call for presenters for technical topics

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

The library has launched a new series of seminars focused on technical subjects. The next presentation in this series will take place at 10:30am on 1/29 with a seminar on C/C++ by Robert Grumbine of the Marine Modeling and Analysis Branch.

If you are interested in presenting on any of the following topics, please contact the librarian at michelle.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 library catalog

Over 130 items were added to the library catalog in December 2008. Included among the additions are:

American Meteorological Society., 2001. **Fifth Symposium on Integrated Observing Systems, 14-18 January 2001, Albuquerque, New Mexico**, The Society, Boston, Mass.

Beazley, D.M., 2006. **Python essential reference**, 3rd ed., Sams ; Pearson Education [distributor], Indianapolis, Ind. London.

Cao, C., United States. NESDIS, 2005. **Simultaneous nadir overpasses for NOAA-6 to NOAA-17 satellites from 1980 to 2003 for the inter-satellite calibration of radiometers**, National Oceanic and Atmospheric Administration, NESDIS, Washington, DC.

Churchill, R.V., Brown, J.W., 1984. **Complex variables and applications**, 4th ed., McGraw-Hill, New York.

Hart, M.B., 2000. **Climates : past and present**, Geological Society, London.

Kalma, J.D., Calder, I.R., WMO., 1994. **Land surface processes in large-scale hydrology**, Se-cretariat of the World Meteorological Organization, Geneva, Switzerland.

National Research Council (U.S.). Committee on Climate Data Records from NOAA Operational Satellites., 2004. **Climate data records from environmental satellites**, National Academies Press, Washington, D.C.

National Research Council (U.S.). Committee on the Evaluation of the Multifunction Phased Array Radar Planning Process., , 2008. **Evaluation of the multifunction phased array radar planning process**, National Academies Press, Washington, D.C.

Phillips, D., 1996. **Longman preparation course for the TOEFL test**, 2nd ed., Longman, White Plains, N.Y.

Twomey, S., 1977. **Introduction to the mathematics of inversion in remote sensing and indirect measurements**, Elsevier Scientific Pub. Co : distributors for the U.S., Elsevier/North Holland, Amsterdam ; New York.

United States. National Oceanic and Atmospheric Administration., 2008a. **National Oceanic & Atmospheric Administra-tion strategic plan, FY 2009-2014**, U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Silver Spring, Md.

United States. NOAA., 2008b. **Research in NOAA : toward understanding and predicting Earth's environment : a five-year plan, fiscal years 2008-2012**, U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Silver Spring, Md.

Woo, M., Neider, J., Davis, T., 1997. **OpenGL programming guide : the official guide to learning OpenGL, version 1.1**, 2nd ed., Addison Wesley, Reading, Mass.

World Meteorological Organization. Commission for Hydrology. Session (11th : 2000 : Abuja Nigeria), 2001. **Commission for Hydrology : eleventh session : Abuja, 6-16 November 2000 : abridged final report with resolutions and recommendations**, Secretariat of the WMO, Geneva, Switzerland.

Yoshino, F., 1999. **Areal modelling in hydrology using remote sensing data and geographical information system**, Secretariat of the WMO, Geneva, Switzerland.

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 @noaa.gov

Give a book, Take a Book– Book exchange at the library

Have extra books or magazines at home that you'd like to get off your hands? Looking for some casual airplane reading? **Be sure to check out the "Give a Book, Take a Book" bookcase located outside of the library door!**

This informal book exchange area is currently housing a wide variety of books currently in need of a new home– from popular fiction paperbacks to duplicate computer software manuals to old atmospheric science textbooks. Stop by and see what's available, take what you'd like, and feel free to drop off your own contributions as well!