Finding and Using Scholarly Resources

Supplemental material to be used during or after participating in the live instruction.

# Session goals

By the end of this discussion, you should

* Understand what library resources are available to support student research
* Know how to find relevant background information from OU Libraries catalog
* Know how to find relevant peer-reviewed papers in Google Scholar, Web of Science, and other subject specific databases

# Searching for information

## Tools

* [OU Libraries catalog](https://libraries.ou.edu/)
* [Google Scholar](https://login.ezproxy.lib.ou.edu/login?url=http://scholar.google.com)
* [Web of Science](https://login.ezproxy.lib.ou.edu/login?url=http://webofknowledge.com/WOS)
* [Earth, Atmospheric & Aquatic Science Collection](https://login.ezproxy.lib.ou.edu/login?url=https://search.proquest.com/naturalscience/advanced/science/fromDatabasesLayer?accountid=12964) (part of the Natural Science Collection)
* [Meteorological & Geoastrophysical Abstracts](https://login.ezproxy.lib.ou.edu/login?url=http://search.proquest.com/advanced?accountid=12964&selectids=1007529%2C1007529)
* Publisher sites -- need to be on campus or use Lean Library for pay journals
  + [American Meteorological Society (AMS) journals](https://journals.ametsoc.org/)
  + [American Geophysical Union (AGU) journals](https://agupubs.onlinelibrary.wiley.com/)

## Sources

|  |  |  |
| --- | --- | --- |
| **Information type** | **Relevant resource(s)** | **Where to look** |
| General, background | Books, magazines | Library catalog, the web |
| Non-specialist | magazines | Library catalog, the web |
| Specialized, advanced, latest research | Journal articles, book chapters | Google Scholar, subject DB\* |
| Research techniques, background on specific topic | Theses, dissertations | Google Scholar, subject DB\* |

\* examples of subject databases – Web of Science, Earth, Atmospheric & Aquatic Science Collection, Meteorological & Geoastrophysical Abstracts.

Searching for information in a human-indexed database; e.g. library catalog, Web of Science.

|  |  |
| --- | --- |
| **Question *Example***  How does climate change influence extreme weather such as flooding, drought, and hurricanes? | |
| **Keywords** | **Synonyms** |
| climate change  extreme weather | global warming  flood\*  drought\*  hurricane\* |
| **Question 1** | |
| **Keywords** | **Synonyms** |
|  |  |
| **Question 2** | |
| **Keywords** | **Synonyms** |
|  |  |

# Further Resources

[Contact your OU subject librarian, Amanda Schilling](https://libraries.ou.edu/users/amanda-schilling)

[National Weather Center Library](https://www.ou.edu/nwc/library)

[Consultation services at OU Libraries](https://libraries.ou.edu/content/consultation-services)