

Scientific Literature Resources: A Guide for CNRA Employees



GAVIN NEWSOM, GOVERNOR
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INTRODUCTION

The [California Natural Resources Agency \(CNRA\)](#) is dedicated to providing their employees with the latest scientific research to inform their individual department's important management, regulatory, and policy decisions. This guide directs staff to the various resources and libraries that they can utilize, but does not reflect all of the resources available to CNRA employees. Contact your supervisor or department librarian about additional resources available to your unit.

Staff will need a California State Library (CSL) borrower card to access some of the databases and journals listed in this guide. The CSL is the central reference and research library for state government and the legislature. State employees can request a library card online through the [CSL's online library card application](#). Staff must provide their agency affiliation and work email address to confirm their state employment status.

The California Energy Commission (CEC) Library serves as the administrator for the academic journal and database subscriptions shared by the CNRA Partnership for Scientific Literature Access. Departments include:

- California Energy Commission (CEC)
- California Science Center
- California Tahoe Conservancy
- Colorado River Board of California
- Delta Protection Commission
- Delta Stewardship Council
- Department of Conservation (DOC)
- Department of Forestry and Fire Protection
- Department of Parks and Recreation
- Department of Fish and Wildlife (CDFW)
- Department of Water Resources
- Ocean Protection Council
- Sacramento-San Joaquin Delta Conservancy
- San Diego River Conservancy
- San Francisco Bay Conservation and Development Commission
- San Gabriel Rivers and Mountains Conservancy
- Sierra Nevada Conservancy
- State Lands Commission

For questions or issues with accessing resources listed in this guide, please contact library staff at library@energy.ca.gov, or call (916) 654-4292.

SECTION 1: ONLINE RESOURCES

CNRA employees can access a number of online resources from their work computers. This section will discuss a selection of databases, academic journals, newspapers, eBooks providers, and more. Staff will need a California State Library (CSL) borrower card to access some of the databases and journals listed in this section.

1.1 Citation Databases

Citation databases index publication citations from journal articles, book chapters, conference proceedings, and trade publications. Information in these databases often include the publication's title, author(s), journal title, volume, pages, publication date, DOI, abstract, and the number of times the publication has been cited in other publications. Citation databases, such as those listed in this section, are used to locate resources for literature reviews and reports, or can be utilized to conduct citation analysis.

[Scopus](#)

Scopus is a multidisciplinary abstract and citation index database produced by Elsevier, a scientific publisher. Scopus indexes peer-reviewed content from 24,600 active titles from 5,000 publishers selected by an independent review board. Searches are limited to keywords and information found in a typical citation (title, author, journal title, etc.) and abstract. Advanced search options allows users to search by funding source, author affiliation, biological entity, or chemical entity.

[Google Scholar](#)

Google Scholar is a citation database that helps users locate scholarly literature. When comparing Scopus and Google Scholar, researchers will typically find they retrieve more results with Google Scholar. This occurs for a number of reasons. Most notably, the resources provided by Google Scholar might not be peer-reviewed or from credible sources. Google Scholar does not curate or verify the resources that they index. Google Scholar also performs searching of the entire full-text document for your entered keywords, while Scopus only searches basic fields (title, author, publication title, etc.) and the abstract. In addition, Google Scholar indexes additional types of resources that are not found in Scopus including theses, court opinions, and limited government publications. While Google Scholar is a popular and useful resource, researchers should keep these factors in mind when using the database.

[Pubmed](#)

Available to the public online since 1996, PubMed was developed and is maintained by the National Center for Biotechnology Information (NCBI), at the U.S. National Library of Medicine (NLM), located at the National Institutes of Health (NIH). PubMed comprises more than 30 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher websites.

1.2 Databases

[Biodiversity Heritage Library](#)

The Biodiversity Heritage Library (BHL) is the world's largest open access digital library for biodiversity literature and archives. The BHL portal provides free access to hundreds of thousands of volumes, comprising over 57 million pages, from the fifteenth to the twenty-first centuries.

[Birds of North America](#)

The most comprehensive reference for the life histories of over 760 bird species that breed in the United States and Canada, produced by the Cornell Lab of Ornithology.

In Spring 2020, Birds of North America will be replaced by [Birds of the World](#). Birds of the World will contain 10,721 species accounts from every bird species in the world. It is an entirely new scientific publication that merges and enhances content, data, multimedia, figures, and illustrations from four different ornithological volumes: Birds of North America (BNA), Neotropical Birds, Handbook of Birds of the World (HBW Alive), and Bird Families of the World.

[ChemKnowledge Search](#)

Includes ChemCollection containing over 75 global governmental datasets on chemical hazards and regulatory information and ReproCollection, a complete reproductive risk collection from databases worldwide with evaluations of reproductive effects of drugs and chemicals from a hazard potential identification, exposure reduction, medical and legal perspective. (Please register for access using your state agency email address.)

See [ChemKnowledge Help](#) for database search instructions and tips.

[Cochrane Library](#)

A collection of databases that contain different types of high-quality, independent evidence to inform healthcare decision-making. Includes Cochrane Database of Systematic Reviews, Cochrane Central Register of Controlled Trials (CENTRAL), and Cochrane Clinical Answers.

See [Cochrane Library Training Hub](#) for database search instructions and tips.

