



## From the Editor

Researchers from industries dealing in energy and the environment, biotech, or scitech must look for information in a variety of areas. The broad array of information from Dialog offers answers whether you are looking for scientific, technical, regulatory, industry, or intellectual property information. You can find it all in one of Dialog's many content categories. This month's *Chronolog* highlights Dialog's wide-ranging content for the energy industry. Be sure to read "Finding the best sources across industries" and "Complementary sources for the energy industry" to learn more.

Stellar customer service from the Dialog Knowledge Center has consistently received high praise from our customers. The Knowledge Center with its experts who know the content and the fine points of Dialog searching is well known for answering your questions. But are you aware of the other ways in which they can help you with your search questions? Find out more in this issue.

Of course, you'll also want to review CAB ABSTRACTS, the featured file for February, cited-reference searching on ProQuest Dialog™, and learn about new apps that allow you to interact with Dialog and ProQuest — anytime, anywhere.

## ProQuest Dialog Updates

### Finding the best sources across industries

The corporate world needs a collection of sources it can count on to research facets of multi-disciplinary subjects. For example, companies developing energy technologies must address today's significant energy challenges, such as climate change, energy security, energy efficiency, sustainability, and water conservation, to name some.

ProQuest Dialog's industry groupings — Energy & Environment, Engineering & Technology and Chemistry — provide the breadth of content for researchers in a given discipline. These industry groupings or "subject industries," often used to access a single database, also serve to broaden the "content pool" for researchers who need to find content from adjacent disciplines.



ProQuest Dialog also enables searchers to drill down in individual databases covering specific disciplines. Single databases offer greater detail for the specialist who recognizes and understands the characteristics of that database, such as the expert indexing and editorial input associated with each database. Users can search using additional limit options, such as content type, publication, date-range selection, classification and more, depending on the database, to refine the search to the particulars needed.

The subject industries

- demonstrate context and scope to users
- clearly show what is available within a given set of databases
- visually articulate the type of content likely to be found from these sources
- offer flexibility to customize subject areas to create multiple-disciplinary groupings that include the core databases in the discipline.

This solar energy industry example illustrates why finding the right content is so important. Databases in Energy & Environment and Engineering & Technology contain articles such as:

- "Sizing Energy Storage to Accommodate High Penetration of Variable Energy Resources" from Inspec®
- "Atomic layer deposition for electrochemical energy generation and storage systems" from Ei Compendex®
- "Power Sources" in Gale Group PROMT®, describing the role batteries will continue to play in storage



These articles and others may offer important findings to further solutions for solar storage.

On legacy Dialog, patents from files like CLAIMS®/U.S. Patents ([File 340](#)) may forecast innovations in the industry, for example these patents may address solar storage issues:

- SOLAR ENERGY COLLECTING SYSTEMS AND METHOD
- SYSTEM OF MOBILE SOLAR PANELS FOR CONSTRUCTION

Competition from other countries also poses problems and suggests opportunities. From business databases on ProQuest Dialog and legacy Dialog, these articles may suggest new directions:

- "Research and Markets Offers Report: Global Market for Solar PV Inverters" found in Business & Industry™ ([File 9](#))
- "Solar Energy — Country's Job Creation Powerhouse" from Gale Group PROMT ([File 16](#))
- "Simulation and experimental studies on natural lighting in enclosed lift lobbies of high-rise residential buildings"



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## Smart Searching in legacy Dialog

### Stay current on emerging markets with continuously updating news files

So, you're looking for emerging markets in the biofuels sector. Sure, you can go on the Internet and find all kinds of things, but how much time does it take each day?

And do you feel comfortable with all the information? Dialog makes research a lot easier and saves a ton of time. Rely on Dialog's continuously updating news files.

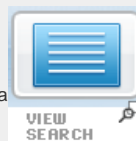
Dialog created the

DIALINDEX®/OneSearch® category

[Continuously Updated News Files \[FIRST\]](#)

to help you tap into the most current news sources available on Dialog — sources you can count on for accurate business information. What's more, "continuously updating" means these files update several times a day. The files also go back several years. BEGIN FIRST and check the banners. *Note:* This article was written on January 24, 2012.

