**BOULDER LABS LIBRARY – SERVING NIST, NOAA, & NTIA**

# 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



# 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

# 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.

## 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

TK5102.9 .S68 2013. **Time-frequency signal analysis with applications** / Ljubisa Stankovic, Milos Dakovic, Thayananthan Thayaparan.

TK5103.2 .K78 2011. **Sharing RF spectrum with commodity wireless technologies: theory and practice** / Jan Kruys, Luke Qian.

TK5103.4836 .B76 2012. **Practical guide to the MIMO radio channel with MATLAB examples** / Tim Brown, Elisabeth DeCarvalho, Persefoni Kyritsi.

TK5103.592 .F73 .A38 2012. **Advanced optical wireless communication systems** / edited by Shlomi Arnon, et al.

TK6560 .B45 2012. **Handbook of RF, microwave, and millimeter-wave components** / Leonid A Belov, Sergey M. Smolskiy, Victor N. Kochemasov.

### eBooks

Circularly Polarized Antennas; Gao, S.; Luo, Q.; Zhu, F.; 2014

Compressive sensing for wireless networks / Zhu Han, Husheng Li, Wotao Yin; 2013

Detection and estimation for communication and radar systems / Kung Yao, Flavio Lorenzelli, Chiao-En Chen; 2013

Disturbance Analysis for Power Systems; Ibrahim, M.; 2012

Essentials of positioning and location technology / David Bartlett, 2013

Handbook of Position Location: Theory, Practice and Advances, Zekavat, R.; Buehrer, R.; 2012

Heterogeneous cellular networks : theory, simulation and deployment / edited by Xiaoli Chu , et al., 2013

Mobile Ad Hoc Networking: The Cutting Edge Directions; Basagni, S.; Conti, M.; Giordano, S.; Stojmenovic, I.; 2013

Mobile networks architecture / André Pérez, 2012

Physical layer security in wireless communications / edited by Xiangyun Zhou, Lingyang Song, Yan Zhang, 2013

Radio engineering: from software to cognitive radio / edited by Jacques Palicot ; series editor, Pierre-Noël Favennec, 2011

Reconfigurable radio systems network architectures and standards / Maria Stella M. Iacobucci, 2013

RF circuit design techniques for MF-UHF applications / Abdullah Eroglu, 2013

Satellite Communications Payload and System; Braun, T.; Publisher: 2012

Signal processing in radar systems / Vyacheslav Tuzlukov, 2012

Telecommunications System Reliability Engineering, Theory, and Practice; Ayers, M.; 2012

Waveform design and diversity for advanced radar systems / edited by Fulvio Gini, Antonio De Maio and Lee Patton, 2012

Wavelet radio: adaptive and reconfigurable wireless systems based on wavelets / Homayoun Nikookar, 2013

## 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.