[EBSCOhost](#)

An online literature database containing thousands of journal articles (many with full-text access) that cover a wide variety of subjects. Content includes the following collections:

- Academic Search Ultimate
- Applied Science & Technology Source Ultimate
- Business Source Complete
- Education Source
- Environment Complete

- GreenFile
- Library, Information Science, and Technology Abstracts
- MEDLINE Complete
- OpenDissertations
- Psychology and Behavioral Sciences Collection
- Regional Business News
- STM Source

See [Basic Search on EBSCO Interfaces](#) and [Advanced Search on EBSCO Interfaces](#) for database search instructions and tips.

[Embase](#)

A biomedical database covering the most important international biomedical literature from 1947 to the present. Search and access over 8,500 journals from over 95 countries, including MEDLINE titles.

See [Embase Quick User Guide](#) for database search instructions and tips.

[GeoScience World \(DOC Only\)](#)

Through GeoScience World, DOC employees have full-text access to 47 different earth science journals, primarily focused on varying aspects of geology.

[GeoRef Database \(DOC Only\)](#)

The GeoRef database, available through GeoScience World, is the most comprehensive bibliographic database in the geosciences. It contains over 3.9 million references to geoscience journal articles, books, maps, conference papers, reports and theses, covering the geology of North America from 1666 to the present and the rest of the world from 1933 to the present.

[HeinOnline](#)

A searchable digital library of full-text collections of legal journals, texts, cases, statutes, regulations, presidential materials, treaties, as well as international and foreign legal journals, cases and materials. Contains select environmental law journals.

See [HeinOnline Help](#) for database search instructions and tips.

[IEEE Xplore \(CEC Only\)](#)

This database contains documents from IEEE journals, transactions, magazines, letters, conference proceedings, and Institution of Engineering and Technology publications covering subjects in electrical engineering, computer science, and electronics.

CNRA staff are welcome to visit the CEC Library to access this resource on the patron computer.

See [IEEE Xplore Resources and Help](#) for database search instructions and tips.

[JSTOR \(CDFW and CEC Only\)](#)

Provides access to business, economics, humanities, and science journals.

CNRA staff are welcome to visit the CEC Library to access this resource on the patron computer.

See [JSTOR's How to Search Libguide](#) for database search instructions and tips.

[Proquest Sci-Tech Premium Collection](#)

Provides full-text titles from around the world, including scholarly journals, trade and industry journals, magazines, technical reports, conference proceedings, government publications, and more. Includes the natural science collection databases for agricultural and environmental science; earth, atmospheric and aquatic science; and biological science; and technology collection databases for advanced technologies and aerospace and materials science and engineering.

See [Proquest Platform Search Tips Libguide](#) for database search instructions and tips.

[ScienceDirect](#)

ScienceDirect is a large database of peer-reviewed scientific journals, articles, book chapters, and open access content. Select CNRA departments have full-text access to over 200 academic journals on the topics of environmental science and energy.

See [ScienceDirect User's Quick Start Guide](#) for database search instructions and tips.

[Techstreet \(CEC Only\)](#)

The CEC Library has a subscription to UL standards, NFPA 2, and select ASHRAE standards and guidelines.

CNRA staff are welcome to visit the CEC Library to access this resource on the patron computer.

1.3 Academic Journals

CNRA staff can access over 100,000 academic journals and eBooks through open access, department subscriptions, and the CSL. To browse or search a list, visit the [A-Z Journal List](#) via the CEC Library's Discovery Service.

[American Chemical Society](#)

Select CNRA departments can access this subscription through the publisher's website.

- [Environmental Science and Technology](#)

[American Society of Civil Engineers \(DOC Only\)](#)

DOC employees can access this subscription through the publisher's website.

- [Journal of Geotechnical and Geoenvironmental Engineering](#)

American Veterinary Medical Association

CNRA employees can access this subscription through the link below or the CSL's website.

- [American Journal of Veterinary Research](#)

Canadian Science Publishing (CSP)

Select CNRA departments subscribe to the following journals directly from CSP. CNRA staff can access these publications via the [publisher's website](#).

- [Journal of Unmanned Vehicle Systems](#)

CNRA staff can access the following CSP publication through the CSL's EBSCOhost subscription.

- [Canadian Journal of Fisheries and Aquatic Sciences](#)

Oxford

Select CNRA departments subscribe to the following journals directly from Oxford. CNRA staff can access these publications via the [publisher's website](#).

- [Auk](#)
- [The Condor: Ornithological Applications](#)
- [Journal of Mammalogy](#)
- [Review of Environmental Economics and Policy](#)

National Academy of Science

Select CNRA departments subscribe to the following journal directly from the National Academy of Science. CNRA staff can access these publications via the publisher's website.

- [Proceedings of the National Academy of Science](#)

Springer

Select CNRA departments subscribe to the following journals directly from Springer. CNRA staff can access these publications via the [publisher's website](#).

- [Climatic Change](#)
- [Conservation Genetics](#)
- [Estuaries and Coasts](#)
- [Historical Archaeology](#)
- [Journal of Environmental Studies and Sciences](#)
- [Energy Efficiency](#)
- [Wetlands](#)
- [Wetlands Ecology and Management](#)

Taylor and Francis (CEC Only)

The CEC subscribes to the following journals directly from Taylor and Francis. CEC staff can access these publications via the [publisher's website](#).