If you're interested in the most recent data, use the LIMITALL feature. Create a set with the current



publication year, or even a range of publication dates, and then LIMITALL/S1.

From here on everything you search will be restricted to this segment of data.

Enter your search terms, REMOVE DUPLICATES (RD), and then RANK the Country or Geographic Names (CN, GN) to find emerging markets. Choose the market(s) of interest, EXIT from RANK, EXECUTE (EXS) the TEMPORARY SAVE created by the choice of country/geographic names and combine the results with the last Set from the search (in this case, S5). Then TYPE out records of interest.

- by (katz, e near/5 am chem soc near/5 2003 near/5 125) also from Gale Group PROMT
- From The McGraw Hill Companies Publications Online ([File 624](#)) *Platts Renewable Energy Report and Inside Energy* describe new regulations, trade agreements, tariffs and possible legislative incentives to U.S. companies, given China's emerging role in the global solar energy market.

Whether the industry is focused on one subject or needs multidisciplinary research, Dialog's comprehensive, industry-specific data collections provide information to help answer questions, solve problems, find opportunities and monitor the competition.

[Check out](#) the databases in each category (click the Databases tab), select those of interest and review the descriptions and [ProSheets](#) on ProQuest Dialog and the [Bluesheets](#) on legacy Dialog.

## It's easy on ProQuest Dialog

### Cited-reference searching comes to ProQuest Dialog

The Cited Reference field (REF) in [SciSearch®: a Cited Reference Science Database](#) allows for flexibility in searching cited references. The REF field includes first author name, journal abbreviation, volume, issue, pages and publication year. Enter as much as you know in a cited-reference search using either a quick query in the Basic Search form or the Advanced Search form. Searching on cited references can be as simple or complex as you wish, as you can see in the following examples.

The REF field contains this type of data on which you will base your search:

#### References

ABELSON, H. COMMUN ACM. 2000. 43. 74.  
ADLEMAN, LM. SCIENCE. 1994. 266. 1021.

Topic: Find articles that cite a 2003 article by Eugenii Katz and I Willner in the *Journal of the American Chemical Society*, titled "A Biofuel Cell with Electrochemically Switchable and Tunable Power Output." This article is in volume 125 so you can include the year and the volume in the search.

Search the REF field for the author, indexed as katz, e within five words of the journal abbreviation within five words of the publication year, within five years of the volume number. The search in the Basic Search form looks like this:

Or, enter your search in Row 1 in the Advanced Search form.

You can NOT out author self-cites easily in Basic Search simply by tacking on NOT AU(<last name, first initial>).

Or, in Advanced Search complete Row 2 of the form using the NOT connector and limiting to the AU Author field.

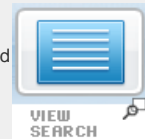
## The ProQuest Dialog Holiday Quest has a winner!

Librarians love the search. In December, Dialog initiated the ProQuest Dialog Holiday Quest, where users searched the ProQuest Dialog demonstration set of four databases to find answers to three questions, learn more about ProQuest Dialog, and be eligible to win a gift card.

And the winner is...Cara Kirkland, who has won an American Express gift card (USD \$200). Congratulations, Cara!

## Join the ProQuest Ning

Join the ProQuest Ning [Discover More Corps](#) and connect with your colleagues.



## Join Dialog

Join the [Dialog® Professional Group](#), a new LinkedIn Group page. Keep in touch with colleagues and news at Dialog and ProQuest.

## Events

Visit us at the following shows in February:

### PIUG Biotechnology Meeting

February 7  
Boston, Massachusetts, USA

### IPI-ConfEx

March 12 — 14  
Barcelona, Spain

## Training

### ProQuest Dialog training



[Learn more](#) about

ProQuest Dialog when you take advantage of

live Webinars taught by our experts. A full complement of courses — an **Introduction to the ProQuest Dialog Service**, **Developing ProQuest Dialog Search Expertise** and **Working with Your ProQuest Dialog Results** — are offered regularly to help you develop your search and content expertise on ProQuest Dialog, whatever your skill level.

