

Boulder Labs Library, serving NOAA, NIST & NTIA

<http://library.blrdoc.gov/>

Ringling in a New Year of Research

As your Library Liaison, I want to wish you a Happy New Year and update you on library resources and services for 2012.

In 2011, the Library added a number of books to the collection. Those relevant to GSD are detailed in the list below.

2012 began with a 20% decrease to the Library's overall budget. To learn how these cuts will impact access to research materials see pages 2 & 3 of this newsletter.

As always, the Library staff will continue to support your research needs.



If you have any questions please contact your liaison, Mike Robinson at mike.robinson@noaa.gov, x5569.

Selected Books Added in 2011

Books at Branch Library

- G70.212 .A38 2011. **Advanced geoinformation science** / edited by Chaowei Yang ... [et al.]. ([Website](#))
- QC861.3 .N44 2011. **Climate change and climate modeling** / J. David Neelin. ([Website](#))
- QC921.6 .D95 2011. **Storm and cloud dynamics : the dynamics of clouds and precipitating mesoscale systems** / William R. Cotton, George H. Bryan, Susan C. van den Heever. ([Website](#))
- QC941 .A37 2011. **Extreme weather & climate** / C. Donald Ahrens, Perry Samson ([Website](#))
- QC981 .M83 2010. **Climate time series analysis: classical statistical and bootstrap methods** / Manfred Mudelsee. ([Website](#))
- QC995 .W27 2011. **Numerical weather and climate prediction** / Thomas Tomkins Warner ([Website](#))
- QC996 .E254 2010. **Proceedings of the ECMWF/GLASS Workshop on Land Surface Modelling and Data Assimilation and the Implications for Predictability : 9-12 November 2009**, European Centre for Medium-Range Weather Forecasts, Shinfield Park, Reading, Berkshire, UK. (10-4-0100) ([Website](#))
- QE48.8 .D37 2010. **Data assimilation: making sense of observations** / William Lahoz, Boris Khattatov, Richard Menard, editors. ([Website](#))

Books at Main Library

- Q223 .W34 2011. **Scientists must speak** / D. Eric Walters, Gale C. Walters. 2nd ed. ([Website](#))
- QA76.9 .D3 .S92 2010. **Fundamentals of relational database management systems** / S. Sumathi, S. Esakkirajan. ([Website](#))
- QA276 .W2986 2011. **Reliability in scientific research: improving the dependability of measurements, calculations, equipment, and software** / I. R. Walker. ([Website](#))
- QA913 .D89 2011. **Statistical theory and modeling for turbulent flows** / P.A. Durbin, B.A. Petterson Reif. 2nd ed. ([Website](#)).
- TK7882.I6 .V57 2011 (in process). **Visualization of time-oriented data** / Wolfgang Aigner ... [et al.]. ([Website](#))

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Journal Subscriptions Dropped

Due to budget cuts, the Library has dropped the following journal subscriptions for 2012. All other subscriptions will be online only unless they are not available electronically. Requests to reinstate a journal subscription should be directed to the Boulder Labs Board of Directors via your division's supervisor.