- [Climate Policy](#)
- [Energy Engineering](#)
- [International Journal of Sustainable Transportation](#)

Wildlife Disease Association

Select CNRA departments subscribe to the following journal directly from the Wildlife Disease Association. CNRA staff can access these publications via the publisher's website.

- [Journal of Wildlife Diseases](#)

Wiley

Select CNRA departments subscribe to a large collection of Wiley journals. CNRA staff can access these publications via the [Wiley Online Library](#). A few journals to note are:

- [AGU journals \(various\)](#)
- [Conservation Biology](#)
- [Ecological Society of America \(ESA\) journals \(various\)](#)
- [Fisheries](#)
- [Journal of Aquatic Animal Health](#)
- [Journal of Wildlife Management](#)
- [Limnology and Oceanography](#)
- [Limnology and Oceanography Bulletin](#)
- [Limnology and Oceanography: Methods](#)
- [North American Journal of Aquaculture](#)
- [North American Journal of Fisheries Management](#)
- [Transactions of the American Fisheries Society](#)
- [Water Resources Research](#)
- [Wildlife Monographs](#)

1.4 Newspapers

[America's News \(NewsBank\)](#)

Provides access to full-text articles from over 900 newspapers throughout the United States, including over 100 California titles.

[New York Times](#)

Access to current New York Times content, including breaking news, multimedia, reviews and opinion, blogs, videos, and more. Registered CSL borrowers can access the New York Times

through this URL. Staff will need to register and log into their personal nytimes.com account. Staff will receive a 24-hour pass for access and will need to enter through this URL again to get another pass when it expires.

[Wall Street Journal](#)

The preeminent publication for business news and information on financial markets worldwide. Users can quickly access not only top news stories about companies, people and products, but also detailed information from all the paper's sections including editorials, letters to the editor, stock and bond prices and currency exchange rates from 1984 to present.

1.5 EBooks

[National Academies Press](#)

Full-text books and reports from the National Academy of Sciences, the National Academy of Engineering, the Institute of Medicine, and the National Research Council.

[Online Glossary of Geology \(DOC Only\)](#)

This online Glossary by the American Geosciences Institute provides access to more than 39,000 entries from the 5th edition of the print Glossary, and draws its authority from the expertise of more than 100 geoscientists from varied specialties.

[Safari Books Online](#)

This on-demand digital library provides access to the most current and popular technical and business books, videos, and certification guides from publishers including: For Dummies, Cisco Press, IBM Press, Microsoft Press, O'Reilly Media, PeachPit Press and others.

[Scientific Style and Format \(University of Chicago Press\)](#)

Now in its eighth edition, this indispensable reference for authors, editors, publishers, students, and translators in all areas of science and related fields has been fully revised by the Council of Science Editors to reflect today's best practices in scientific publishing. This fully searchable online edition makes it easy to find the answers you need quickly. Available to select CNRA departments.

1.6 Government Publications

This section will discuss online resources to help staff locate government publications and research.

[Archive of the California Government Domain, Ca.gov \(April 2015-current\)](#)

This archive preserves access to hundreds of California state agency sites. This resource is useful when trying to locate government publications that have been removed from agency websites.

[California State Library's Government Publications Section](#)

The CSL's Government Publications Section provides the public with free and open access to government information, providing a single primary location for government documents and information assistance. The CSL is the regional depository of the Federal Depository Library Program (FDLP) in California and a full depository for California state government publications distributed under the Library Distribution Act. Search the [CSL's online catalog](#) to locate government publications in their collection. Links to publications available online can be found in their catalog records.

[OSTI.gov \(Federal\)](#)

OSTI.GOV is the primary search tool for Department of Energy (DOE) science, technology, and engineering research and development results and the organizational hub for information about the DOE Office of Scientific and Technical Information. OSTI.GOV makes discoverable over 70 years of research results from DOE and its predecessor agencies. OSTI.GOV contains over 3 million records, including citations to 1.5 million journal articles, 1 million of which have digital object identifiers (DOIs) linking to full-text articles on publishers' websites.

[Science.gov \(Federal\)](#)

Science.gov searches over 60 databases and over 2,200 scientific websites to provide users with access to more than 200 million pages of authoritative federal science information including research and development results.

1.7 Codes and Standards

[California Code of Regulations](#)

Print copies are available in the reference collection at the Witkin Law Library (CSL). The CEC Library has a print copy of Title 24 in the library's reference collection.

[ANSI Standards](#)

The [American National Standards Institute \(ANSI\) Incorporated by Reference \(IBR\) Portal](#) provides a one-stop mechanism for access to standards that have been incorporated by reference in the U.S. Code of Federal Regulations (CFR). Users can view, but not download or print.

[ASCE Standards](#)

The Caltrans Transportation Library currently has a subscription to the database ASCE Library with access to standards. See [section 4.4](#) of this document for their open hours and contact information.

[ASHRAE Standards](#)

The CEC Library has online access to standard 62.2 and select guidelines via Techstreet Enterprise.

ASTM Standards

Register to use [ASTM's online reading room](#) to view ASTM safety standards incorporated in the U.S. CFR.

The Caltrans Transportation Library currently has access to ASTM standards. See [section 4.4](#) of this document for their open hours and contact information.