*Note:* Classes on ProQuest Dialog are also available in French.

[Sign up](#) for sessions in the biomedical series also offered on a regular basis.

**First Steps for Biomedical Searching on ProQuest Dialog** — introduces

## CAB ABSTRACTS — Your choice for agriculture and applied life sciences



Unlike many other databases, CAB ABSTRACTS ensures your users have access to all the important research, not just the research published in English-language journals. In fact, the research undertaken in China at this very moment could be the key to that final stage in your researchers' work!

CAB ABSTRACTS contains more than 6.3 million records dating from 1973 onward. It covers agriculture and applied life sciences literature, including more than 7,000 serial journals, books, and conference proceedings from over 116 countries in more than 50 languages. English language sources include approximately 4.6 million records, and non-English language sources number at 1.7 million records. Most non-English language abstracts are translated into English, so the user can easily assess how important the research is to his/her project. Key titles, where all the papers are likely to be relevant, are indexed cover-to-cover. For other titles, only those articles that fall within the scope of the database are selected. So, you can be sure each search retrieves only the results of interest to users, saving time and effort.

Searchable in the Energy & Environment industries on ProQuest Dialog ([File 50](#) on legacy Dialog), CAB ABSTRACTS covers a wide range of subjects from agriculture to animal, plant, human and environmental sciences, and natural resources, including topics important in these areas such as biodiversity, human nutrition, microbiology, veterinary medicine, and environmental pollution.

CAB ABSTRACTS has a longstanding reputation for comprehensive, quality abstracting and indexing, and integrity of its data. Not only does the database cover the core literature but also "gray" literature from around the world, including:

Annual reports	Field notes
Books/book chapter	General reports
Bulletin	Handbooks
Conference proceedings	Monographs
Discussion papers	Newsletters
Field notes	Technical information
Discussion papers	Theses

Subject classification and indexing is completed by subject experts. The [CAB Thesaurus](#) used for indexing and controlled vocabulary and [CABICODES](#) enable you to easily refine the search. Since 2010, more than 100,000 full-text records have been added to the database. Use RT=fulltext in legacy Dialog to identify records containing links to the full text. The link displays in Formats 2, 3, 5, 7 and 9.



Review the [Overview](#) of CAB ABSTRACTS to learn more about the database. [Sign up](#) for the Webinar by a CAB Abstracts expert.

### Call on the experts

*"I'd just like to throw a quick, and probably long overdue, compliment Dialog's way regarding your help desk people. The IP staff at your help line are always fantastic. Knowledgeable, helpful and, perhaps most important, patient. Really, it's one of the reasons to use Dialog for these services: you have access to these great professionals."*

*Thanks again for your help constructing my search on architectural firms in California.... I really appreciate your help and patience. You epitomize customer service and are a great example of providing exactly what your client needed! With a smile, too. Thanks again.*

You know when you call Dialog you can count on the Knowledge Center experts to help you get the answer you need. Whether it's assistance in finding the right database to search, tweaking a strategy to retrieve targeted results or determining which product to use, experienced Information Consultants can help. Here's why.

All members of the Knowledge Center are dedicated professionals with a passion for helping people. They all realize that accurate and timely information is vital. With years of experience searching Dialog products on top of backgrounds as attorneys, PhD research scientists, engineering and consulting librarians and business experts with masters' degrees in management and expertise in competitive intelligence, our Information Consultants have both the Dialog expertise and the subject knowledge to answer your queries. They are our first line of support for you, our customers.

But, that's not their only responsibility in helping customers. Our Knowledge Center experts also:

- Instruct online training sessions on ProQuest Dialog and legacy Dialog. See [Training](#) for more details on specific sessions. Attend a live session or listen to a free recorded session.



researchers to searching in the biomedical databases on ProQuest Dialog

**Next Steps for Biomedical Searching on ProQuest Dialog** — illustrates advanced techniques for searching biomedical databases

**Command Search for Biomedical Searching on ProQuest Dialog** — covers advanced techniques for using commands in biomedical databases

### Legacy Dialog training

Register for DialogClassic Web™ training to review basic search techniques and learn tips for database selection and multi-file searching. And, for Dialog searchers, sign up for a preview of ProQuest Dialog that will highlight key features and functionality of the new service.