Acta Acustica United With Acustica
 Advances in Physics
 Air and Space Smithsonian
 Annals of Applied Statistics
 Annals of Statistics
 Applied Physics Express Astronomy
 Astrophysics and Space Science
 Broadcast Engineering
 Business Week
 Canadian Journal of Chemical Engineering
 Chemical Engineering
 Chemical Engineering Progress
 Chemistry: A European Journal
 Communications In Stats – Sim and Comp
 Communications of the ACM
 Communications on Pure and Applied Math
 Complexity
 Computer Modeling in Engineering and Sci
 Consumer Reports
 Contemporary Physics
 Cyberskeptic's Guide to Internet Research
 Electromagnetics
 EM (Environmental Monitor)
 Environment
 Environmental Conservation
 Environmental Monitoring and Assess.
 Federal Employees News Digest
 Federal Times (Branch Copy)
 Geological Society of America Bulletin
 Geophysics
 Geosphere
 GPS World
 Green Chemistry
 Interface
 Intl Journal of Materials Research
 International Journal of Meteorology
 Intenational Journal of Remote Sensing
 Japanese Journal of Applied Physics
 JETP
 JETP Letters
 Journal of Applied Mechanics
 Journal of Biomedical Optics
 Journal of Chemical Engineering of Japan
 Journal of Chromatographic Science
 Journal of Computational Acoustics
 Journal of Electromag Waves and Apps
 Journal of Nanosci and Nanotech
 Journal of Near Infrared Spectroscopy
 Journal of Optical Communications
 Journal of Nanosci and Nanotech
 Journal of Near Infrared Spectroscopy
 Journal of Optical Communications
 Journal of Testing and Evaluation
 Journal of the Audio Engineering Society
 J of the Meteorological Society of Japan
 Journal of Turbulence
 Kiplinger Letter
 Laser Focus World & World Buyers' Guide
 Leading Edge
 Linux Journal
 Machine Design
 Macworld
 Materials Evaluation
 Mathematical Intelligencer
 Mathematics of Computation
 Microwave Journal
 Microwaves and RF
 MRS Bulletin
 MSDV Magazine
 NASA Tech Briefs
 Naturwissenschaften
 New Scientist (Branch Copy)
 Nir News
 PC World
 Philosophical Magazine
 Physics World
 Popular Communications
 Pubs of the Astronomical Society of Japan
 Pure and Applied Geophysics
 QEX
 QST
 Quarterly of Applied Mathematics
 Radiophysics and Quantum Electronics
 Remote Sensing Letters
 Scanning
 Separation Science and Technology
 Siam Journal on Mathematical Analysis
 Siam Journal on Optimization
 Sky and Telescope
 Space News International
 Technology Review
 Theory of Probability and its Applications
 Wall Street Journal
 Welding in the World
 Welding Journal
 Zeitschrift fur Naturforschung A

eBook News

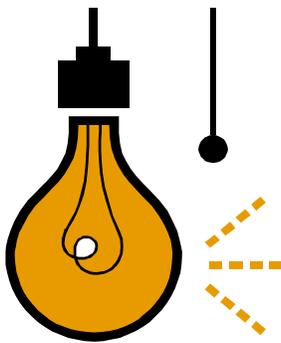
IEEE-Wiley

Forty new titles were added to the [IEEE-Wiley eBooks Library](#) in 2011, including such works as:

- Data Mining: Concepts, Models, Methods, and Algorithms
- Practical Database Programming with Java
- Practical Image and Video Processing Using MATLAB

The IEEE-Wiley eBooks Library was acquired in August of 2010, and provides instant access to over 500 technical titles in such areas as: Engineering, Geosciences and Computing.

With this addition, the Boulder Labs Library also procured site-wide access to the entire [IEEE Xplore](#) database of journals and conference proceedings. Previously, this resource had been available only to Boulder NIST employees.



Ingenta InTouch Discontinued

The Library's subscription to Ingenta InTouch will expire on June 31st. It will not be renewed, because table of contents and search alerts are now freely available from publishers and database providers. Library Liaisons will be contacting users registered with the service to help

ebrary

The Library is implementing [ebrary](#), an ebook platform that allows access to titles from a large number of publishers. The collection is being built on a title by title basis, and currently consists of these five volumes:

- Changing Climates, Earth Systems and Society
- IAGA Special Sopron Book: Sun, the Solar Wind, and the Heliosphere
- Nanotechnology in Tissue Engineering and Regenerative Medicine
- Quantum Computation and Quantum Information: 10th Anniversary Edition
- Signals and Communication Technology: High Quality Visual Experience

As funds permit, we will be expanding this collection with user requests and librarian recommendations.

All of the Library's ebooks are searchable via our [online catalog](#). We welcome your recommendations for books via our [online form](#). Please specify whether you prefer electronic or print format via the drop down menu provided on the form.

eBook Collections Cancelled Due to Low Use

- Access Science
- Access Engineering



migrate their scheduled alerts to the appropriate publisher and database websites. If you would like more information or assistance please contact Mike Robinson at mike.robinson@noaa.gov, x5569