The CSL has a collection of the *Annual Book of ASTM Standards* in print. See the library's [catalog record](#) for more information.

IEEE Standards

Local colleges and universities, such as CSU Sacramento and UC Davis, will often have access to IEEE standards through the database IEEE Xplore. Most public university libraries will allow guest researchers to access their digital resources from their on-site computers.

NFPA Codes and Standards

NFPA codes and standards are available to view online via their [website](#). Users will be asked to create a login to access.

The CEC Library has a print copy of NFPA 70 in the library's reference collection. CEC staff can also access NFPA 2 via Techstreet Enterprise.

SAE Standards

The Caltrans Transportation Library currently has a subscription to the database SAE Mobilus with access to standards. See [section 4.4](#) of this document for their open hours and contact information.

UL Standards

The CEC Library has access to UL standards via Techstreet Enterprise. See [section 4.3](#) for open hours and contact information.

1.8 Data and Statistics

This section will provide a selection of online resources to help staff locate datasets and statistics.

[American FactFinder \(U.S. Census Bureau\)](#)

Statistics on United States population, housing, economy, etc. Datasets available for download.

[California Environmental Data Exchange Network \(CEDEN\)](#)

CEDEN is a central location to find and share information about California's water bodies, including streams, lakes, rivers, and the coastal ocean. Many groups in California monitor water quality, aquatic habitat, and wildlife health to ensure good stewardship of our ecological resources. CEDEN aggregates this data and makes it accessible to environmental managers and the public.

[California Natural Resources Agency Open Data Portal](#)

The CNRA Open Data Platform provides data to State of California citizens, agencies, and interested stakeholders in a transparent and useful manner. The Open Data Platform supports the CNRA organizations' and programs' missions by providing an environment to publish and share useful data that can be effectively utilized by all.

[Data.gov](#)

The site is a U.S. government repository for federal, state, local, and tribal government data, made available to the public.

[Statistical Abstract of the United States \(Proquest\)](#)

An authoritative and comprehensive summary of statistics on the social, political, and economic conditions of the United States.

1.9 Maps

[California Geological Survey Maps and Data](#)

The California Geological Survey (CGS) has the responsibility of disseminating geologic information about California to its citizens, schools, private sector, and government. The traditional and most useful means of accomplishing this charge is to provide appropriate geologic maps. The CGS programs produce professional geologic maps at various scales, and derivative maps showing important aspects of geologic hazards or resources.

The CGS Library maintains print and digital copies of maps made by the state survey, USGS, and other state agencies, as well as many historic maps and mine maps, currently in the process of digitization.

[USGS National Geologic Map Database](#)

The National Geologic Map Database (NGMDB) is a distributed archive of geoscience information for the nation. The database was mandated by the Geologic Mapping Act of 1992 and is cooperatively built and maintained by the USGS and State Geological Surveys.

SECTION 2: LOCATING ONLINE RESOURCES

This section will discuss search techniques, tools, and services for locating online resources.

2.1 Online Search Tips

Getting started

If you do not have a specific article or author in mind, you can begin your research with a keyword search based on your topic of interest. Your initial results will provide you with a cursory overview of relevant journals and articles. By refining your search criteria and results, you can tailor the results to fit your research needs.

Search techniques

Databases, library catalogs, and search engines may support different search techniques to limit the results retrieved. Common search techniques include the use of:

- **Boolean Operators**: The words AND, OR, NOT, AND NOT may be used to combine or exclude keywords in a search to retrieve more relevant results.
 - AND – requires both terms to appear in retrieved item; narrows the search
 - OR – either term (or both) in retrieved item; broadens the search
 - NOT /AND NOT – first term is searched, following terms subtracted from results
 - () – group terms together using parentheses
 - EXAMPLE: (carbon OR co2 OR ecological) AND footprint
- **Truncation**: The use of the symbol * to broaden keyword searches to include various word endings
 - EXAMPLE: indust* retrieves results that include all variants of the root word (industry, industries, industrial, etc.).
- **Wildcards**: The substitution of a wildcard character for a letter in a keyword to include all spellings of that particular word.
 - EXAMPLE: col?r retrieves results that include “color” or “colour”
- **Phrase searching**: Quotation marks should be used around a phrase or concept of two or more words. Doing this ensures that the concept will be searched for as a whole and not picked apart by the search engine. For example, typing *solar energy* without quotation marks could potentially retrieve all items that mention solar, all items that mention energy, as well as all items about solar energy. This could lead to results that seem to have nothing to do with your topic. For best results, use quotes. For example: "solar energy" or “solar energy” AND “water heating”.

Not all databases, catalogs, or search engines support all of these techniques; database providers typically include notations about what search techniques are compatible with their system.

2.2 Tools for Locating Online Full-Text Resources

The CEC Library serves as the administrator for journal and database subscriptions shared by CNRA departments. The following section details a few tools that are configured to assist CNRA employees with locating full-text versions of online journal articles and eBooks.

[CEC Library's Discovery Service](#)

The CEC Library's Discovery Service allows staff to search across the library's various journal and database subscriptions for full-text resources. Databases accessed through the CSL are also indexed in this platform.

See [Appendix A](#) for discovery service search tips and instructions.

[Google Scholar Full-Text Links](#)

Settings can be adjusted to attach links to a Google Scholar search result. These links direct users to the full-text version of a journal article.

