



Basic Searching Using EBSCO Discovery Service (EDS)

1. Access EBSCO Discovery Service (EDS) at:
<http://research.msl.mt.gov/>
2. On the left side of page, notice the single search bar below the words **Discover It**. Enter key words such as **Wind Turbines** as shown in this example to begin your search.

Research

Research Resources from the Montana State Library



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Discover It!

Search

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What's New



Are you a Montana state emp contractor? Are you aware th licenses many subscription d such as ReferenceUSA, Safe more? If not, now is perfect ti resources. For more informat Brunckhorst, Outreach and E call 406-444-5352.

Narrow down search results by limiting to full-text database articles.

All “limiters” options including subject, collection sections are other ways to narrow down searches.

The screenshot displays a library search interface with the following components:

- Navigation Bar:** Includes links for "New Search", "A-to-Z List of E-Resources", "Classic Catalog", "Sign In", "Folder", "Preferences", "Ask-A-Librarian", and "Help".
- Search Bar:** Contains the keyword "Wind Turbines" and buttons for "Search" and "Create Alert".
- Search Options:** Links for "Basic Search", "Advanced Search", and "Search History".
- Refine Results Panel (Left):**
 - Current Search:** Shows the search term and options to "Limit To".
 - Limit To:** Includes checkboxes for "Full-text database articles" (checked), "Catalog Only", and "Catalog and/or Full-Text".
 - Publication Date:** A date range selector set from 1620 to 2014.
 - Source Types:** A list of source categories with checkboxes: "All Results" (checked), "News (63,462)", "Magazines (40,067)", "Academic Journals (17,670)", "Trade Publications (9,584)", and "Reviews (880)".
 - Subject, Publisher, Publication, Language, Geography, Location, Collection:** Filterable sections.
 - Content Provider:** Includes checkboxes for "All Providers", "MasterFILE Premier (15,909)", and "USPTO Patent Applications".
- Search Results (Center):** Displays "Search Results: 1 - 50 of 178,674" with options for "Relevance", "Page Options", and "Share".
 - Result 1:** "Noise Source Localization on a Small Wind Turbine Using a Compact Microphone Array with Advanced Beamforming Algorithms: Part II-A Study of Mechanical Noise from Nacelle Using a Wind Turbine Drive Train Simulator." Includes author info, DOI, and a "PDF Full Text (3.1MB)" link.
 - Result 2:** "Evaluation of Wind Energy Generation and Site Pairing of Wind Turbines in Algeria." Includes author info, DOI, and a "PDF Full Text (1.3MB)" link.
 - Result 3:** "Method for moving a wind turbine component, such as a wind turbine hub, from a transportation position to a wind turbine assembly position in or on the nacelle, the main shaft or turbine hub, a handling unit, a wind turbine hub and use hereof." Includes author info and a "Patent" icon.
 - Result 4:** "A Numerical Study on the Improvement of the Performance of a Banki Wind Turbine." Includes author info, DOI, and a "PDF Full Text (1.2MB)" link.
 - Result 5:** "Measuring electromagnetic fields (EMF) around wind turbines in Canada: is there a human health concern?" Includes author info, DOI, and a "PDF Full Text (1.1MB)" link.
- Right Sidebar:** Features "State Web Archive" with a search box, "Digitized State Publications", and "Digital Public Library of America" with a "Find More" link and image thumbnails.

3. The **Refine Results** column allows for narrowing searches. Find full-text database articles by unchecking the **Catalog** and/or **Full Text** option. If desired, narrow a search further by choosing different options available located under the **Refine Results** column.
- **Hint:** To search for only full text options, click on the drop down arrow next to current search.

Limit To ▾

Full-text database articles

Catalog

Catalog and/or Full-Text

1883 Publication Date 2015

◀ ▶

[Show More](#)
Options set

Refine Results

Current Search ▾

Find all my search terms:
[wind turbines](#)

Expanders

Apply related words

Also search within the full text of the articles

Limiters

Full-text database articles

Catalog and/or Full-Text

Available in Library Collection

[Clear All](#)

Click the "x" for limiting search results to full-text

- Before clicking into an article either by title or by going directly to the full-text article, mouse over the magnifying glass to view abstract information about the article.

New Search | A-to-Z List of E-Resources | Classic Catalog | Sign In | Folder | Preferences | Ask-A-Librarian | Help

Keyword: Wind Turbines [x] Search Create Alert ?

Basic Search | Advanced Search | Search History

Montana State Library

State Web Archive

MONTANA State Library MT.GOV Connect

Search

Digitized State Publications

Digital Public Library of America

Largest wind turbines in America, ...

Wind machines /

Comparison of computer codes for c...

Wind power research for agricultur...

