



Sustainability: Making an Impact with Research and Rhetoric

Term: Wtr 2012

Librarian

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Engineering Library

Getting Started

[3]

1. Use [Reference Sources](#) [4] to jumpstart your research, to get ideas, search terms, context, and more.
2. Find Books, Journal Titles and Media in [Stanford's Online Catalog, SearchWorks](#). [5]
3. Find Articles in [Selected Databases](#). [6]

Note: Stanford subscribes to over [1000 Databases](#) [7] that index articles and books on various topics. Since there are so many databases we recommend a [select subset of databases](#) [6] which will give you access to articles in a wide variety of subject areas.

4. **Find Resources on your Course Theme.** Click the link(s) below.



- [Sustainable Energy Resources](#) [8]
- [Environmental Resources](#) [9]

Sustainable Energy Resources

[10]

Background sources

- [Encyclopedia of environmental ethics and philosophy](#). [11] 2 volumes (IC)- GE42 .E533 2009
- [Encyclopedia of global warming and climate change](#). [12] 3 volumes (IC) - QC981.8 .G56 E47 2008
- [Encyclopedia of Energy](#). [13] 6 volumes. (Online and SAL3) - TJ163.28 .E53 2004
Use the online links to check this set covering energy efficiency and conservation opportunities, renewable and alternative energy sources, the financial analysis of energy systems, performance contracting, environmental regulations, global climate change, green development, hydrogen-fueled vehicles, and much more.
- [Encyclopedia of Energy Technology and the Environment](#). [14] 4 volumes (SAL3) - TJ163.235 .E53 1995
The four-volume set examines the impact of energy production technologies on the environment. Somewhat outdated, but good for background and historical perspective. Not available online.

Subject terms for finding books (samples link into [SearchWorks](#) [5]) and searching databases

- [Renewable energy sources](#) [15]
- [Solar energy](#) [16]
- [Biomass energy](#) [17]
- [Geothermal resources](#) [18]
- [Renewable and Green Energy](#) [19]
- [Power resources](#) [20]
- [Biodiesel fuels](#) [21]

E-books and Journals

- [Sustainable Energy and Development E-books on CRCNetBase](#) [22].
- [Sustainable Energy and Development E-books on Knovel](#) [23]
Over 120 books on: Alternative & Renewable Energy Sources and Technologies, Energy Efficiency, Sustainable Agriculture, Sustainable Industrial Development, Sustainable Urban Development. Water Resources and Conservation. Browse by using the subject headings above the grey bar. Search by using the box at the top of the page.
- [Clean technologies and environmental policy](#) [24] (Quarterly journal. use Springerlink)
- [E: the environmental magazine](#) [25] (use Academic Search Premier)
- [Journal of renewable and sustainable energy](#) [26] (use AIP Journals)
- [International Journal of Sustainable Energy](#) [27] (use Academic Search Premier)
- [Scientific American earth 3.0](#) [28] (use Academic Search Premier)
- [Environmental ethics](#) [29] (journal in print - Green Library)

Databases:

- General
 - [Academic Search Premier](#) [30]
Use alone or add Environment Index, Green File, or Arctic & Antarctic Regions.
 - [Web of Knowledge](#) [31]



Includes many science databases, including CAB Abstracts (Agriculture), Biosis Previews, and Inspec (engineering). Choose one or search all at one time.

[National Technical Reports Library \(NTRL\)](#) [32]

Historical and current U.S. government technical reports.

Engineering focused

- [Energy citations database from OSTI](#) [33]

Over 2.3 million science research citations in disciplines of interest to DOE such as energy, environmental science, geology, engineering, climatology, oceanography, etc.

- [Engineering Village](#) [34]

Includes journal articles, proceedings, unclassified government reports, and more on a wide variety of engineering topics 1884-present.

Environment focused

- [CAB Abstracts](#) [35]

Covers several aspects of the life sciences (both agricultural and environmental) from the early 1900s-present.

- [Environment Index](#) [36]

Covers the world literature pertaining to technological and engineering aspects of air and water quality, environmental safety, and energy production. 1990-present.

- [GreenFILE](#) [37]

Human impact on the environment. Topics covered include global warming, green building, pollution, sustainable agriculture, renewable energy, recycling, and more.

Stanford Resources

- [Ethics of food and the environment](#) [38]

Campus speaker series (2007-2010) focused on the consequences of individual food choices and the role of institutions in managing resources, averting famines, and addressing inequities.

- [Stanford Solar and Wind Energy Project](#) [39]

Developing and Promoting Renewable Energy on and near Stanford's Campus, while also providing practical career experience for undergraduate and graduate students.

Websites

- [BLM - Renewable Energy Resources](#) [40]

Renewable energy projects on BLM-managed lands include wind, solar, geothermal, and biomass projects and transmission facilities needed to deliver this power to the consumer.

- [EPA - Clean Energy Program](#) [41]

The Environmental Protection Agency (EPA) Clean Energy Program is working with state policy makers, electric and gas utilities, energy customers, and other key stakeholders to identify, design and implement clean energy policy and technology solutions.

- [National Renewable Energy Laboratory \(NREL\)](#) [42]

National Renewable Energy Laboratory is the nation's primary laboratory for renewable energy and energy efficiency research and development (R&D). NREL develops renewable energy and energy efficiency technologies and practices, advances related science and engineering, and transfers knowledge and innovations to address the nation's energy and environmental goals.

- [Science.gov](#) [43]

Searches over 45 databases and over 2000 selected websites from 14 federal agencies in the United States.

- [U.S. DOE Energy Efficiency & Renewable Energy \(EERE\)](#) [44]

The U.S. Department of Energy's Energy Efficiency & Renewable Energy (EERE) sponsors various initiatives to build awareness about energy efficiency and renewable energy topics and to coordinate efforts toward specific goals.

Blog and News sites

- [ENN: Environmental News Network](#) [45]

- [Grist.org](#) [46]



[Natural Resources Defense Council](#) [47]

[Science Daily](#) [48]

[Worldwatch Institute](#) [49]

If you are still having trouble finding materials, just [Ask Us](#) [50]!

- [Environmental Studies](#) [51]

Environmental Resources

[52]

Reference Resources

- [Battleground : environment](#) [53]
- [The death and life of Monterey Bay : a story of revival](#) [54]
- [Deep future : the next 100.000 years of life on Earth](#) [55]
- [Encyclopedia of global warming and climate change](#) [12]