### Documentation

A new [Search Solution](#) in ProQuest Dialog, "Searching for Market Share on a Drug," combines search in the biomedical and business files. Step-by-step instructions enable you to easily follow this search in several databases in Advanced Search.

### Quantum<sup>2</sup>

#### New online Webinar

Make your information center more visible. Join us for the new Quantum<sup>2</sup> Webinar on March 14, "Creating a Brand Identity." The session covers the what and why of creating brand identity for an information center, illustrated by case studies and offers how-tos with minimal budget. Join the [NING site](#) and [register](#) for this new continuing education Webinar.

Visit the Marketing Library & Information Services Group to access a recording of the Quantum<sup>2</sup> Webinar, Marketing Information Services, held in November.

### Search Techniques on legacy Dialog

#### Advance in intelligence: don't BEGIN over — use the ADD and REPEAT commands

In his State of the Union Speech on January 24, President Barack Obama highlighted clean energy initiatives in the United States. What are the opportunities?

- Create materials, including patent workbooks, the **How Do I... series** and **Search Solutions**, among others.
- Answer FAQs and identify hot topics in the new **Support Center**.

Our experienced Information Consultants provide expert assistance in conducting **Pharmaceutical and Biomedical**, **Engineering and Technology**, **Intellectual Property**, and **Business and Market** research. When you have a question, simply email [Customer@dialog.com](mailto:Customer@dialog.com) or call the Knowledge Center at 800 334 2564 (outside North America at 00 800 333 42564).

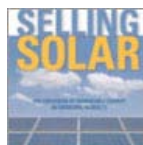
### Infotrieve's Mobile Library

From your desktop, laptop and iPad™, easily and securely access Infotrieve's Mobile Library, a cloud-based copyright-compliant content management and document-delivery system, anywhere at any time. Mobile Library is an easy-to-use gateway to Dialog's licensed, pay-per-view content. Infotrieve has more than 50 million citations aggregated from partnerships with libraries and publishers around the globe, including the Canadian National Science Library Collection and its unique STM Library™ of managed print collections.

### ebrary for corporations and government



E-books have become so popular that libraries cannot fill the demand. Search, browse, and preview all of the e-books and other authoritative materials that ebrary offers from leading publishers for corporations and government.



Review a [listing](#) of titles by industry.

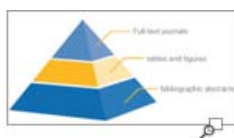
For example, in the solar energy industry, such titles as **Solar Energy Fundamentals and Modeling Techniques: Atmosphere, Environment, Climate Change and Renewable Energy**; **Selling Solar: The Diffusion of Renewable Energy in Emerging Markets** or **Advances in Solar Power** provide complementary sources for the research publications from Dialog. Search by title or industry. View a Table of Contents for each e-book, and sample pages from its chapters. [Request a trial](#) to try ebrary's full functionality and review titles in full text.

### Discover: Scitech Content Updates

#### Complementary sources for the energy industry

The ProQuest family of databases is ideal for an industry like energy, which covers so many areas such as oil, gas, mining, biofuels, conservation and green energy, as well as international news and data.

- ABI/Inform includes over 450 current full-text titles specifically targeted to inform business decision making and research in the energy market, including news, law and data pertinent to industry analysis and trends, risk assessment and forecasting. Content includes key scholarly titles from publishers including Springer, Emerald and Cambridge University Press, along with over 100 highly relevant trade journals from BNP Media, Energy Intelligence Group, Hart Energy Publishing and others.
- 100 additional full-text titles broadly related to energy are available through ProQuest Central, and Business Monitor International Quarterly provides power reports for over 30 countries.
- **ProQuest Science and Technology Collections** include ProQuest Illustrata, deep indexing, tables and figures and vast content, such as *The Energy Journal*, *Energy Weekly News* and many more.



