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This is a monthly newsletter highlighting services and subject-specific resources provided by the [PNNL Technical Library](#). It is best viewed in HTML format in your email client.

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[New eBooks](#)

[Tip: Aquatic Sciences and Fisheries Abstracts](#)

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ORCID@PNNL

Librarians registered nearly 130 new ORCID accounts during National Library Week (4/11-4/15)! Watch for email announcements and meeting invitations to continue to the next phase of connecting your research. If you registered on your own (this week or any time), please send your ORCID to orcid@pnnl.gov.

New eBooks

[2015 IEEE International Conference on Building Efficiency and Sustainable Technologies](#)

In light of climate change concerns, it is crucial to enhance the energy efficiency of existing building systems that consume around 40% of total energy in most developed countries annually.

[2015 International Conference on Smart Grid and Clean Energy Technologies \(ICSGCE\)](#)

Energy and environment continue to be major issues of human mankind. This holds true on the regional, the national, and the global level. And it is one of the problems, where engineers and scientists in conjunction with political will and people's awareness, can find new approaches and solutions to save the natural resources and to make their use more efficient.

[Application Manual of Geophysical Methods to Engineering and Environmental Problems](#), 2014

Comprehensive manual of shallow geophysical surveys for engineering and environmental applications.

[Energy Efficiency in Data Centers and Clouds](#), 2016

The theme of this volume is inspired by the growth of data centers and their influence on our daily activities. The energy consumed by the large-scale warehouse computers and their environmental impacts are rapidly becoming a limiting factor for their growth.

[Integrated Geophysical Models - Combining Rock Physics with Seismic, Electromagnetic and Gravity Data](#), 2014

This book discusses different approaches for building integrated geophysical models using seismic, electromagnetic and gravity data.

[International Conference on Renewable Power Generation \(RPG 2015\)](#)

The international conference series scope brings together the topics of renewable energy technology, power generation, and systems integration.

[LEED v4 Practices, Certification, and Accreditation Handbook \(2nd Edition\)](#), 2016

This handbook provides users with a practical user-friendly roadmap that presents the guidelines for selecting the LEED v4 rating system to better fit a particular project.

[Methods of Cleaning and Cleanliness Verification](#), 2013

The expert contributions in this volume cover important fundamental aspects of surface contamination that are key to understanding the behavior of specific types of contaminants.

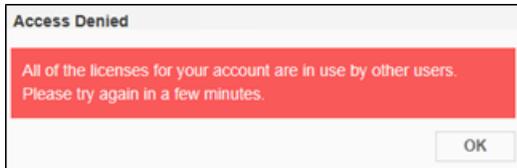
[Principles of Seismic Velocities and Time-to-Depth Conversion](#), 2014

Despite its fundamental importance for acquiring an accurate picture of the subsurface, the topic of time-to-depth conversion on the basis of true propagation velocities has never been addressed in the form of a comprehensive, dedicated book. The present book has long been overdue for bridging this obvious gap in geoscience.

[Recommendations for the Safety of People and Instruments in Ground-Penetrating Radar and Near-Surface Geophysical Prospecting](#), 2015

An in-depth overview on the risks associated with Ground-Penetrating Radar (GPR) and Near-Surface Geophysical Prospecting, providing the reader with practical recommendations for the safety of people and instruments.

Note: For eBooks from Knovel, the PNNL Technical Library purchases only one user seat. If you see this message, please try accessing the title later:



Tip: ASFA: Aquatic Sciences and Fisheries Abstracts

This database is considered to be the premier reference in the field of aquatic resources. It provides information on such subjects as aquaculture, aquatic pollution, conservation, environmental quality, fisheries, limnology, marine biotechnology and wildlife management. The database is updated monthly with ~3700 new records added. It can be accessed from the library's [website](#) by selecting the Databases tab in the middle of the page and entering ASFA in the search box. Or you can go directly to the [database](#). Note that your search will automatically look for documents with all the terms entered. If you want to search for an exact phrase, use "quotation marks" around it. Separate terms with OR to find any of the words entered (as opposed to all of them).

Usage of this database has decreased during the past year. If you feel it's a useful resource, please be sure to start your marine/aquatic research here to ensure a continuing subscription.

ASFA: Aquatic Sciences and Fisheries Abstracts

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