See [Appendix B](#) on how to add full-text links to Google Scholar.

[Kopernio](#)

Kopernio is a free browser extension that provides links to full-text articles on publisher websites. Kopernio will search the CEC Library's various subscriptions to locate a PDF of the full-text article. If the library does not have access to the resource through our subscriptions, Kopernio will search for open access alternatives. The plug-in will also automatically download a copy of the PDF to your account's Kopernio locker (cloud storage) so you can read it later or on another computer.

See [Appendix C](#) on how to add the Kopernio plugin to your browser (Chrome, Firefox, or Opera).

2.3 Alerts

Databases and journal publishers often allow users set up email alerts to notify them of new articles matching a designated criteria or new issues of a specific journal. These alert services and technologies can help you keep track of current literature in your field of study.

[Database Alerts](#)

The following databases will allow users to create alerts.

[EBSCOhost](#)

EBSCOhost alerts require users to register for a personal login. See [EBSCOhost's Search Alerts Tutorial webpage](#) for additional information on how to set up alerts.

[Google Scholar](#)

Google Scholar alerts require a Google account. See [Google Scholar's Email Alerts webpage](#) for additional information on how to set up alerts.

Scopus

Scopus alerts require users to register for a personal login. View a video tutorial from Scopus, [“How to Save Searches and Set Alerts”](#) for additional information on how to set up alerts.

Pubmed

Pubmed alerts require free registration through My NCBI. See [NCBI’s Saving and Managing Searches webpage](#) for additional information on how to set up alerts.

Journal Alerts

Publishers often allow users sign up for alerts to notify you when they publish a new issue of a journal. Search a publisher’s website for alerts or email notifications.

JournalTOCs

JournalTOCs is a free service that compiles the latest tables of contents from over 12,000 scholarly journals. Alerts can be emailed or sent to an RSS feed.

2.4 Interlibrary Loan Services

CNRA staff can access additional resources not found in their department library’s collection through interlibrary loan (ILL) services.

California Energy Commission Library (CEC Only)

Contact CEC Library staff at library@energy.ca.gov to submit an ILL request.

California Geological Survey Library (DOC Only)

Contact CGS Library staff at cgslibrary@conservation.ca.gov to submit an ILL request.

California State Library

All state employees can utilize the CSL’s ILL services. Submit an ILL request through the library’s [Ask a Librarian online form](#). For more information, see the library’s [Interlibrary Borrowing webpage](#).

SECTION 3: PRINT RESOURCES

California State Library

Established in 1850, the CSL is the oldest continuously operated public library in the American West and is the central reference and research library for state government and the Legislature. The library collection includes more than 4 million titles, 6,000 maps, and 250,000 photographs. It has an extensive collection of documents from and about the state's rich history and is one of the major genealogical reference libraries on the West Coast. It also holds significant collections from Mexico, the United Kingdom and Europe, with manuscripts dating back to the 13th and 14th centuries. The CSL is both a State and Federal Depository Library, providing free and open access to government information, and is a U.S. Patent and Trademark Resource Center.

The CSL is also home to the Bernard E. Witkin State Law Library. The law library has an extensive collection of primary and secondary sources with a focus on California law. Primary sources from California's beginnings aid the Legislature and state agencies in tracing legislative or regulatory histories, and practice guides and court briefs aid lawyers and those proceeding pro se. The collection extends beyond California. They have materials relating to other states, federal legislation, and even historical and international law.

CNRA employees can borrow most print materials directly from the CSL. For additional information, visit the [CSL's Services for State Employees webpage](#).

California Energy Commission Library

The CEC Library has an extensive print collection of energy-related books and periodicals from the 1970s until present day.

CEC staff can borrow from the library's print collection. CNRA staff can view these resources in the library.

California Geological Survey Library

The CGS Library has been in existence since 1880 and has developed into an extensive collection of scientific and technical materials on geology, geomorphology, engineering, earthquakes, landslides, mineralogy, mining, seismology, and other related topics. The library contains over 100,000 items, which include books, maps, theses, periodicals, guidebooks, reports, photographs, and slides, some of which are rare and historical. It houses publications by the California Geological Survey, as well as many by the United States Geological Survey. The CGS Library is open to DOC staff, state employees, and the general public for reference and research.

Circulating items may be checked out on-site by DOC staff only, while all others can obtain materials through interlibrary loan channels.

SECTION 4: CALIFORNIA STATE GOVERNMENT LIBRARIES

4.1 California State Library (CSL)

[California State Library - Main Library Building](#)

(California History Room and Braille and Talking Books Library)

900 N Street

Sacramento, CA 95814-4869

(916) 323-9843

csinfo@library.ca.gov

Hours: Monday through Friday, 9:30 a.m. to 4:00 p.m.

Open to the public and staff.

[CSL's website](#)

[CSL Library's catalog](#)

[Stanley Mosk Library & Courts Building](#)

(Information Services Section, Witkin State Law Library, and Government Publications Section)

914 Capitol Mall

Sacramento, CA 95814

(916) 323-9843

csinfo@library.ca.gov

Hours: Monday through Friday, 9:30 a.m. to 4:00 p.m.