Find More at the Digital Public Library of America

Relevance | Page Options | Share

Search Results: 1 - 50 of 178,674

1. Noise Source Localization on a Small Wind Turbine Using a ...
 II-A Study of Mechanical Noise from Nacelle Using a Wind ...
 By: Patel, Hirenkumar; Ramachandran, Rakesh C.; Raman, Ganesh, ...
 10.1260/0309-524X.38.1.89. , Database: Environment Complete
 Subjects: WIND turbines; WINDMILLS; WIND power; Turbine and Turb ...
 Parts; WIND speed
 PDF Full Text (3.1MB)

2. Evaluation of Wind Energy Generation and Site Pairing of Wind ...
 By: Bencherif, M.; Chikhaoui, A. *Wind Engineering*, Feb2014, Vol. 38 Iss ...
 Subjects: WIND power; Turbine and Turbine Generator Set Units Man ...
 PDF Full Text (1.3MB)

3. Method for moving a wind turbine component, such as a ...
 position in or on the nacelle, the main shaft or turbine hub, ...
 By: Storgaard Pedersen, Gunnar Kamp. US Patent: 8,403,620. Filed: Jan ...
 Patent

4. A Numerical Study on the Improvement of the Performance of a Banki Wind Turbine.
 By: Wenlong, Tian; Baowei, Song; Zhaoyong, Mao. *Wind Engineering*, Feb2014, Vol. 38 Issue 1, p109-116. 8p. DOI: 10.1260/0309-524X.38.1.109. , Database: Environment Complete
 Subjects: WIND turbines; WINDMILLS; WIND power; Turbine and Turbine Generator Set Units Manufacturing; Power and Communication Line and Related Structures Construction; VERTICAL axis wind turbines; HYDRAULIC machinery
 PDF Full Text (1.2MB)

5. Measuring electromagnetic fields (EMF) around wind turbines in Canada: is there a human health concern?
 By: McCallum, Lindsay C.; Aslund, Melissa L. Whitfield; Knopper, Loren D.; Ferguson, Glenn M.; Ollson, Christopher A. *Environmental Health: A Global Access Science Source*. 2014, Vol. 13 Issue 1, p1-16. 16p. DOI: 10.1186/1476-069X-13-9.
 Subjects: ELECTROMAGNETIC measurements; WIND turbines; WIND power; ELECTRIC power transmission; ONTARIO; Electric Bulk Power Transmission and Control; Turbine and Turbine Generator Set Units Manufacturing; Power and Communication Line and Related Structures Construction; CANADA
 Show all 8 images
 PDF Full Text (4.1MB)

Refine Results

Current Search

Limit To

Full-text database articles

Catalog Only

Catalog and/or Full-Text

1620 Publication Date 2014

Show More Options set

Source Types

All Results

News (63,462)

Magazines (40,067)

Academic Journals (17,670)

Trade Publications (9,584)

Reviews (880)

Show More

Subject

Publisher

Publication

Language

Geography

Location

Collection

Content Provider

All Providers

5. To view the article in its entirety, click on the PDF Full Text icon.

Printing, emailing, and saving documents.

1. After finding an article of interest, click on the title. Doing so offers various ways of retaining the article.

The screenshot shows a library search results page for the keyword "Wind Turbines". The page includes a search bar, navigation links, and a detailed record for a specific article. A "Tools" menu is highlighted on the right side of the page, listing various actions available for the document.

Search Bar: Keyword: Wind Turbines. Buttons: Search, Create Alert.

Navigation: Basic Search, Advanced Search, Search History.

Search Results: 2 of 178,674 results.

Document Details:

- Authors:** Benhaili, H.¹, Ouhssou, A.¹
- Source:** Wind Engineering, Feb2014, vol. 38 Issue 1, p23-38. 16p
- Document Type:** Article
- Subject Terms:** WIND power; WIND energy conversion systems; TURBINES; TURBORCHINES; HYDRAULIC machinery
- Author Supplied Keywords:** capacity factor; site effectiveness; Wind characteristics; Wind energy; Wind speed distribution; wind turbine efficiency
- NAAC Industry Codes:** 333111 Turbine and Turbine Generator Set Units Manufacturing

Abstract: This paper addresses assessment of wind generation potential in Algeria and analysis of energy exchange between the wind and a Wind Energy Conversion System (WECS). Wind data gathered at 10 m high is based on the atlas of the wind of Algeria established by the National office of the Meteorology near 37 stations of measures. The data is used for a feasibility analysis of optimum future utilization of Wind generator potentiality in 14 sites covering all landscape types and regions in Algeria. A mathematical formulation using a two-parameter Weibull wind speed distribution is further established to estimate the yearly mean wind speed and the yearly average available wind energy flux for each site. Detailed technical assessment for the ten most promising potential wind sites was made using the capacity factor and the site effectiveness approach. The investigation was performed assuming twelve classes of small, medium and big size wind machines representing different ranges of characteristic speeds and rated power available for water pumping and electric supply. The results show that small wind turbines could be installed in some coast region and medium wind turbines could be installed in the high plateau and some desert regions and utilized for water supply and electrical power generation, the sites having an important wind deposit, in high plateau we find Tiziouf sites but in the Sahara there is some sites for example Adral, Timimoun, In Amenas and le Salab, in these sites could be installed a medium or a big size wind turbines, provided the correct wind machine site is selected. [ABSTRACT FROM AUTHOR]

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Database: Environment Complete

Tools Menu (highlighted):

- Add to folder
- Print
- E-mail
- Save
- Cite
- Export
- Create Note
- Permalink
- Bookmark

Tools »

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Options to retain the article include printing, e-mailing, saving, using social bookmarking tool of choice and/or by adding it to a personal folder.

Adding an article to folder is covered in EDS Personal Folder instruction guide.