How to Begin Research

Compile a list of subject key words
Synonyms
Check the spelling
Start Small

Find between 5-10 resources that match your subject. Analyze these sources for your paper before gathering additional information.

Create a rough outline. Based on the information you have already collected write down a summary of what you want to cover in your paper.

Where to Look for Information:

Books - in depth overviews or historic background on a subject.

Database - For scholarly research articles that give specific case data or recent developments in an area.

Internet - for demographic statistics or current information that has not yet been published academically.

Writing Help

Handbook of Scientific Proposal Writing Q 180.55 .P7 O78 2012

Making Sense: A Student Guide to Research and Writing in Geography and Environmental Sciences
G 70 .N67 2005

Preparing Literature reviews: Qualitative and Quantitative Approaches
Q 180.55 .E9 P36 2008

Scientific Style and Format: The CSE Manual (Reserve Shelf)

Research Assistance

Jani Costilla-Sure Chief Library Director jani_costilla@skc.edu 406-275-4874

Felicia Gill
Instruction & Outreach Librarian
felicia_gill@skc.edu
406-275-4872



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Websites

Montana Natural Heritage Program <u>mtnhp.org/reports.asp</u>

Montana Dept. of Natural Resources and Conservation

dnrc.mt.gov

TreeSearch: Searchable database of US Forest Service Research Publication research.fs.usda.gov/treesearch

EPA Science Inventory: Searchable database of Environmental Protection Agency sponsored research cfpub.epa.gov/si/

Science.gov: Searches over 55 databases and over 2100 selected websites from 15 federal agencies, including research and development results

science.gov

US Geographical Survey Publications: USGS Quadrant Maps and other publications

usgs.gov/pubprod

Confederated Salish and Kootenai Tribes Natural Resources Department Cskt.org/natural-resources/

Intertribal Timber Council itcnet.org

National Tribal Water Council usetinc.org/

Databases

EbscoHost Web

Academic Search Complete

disciplines

Gale Power Search

Academic One File
Source of peer-reviewed full-text
scholarly content across the academic

Environmental Studies and Policy Provides access to scholarly journals, magazines, and other reference sources covering environmental issues and policies.

Newsbank

U.S. news content from local, regional, and national sources

Ethnic Newswatch

current resource of full-text newspapers, magazines, and journals of the ethnic and minority press

Journals

American Forest

SD 1.A55

Forest Science

SD 1.F655

Intertribal Timber Council Timber Notes

SD 412 .N38

Journal of Forestry

SD 1.S63

Western Journal of Applied Forestry

SD 1.W47

Books

The following are Library of Congress Call Numbers for possible Natural Resource research topics.

GB: Physical Geography
 GB 400-64 Landforms, Terrain
 GB 651-2998 Hydrology, Water

♦ GE: Environmental Sciences

QE: Geology

♦ QH: Natural History—Biology

QK: Botany

SD: Forestry

SD 388 Forestry, Machinery, and

Engineering

SD 390-390.43 Forest soils

SD 390.5-390.7 Forest meteorology

SD 391-410.9 Sylviculture

SD 411-428 Conservation and

Protection, including forest influences, damage by elements, fires, forest reserves.

SD 430-559 Exploitation and Utilization: including timer trees, fuelwood, logging, transportation, evaluation

TD: Environmental Technology

TD 169-171.8 Environmental

Protection

TD 172-193.5 Environmental Pollution

TD 419-428 Water Pollution

TD 429.5-480.7 Water Purification,

Treatment, and Conditioning

TD 481-493 Water distribution

systems