[J. Paul Leonard Library - Sutro Library](#)

1630 Holloway Avenue

San Francisco, CA 94132

(415) 469-6100

sutro@library.ca.gov

Hours: Monday through Friday, 10:00 a.m. to 4:00 p.m.

The CSL is the central reference and research library for state government and the legislature. The CSL's online resources and searchable databases include full-text articles of newspapers, magazines, and journals; e-books from industry-leading technical publishers; ordinances from California cities, counties, and the state; and U.S. and state demographic and government statistical information and data tools. As state employees, CNRA staff can access CSL catalogs, online resources, and services remotely or by visiting their libraries in Sacramento or San Francisco.

To access CSL catalogs, online resources, and services, you will need a state library card. Please visit the [CSL's online library card application webpage](#) to apply.

4.2 California State Archives

1020 O Street

Sacramento, CA 95814

(916) 653-2246

Hours: Monday through Friday, 9:30 a.m. to 4:00 p.m.

[California State Archive's website](#)

[California State Archive's catalog](#)

The California State Archives collects, catalogs, preserves, and provides access to the historic records of state government and some local governments. The Archives collection is primarily composed of records from California state agencies, the governor's office, the state legislature, and the State Supreme Court and Courts of Appeal.

4.3 CNRA Department Libraries

California Energy Commission Library

1516 9th Street, 1st Floor

Sacramento, CA 95814

(916) 654-4292

library@energy.ca.gov

Hours: Monday through Friday, 8:00 a.m. to 4:00 p.m.

Open to public by appointment only.

[CEC Library's website](#)

[CEC Library's catalog](#)

The California Energy Commission Library provides information services, books, documents, and other resources on energy-related topics to the public and state employees.

California Geological Survey Library (DOC)

801 K Street, 14th Floor

Sacramento, CA 95814

(916) 327-1850

cgslibrary@conservation.ca.gov

Hours: Monday through Thursday, 9:00 a.m. to 4:00 p.m. Closed 12:00 p.m. to 1:00 p.m. for lunch.

[CGS Library's website](#)

[CGS Library's catalog](#)

The California Geological Survey Library provides information and support for CGS, DOC, state employees, and the general public through its collections and services.

The California African American Museum Library

600 State Drive

Exposition Park

Los Angeles, CA 90037

(213) 744-2544

dmciver@caamuseum.org

Hours: Tuesday through Sunday, 9:00 a.m. to 5:30 p.m.

[CAAM Library's website](#)

CAAM's Research Library holds over 6,000 books in subjects such as history, music, art, and culture. It has 100 popular and scholarly periodicals dating back to the 1960s, including issues of selected African American newspapers such as the Chicago Defender, the Pittsburgh Courier, and the Los Angeles Sentinel. The Research Library has access to daily editions of the Los Angeles Times, the New York Times and the Wall Street Journal. It also has 500 videos, DVDs, and sound recordings, including many documentaries on the lives of artists and musicians.

The California Railroad Museum Library

111 I Street

Sacramento, CA 95814

(916) 323-8073

library.csrml@parks.ca.gov

Hours: Tuesday through Saturday, 1:00 p.m. to 5:00 p.m.

[CRM Library's website](#)

[CRM Library's catalog](#)

The library and archives supports the California State Railroad Museum's mission of preserving and providing access to the history of railroads and railroading in California, the West and the Nation.

4.4 Other State Department Libraries of Interest

CalEPA Library

1001 I Street, 2nd Floor

Sacramento, CA 95814

(916) 327-0635

CalEPALibrary@arb.ca.gov

Hours: Monday through Friday, 8:30 a.m. to 4:30 p.m.

Open to the public and staff. Contact before visiting to ensure staff are available.

[CalEPA Library's website](#)

[CalEPA Library's catalog](#)

The CalEPA Library serves staff and the public by providing print and electronic resources including books, journals and other periodicals, research reports, and reference materials. Topics covered include air pollution, atmospheric science, climate change, economics, epidemiology, green chemistry, hazardous substances, pesticide use, public health, recycling, renewable energy, toxicology, waste management, water use, groundwater and other environmental science topics within CalEPA's scope.

The CalEPA Library currently has a subscription to *Nature*, *Nature Climate Change*, and *Nature Geoscience*.

[Caltrans Transportation Library](#)

1120 N Street, Room 1430

Sacramento, CA 95814

(916) 654-4601

library@dot.ca.gov

Hours: Monday through Friday, 9:00 a.m. to 4:00 p.m.

Open to the public by appointment only.

[Caltrans Library's website](#)

[Caltrans Library's catalog](#)

The Transportation Library at Caltrans holds materials on all modes of transportation and includes selections on highways and structures design, construction, operations and maintenance, earthquake engineering, transportation economics, taxation, finance and administration, traffic engineering, and environmental planning.

The Caltrans Library currently has a subscription to the database ASCE Library, providing access to American Society Civil Engineering (ASCE) journals, standards, and publications.