### Validate: Intellectual Property Content Updates

#### Derwent World Patents Index (DWPI) value add

In 2011 approximately 3.3 million patents were loaded into *Derwent World Patents Index*® *DWPI*™, with 1.5 million of these being new records (basics) in the file. This was a 10.5% increase from the previous year. Processing this volume of data is a huge task, particularly as the original patent data can contain errors in the bibliographic data, which could impact the accuracy in searching.

At Thomson Reuters, the *DWPI* production teams use both programmatic rules and human endeavor to identify and correct as many of these mistakes as possible, to ensure the accuracy of key value add elements such as the *DWPI* patent family and Patent Assignee codes, and also improve searching through the addition of International Patent Classification (IPC) codes. Correcting errors in the original patent content is a key aspect of the *DWPI* value add, providing searchers with the most comprehensive and accurate patent content in one file — the *Derwent World Patents Index*.

Each week data from various patent offices is loaded (receipted) into the *DWPI* production system and conversion/validation programs are run to standardize all of the bibliographic data fields into a standard *DWPI* format. Through this initial processing step, records with errors or missing data are identified and are routed to experts in the production team to be manually corrected. Typical errors include incorrect priority or application numbers, or wrong patent assignee names, or missing data such as the IPCs.

Who's in the playing field? What's going on in other countries? For late-breaking developments, you may have started out in Dialog Global Reporter ([File 20](#)).

Ideas about additional sources may come to mind in the middle of a search. Suppose you think of one or more files after you have created several search sets? Do you stop everything and BEGIN afresh? When you enter a new BEGIN command, you wipe out all your search steps. What to do? Use the ADD and REPEAT commands, which let you refresh your sets with additional retrieval from the added databases.

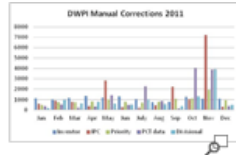
This search example shows the use of ADD and REPEAT after an initial search in Dialog



Global Reporter with McClatchy — Tribune Information Service ([File 608](#)), ProQuest Newsstand™ ([File 781](#)), and World News Connection® (WNC) ([File 985](#)).

In addition to these error corrections, the assignee names are checked against our internal Patentee dictionary, and when a match is found, the relevant *DWPI* Assignee Code is applied. The dictionary is updated for any names that don't match a name already in the dictionary, and a new *DWPI* Assignee code is created and applied.

The chart at the right shows the volume of corrections made by the editorial team in 2011, across a range of bibliographic fields — IPC, inventor names, priority numbers/dates, PCT and Divisional filings details.



#### Corrections for selected bibliographic fields

Corrections to the priority data are particularly important as this improves the accuracy of the *DWPI* patent family, since this is a key field used to create the patent family (bringing together patents relating to the same invention).

The example to the right shows an incorrect priority number on a UK Patent Application. It was incorrectly published with a Swiss Priority CH 1020257029. The priority country should have been China. This was corrected in the *DWPI* record by the editorial team and the application joined the correct family.



### Learn about ProQuest

#### ebrary launches mobile app



To meet researchers' evolving needs, ebrary®, a leading provider of e-books and research technology, has launched a new app for the iPad®, iPhone®, and iPod touch®. If you haven't used ebrary yet, now it's easier and more convenient than ever.

Available on the [App Store](#)™, the free new app gives researchers an optimized way to experience authoritative content, both online and offline, from multiple sources. With ebrary's new app, researchers can access content on the ebrary platform, including e-books their librarians acquire from leading publishers and documents uploaded and integrated by librarians with DASH!™ (Data Sharing, Fast). Additionally, users can import their own personal research outside of the ebrary platform through the app. And to make it easier to use ebrary with or without the app, ebrary researchers can sign-in with their Facebook usernames and passwords.

Key features and benefits of ebrary's new mobile app include:

- Freely available with any ebrary product, offering a growing selection of more than 70,000 e-books
- Online and offline reading
- Seamless downloading of full titles
- Simple and advanced search
- Multiple navigation controls
- Table of contents with relevancy rankings
- Early check-in of ebrary's e-books
- Copy and paste with automatic citation for offline documents
- User-configurable download size warnings
- Import and use documents from other sources
- Available in English and Spanish

Note: To download e-books, you'll need an Adobe ID. If you don't have one, you may [create one for free](#).