



Library Liaison News

More Impact with Open Access and Altmetrics

Open Access (OA) increases article impact by making research output accessible outside the paywall of subscription-based publications. Because of their broad readership, OA articles complement Altmetrics, also known as Article-Level Metrics or ALMs. ALMs measure non-traditional citation methods such as blog comments, reviews, bookmarks, and tweets. Benefits of ALMs for Open Access content include:

- ◆ Real-time impact indicators
- ◆ Sharing data with potential collaborators
- ◆ Research impact focused on article rather than journal title
- ◆ Social impacts can be included in CVs
- ◆ Creating public forum around research
- ◆ Identifying audience
- ◆ Measuring OA impacts within repositories
- ◆ Providing impact indicators for funding requests
- ◆ Supplying evidence of public impact for research evaluation

For more information see the following articles:

- ◆ [Altmetrics and open access - a measure of public interest](#)
- ◆ [Open Access and Altmetrics: Distinct but Complementary](#)
- ◆ [PLOS Article-Level Metrics](#)
- ◆ [Altmetrics: a manifesto](#)



2014 Library Calendar Now Available

This year's calendar provides information on Search Alerts, an important way to stay current with the literature in your field. Use these tips to streamline your research process.

The calendar was distributed in mid-December. If you did not receive a copy, or if you would like additional copies, please contact the library (x3271) or stop by 1-1200 or DSRC 2C407.

IOP Journals Added to Library Collection

In 2013, the Library purchased the IOP Corporate Package, which expanded site-wide access from 11 titles to over 60. Features of the package include:

- ◆ Backfiles to 1874
- ◆ Access to over a half-million articles in the fields of:
 - ◇ Physics
 - ◇ Chemistry
 - ◇ Optics
 - ◇ Energy
 - ◇ Electronics
 - ◇ Astronomy
- ◆ Enhanced key-word searching
- ◆ Enhanced HTML views of articles

For a [list of all journals](#) available and to learn more about the package, visit the IOP Corporate website at <http://iopscience.iop.org/page/iopcorporate>. IOP Journals are also accessible from the Library's [eJournals page](#) or [online catalog](#)

Winter Workshops '14

The Library's second annual Winter Workshop series began in January with seminars on EndNote X7 and ORCID. It continues with the following webinars:

EndNote Basic

Find out how to store, categorize, and share citations "in the cloud" via EndNote Basic. Compatible with EndNote X7.

- ◇ **Tuesday, February 4**
2:00pm, 1-1107



- ◇ **Thursday, February 6**
10:00am, DSRC GC402

Web of Science—New Interface

Learn to navigate the new Web of Science interface. Session will include updates as well as information on basic searching and access to metrics like the h-index.

- ◇ **Tuesday, February 18**
10:00am, DSRC 2A305



- ◇ **Thursday, February 20**
10:00am, 1-1107



Books 24x7

Enhance your computer skills with Books24x7, which provides full-text access to over 10,000 eBook titles in areas including: Business & Culture, Databases, Desktop & Office Applications, Graphic Design, Networks & Protocols, Programming, Telecommunications, and Web Development.

- ◇ **Tuesday, March 4**
2:00pm, 1-1107

- ◇ **Thursday, March 6**
2:00pm, DSRC GC402



AGU Digital Library Update

The Boulder Labs Library recently participated in a consortial purchase of the American Geophysical Union (AGU) Digital Library. This one-time purchase provides perpetual access to all AGU journal content published prior to 1997. Below is a list of titles with coverage dates:

Journal	Coverage	Articles
Journal of Geophysical Research (JGR)*	1896–1996	43,428
Reviews of Geophysics	1963–1996	1,451
Water Resources Research	1965–1996	6,989
Eos, Transactions AGU	1969–1996	10,851
Radio Science	1969–1996	3,747
Geophysical Research Letters	1974–1996	8,857
Tectonics	1982–1996	1,028
Paleoceanography	1986–1996	508
Global Biogeochemical Cycles	1987–1996	317

Access to AGU journal articles from 1997 to the present continues to be available via the Library's annual journal subscriptions. You can access the journals with their full dates of coverage from our [eJournals page](#) or the [online catalog](#).

*JGR includes all disciplinary sections plus Terrestrial Magnetism (1896-1898) and Terrestrial Magnetism and Atmospheric Electricity (1899-1948).



Selected Titles Added in 2013

Print Books

Branch

GE45 .S73 .E53 2012. **Encyclopedia of environmetrics** / editors-in-chief, Abdel H. El-Shaarawi, Walter W. Piegorsch.

QA76.9.C65 .A87 2012. **Assessing the reliability of complex models: mathematical and statistical foundations of verification, validation, and uncertainty quantification** / National Research Council of the National Academies.

QC874.3 .D38 2012. **Data assimilation and its applications** / edited by Maithili Sharan, Jean Pierre Isartel.

Main

PN171 .F56 .D48 2011. **For attribution -- Developing Data Attribution and Citation Practices and Standards: summary of an international workshop** / Paul F. Uhler.

QA278.8 .N48 2012.

Nonparametric statistical tests: a computational ap-

proach / Markus Neuhauser.

eBooks

[Big data : understanding how data powers big business](#) / Bill Schmarzo ; technical editor, Denise Partlow

[Case studies in Bayesian statistical modelling and analysis](#) / edited by Clair Alston, Kerrie Mengersen, and Anthony Pettitt, 2012

[Cloud and virtual data storage networking: your journey to efficient and effective information services](#) / Greg Schulz, 2012

[Cloud computing: automating the virtualized data center](#) / Venkata Josyula, Malcolm Orr, Greg Page; technical reviewers, Krishna Arji, Eric S. Charlesworth, 2012

[Computational intelligent data analysis for sustainable development](#) / edited by Ting Yu, Nitesh V. Chawla, and Simeon Simoff, 2013

[Data insights : new ways to visualize and make sense of data](#) / Hunter Whitney, 2013

[Global optimization methods in geophysical inversion](#) / Mrinal K. Sen and Paul L. Stoffa, 2013

[IBM Power systems performance guide implementing and optimizing](#) / Dino Quintero ... [et al.], 2013

[Intel Xeon Phi coprocessor high-performance programming](#) / Jim Jeffers, James Reinders, 2013

[Invisible in the storm : the role of mathematics in understanding weather](#) / Ian Roulstone and John Norbury, 2013

[Linked data a geographic perspective](#) / Glen Hart and Catherine Dolbear, 2013

[Multiscale and multiresolution approaches in turbulence: LES, DES and Hybrid RANS/LES methods : applications and guidelines](#) / Pierre Sagaut, Sebastien Deck, Marc Terracol, 2013

[Problem solving and data analysis using Minitab : a clear and easy guide to six sigma methodology](#) / Rehman M. Khan, 2013

[Streamlining digital signal processing: a tricks of the trade](#)

Recommend an Item for the Library

Help the Library make its collection work for you. By recommending print and electronic titles to the Library you ensure that the collection supports your research needs. Make a recommendation today:

- ◆ Visit our Recommendation Page at <http://library.bldrdoc.gov/requests/bookrec.html>
 - ◇ Fill out the form, making sure to indicate format preference (print or electronic)
 - ◇ Once submitted, your recommendation will be evaluated
 - ◇ Most recommended titles are purchased as funds become available

Thank you for contributing to the strength of the Library's collection.