[California Department of Housing and Community Development \(HCD\) Library](#)

2020 W. El Camino Avenue, Suite 501

Sacramento, CA 95833

(916) 263-7448

library@hcd.ca.gov

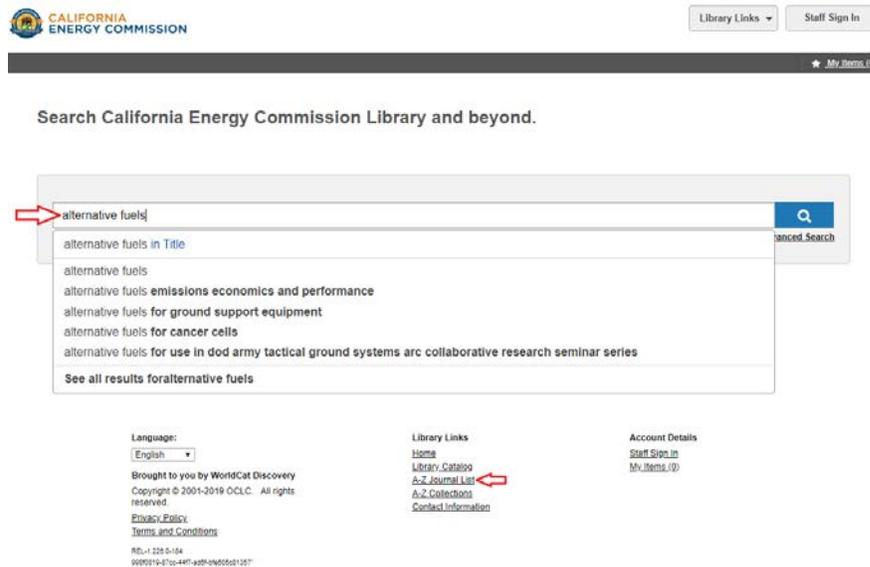
Open by appointment only.

[HCD Library's catalog](#)

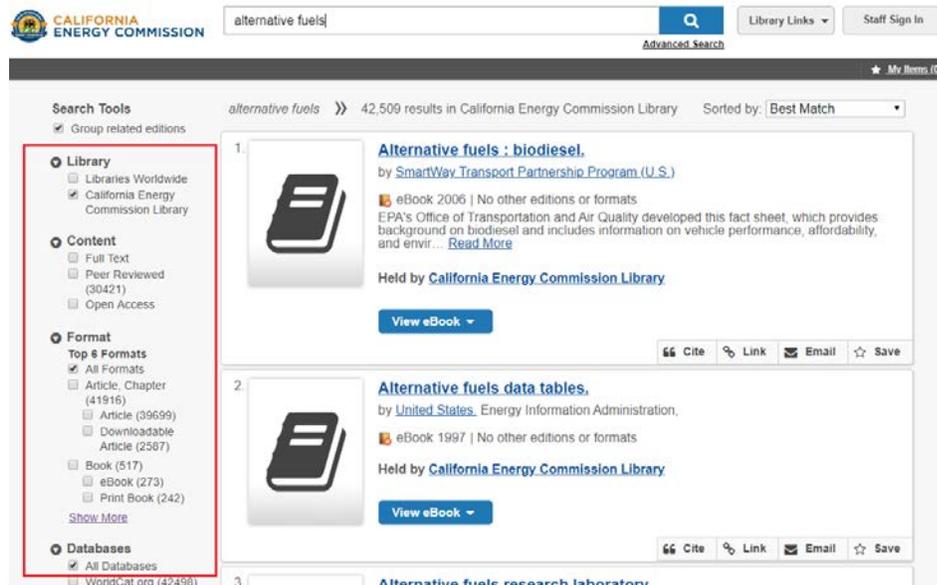
The HCD Library maintains a collection of books, reports, journals, newsletters and other information resources relevant to housing and community development issues, such as sustainability, climate change, resilient communities, transit-oriented development, homelessness, and affordable housing.

APPENDIX A: CEC LIBRARY DISCOVERY SERVICE SEARCH TIPS

1. Type keywords (journal article title, publication title, author, etc.) into the search bar or click on A-Z Journal List under Library Links to view all available journals.



2. Use filters on the left side to narrow down your search results. You can filter your results by format, content type, author, or language.



3. Click on the title of a resource for more information. The “Check Availability” tab provides information on how to access the resource.

The screenshot shows the California Energy Commission library website. At the top, there is a search bar with the text "alternative fuels" and a search button. To the right of the search bar are links for "Library Links" and "Staff Sign In". Below the search bar, there is a "View Filters" section and a "My Items (0)" link.

The main content area displays search results. The first result is "Alternative fuels data tables." by United States, Energy Information Administration, published in 1997. It is held by the California Energy Commission Library. Below the title is a "View eBook" button. The second result is "Alternative fuels research laboratory" by Angela D. Surgenor, NASA Glenn Research Center, published in 2012. It is also held by the California Energy Commission Library. Below the title is a "View eBook" button.

The detailed view of the "Alternative fuels data tables." resource is shown on the right. It includes a "View eBook" button, a "View Description" button, an "Explore Editions and Formats" button, and a "Check Availability" button (circled in red). Below the "Check Availability" button is an "Access Online" section with 2 links. The links are:

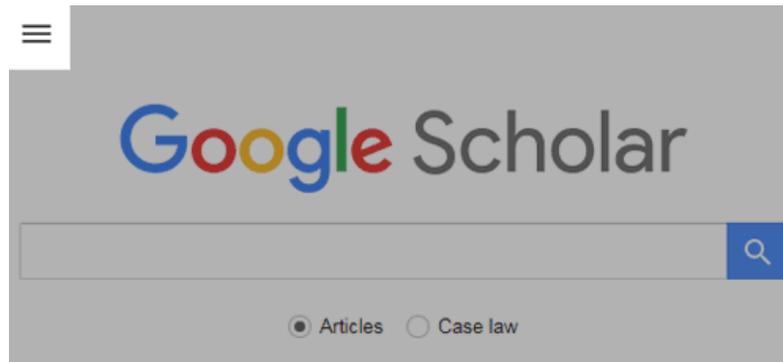
Publication	Database / Coverage
View eBook	Alternative fuels data tables
	U.S. Government Documents - Electronic

Below the table is a link to url.access.gpo.gov with the text "connect to online version".

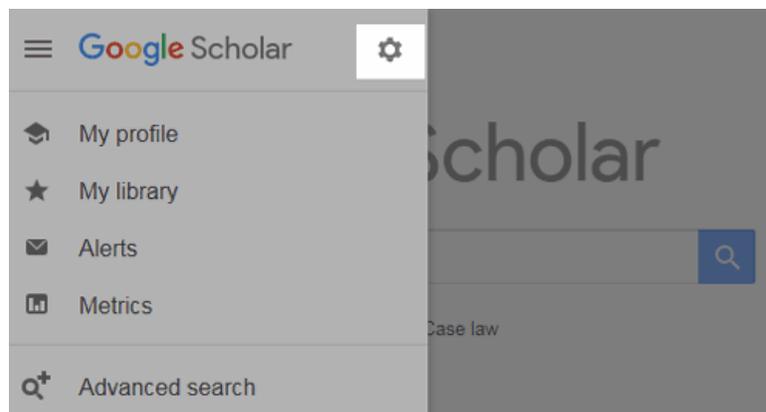
APPENDIX B: ADDING FULL-TEXT LINKS TO GOOGLE SCHOLAR

Update your Google Scholar settings to link to the CEC Library's collection. CNRA employees can use this setting to locate full-text resources accessed through subscriptions managed by the CEC Library or the CSL.

1. Go to [Google Scholar](#). Click the three horizontal bars in the corner to view the menu.



2. Click the cog icon to see **Settings**.



3. Click Library Links and search for **California Energy Commission**.
4. Check the box next to "**California Energy Commission Library**" link.

Show library access links for (choose up to five libraries):

California Energy Commission

e.g., *Harvard*

- Open WorldCat - Library Search
- California Energy Commission Library - Full Text @ CEC Library

Online access to library subscriptions is usually restricted to patrons of that library password, use a campus computer, or configure your browser to use a library's website or ask a local librarian for assistance.

4. Click **Save**.

A “**Full Text @ CEC Library**” link will now appear next to articles in your Google Scholar search results. Click on it to access a PDF of the article.

[Population genetic diversity and structure of two rare vernal pool grasses in central California](#)

[\[PDF\] sonoma.edu](#)

[Full Text @ CEC Library](#)

SP Gordon, CM Sloop, HG Davis, [JH Cushman](#) - Conservation Genetics, 2012 - Springer

Vernal pool ecosystems are declining throughout California, with only 10% of historic habitat remaining. This has endangered many specialist endemic plant species, leaving extant populations fragmented, isolated, and threatened or endangered. Recovery plans for the increasing number of endangered vernal pool species require information on their genetic and ecological status to guide conservation and restoration efforts. Federally threatened *Neostapfia colusana* (Colusa grass) and federally endangered *Tuctoria greenei* (Greene's ...

☆  Cited by 26 [Related articles](#) [All 23 versions](#)

APPENDIX C: KOPERNIO

1. Install the Kopernio plugin at [Kopernio's website](#) using Chrome, Firefox, or Opera browser.
2. Select California Energy Commission from the list of institutions and create an account.

✓ Install ————— ② Institution ————— ③ Account

Find your institution

When you let us know which institution you are affiliated with, we will be able to integrate with your subscription access. If you're affiliated with more than one, don't worry, you can add this later.

Start typing to find your institution

Select this institution >

Can't find your university? Please try alternative or English spellings of your institution. Still can't find your university? [Let us know](#)

Not affiliated with an institution? You can still use Kopernio to find open access PDFs faster.

3. After you complete your registration, you will see a “View PDF” button when you visit a publisher’s website. The button will search the library’s subscriptions and open access content to locate a full-text PDF of the resource.

The screenshot shows the top navigation bar of a Nature journal article page. It includes a 'MENU' dropdown, the 'nature' logo, and icons for Search, E-alert, Submit, and Login. The article title is 'Bacteriophage genes that inactivate the CRISPR/Cas bacterial immune system', published on 16 December 2012. The authors are Joe Bondy-Denomy, April Pawluk, Karen L. Maxwell & Alan R. Davidson. The article has 188k accesses, 275 citations, and 137 Altmetric metrics. A prominent green 'View PDF' button is overlaid on the abstract section. The abstract begins with 'A widespread system used by bacteria for protection against potentially dangerous foreign DNA molecules consists of the clustered regularly...'. To the right, there is an 'Editorial Summary' section titled 'Phage genes deploy 'anti-CRISPR' defence' and a 'Download PDF' button.

The plugin will also automatically download a copy of the PDFs to your account’s Kopernio locker (cloud storage). Access your locker from [Kopernio's website](#).