



COLLECTIONS POLICY

SUBJECT: LAND RESOURCE SCIENCE

General Purpose

The general purpose is to collect material in the subject of Land Resource Science (Land and Atmospheric Science) to support undergraduate and graduate teaching, and research to the doctoral level. The fields of graduate study are: atmospheric science, environmental earth science, land resources management, and soil science. Cross-disciplinary research with a focus on biophysical sciences is emphasized. The department is a participant in the University's collaborative graduate programs: Plant Physiology, Biophysics, and Hydrology.

Collection development should be maintained at the level of current collecting intensity objectives by the effective utilization of funds available each year.

Languages

Primarily English, but publications in other languages may be collected as required by research needs.

Geographic Areas

Materials from any part of the world may be collected to support teaching and research programs, subject to the language limitation.

Chronological Limitation

Material with a recent imprint date is preferred.

Types of Material Collected

Monographs, periodicals, government documents, and research reports are emphasized in print or microform format. Materials in other forms, such as CD-ROM, theses, audio visual, or electronic file, may be considered.

Types of Material Excluded

Normally manuscripts, rare books, patents and computer software are not acquired.

Access and Related Resources

Many external resources can be identified through the Library's catalogue. A broad spectrum of additional information and collection resources may be made available through cooperative arrangements and be accessed via library servers, the Internet, document delivery, and interlibrary loan.

Subjects and Collection Levels

Subject Area	Existing Collection Strength	Current Collecting Intensity (Objective)	
Environmental Stewardship	4E	3E	(4E)
Land Use	4E	3E	(4E)
Remote Sensing	4E	3E	(4E)
Resources Management	4E	3E	(4E)
Resources Planning	4E	3E	(4E)
Waste Management	4E	3E	(4E)
Geology	4E	3E	(4E)
Environmental geology			
Geochemistry			
Glacial geology			
Sedimentary processes			
Sedimentology			
Paleontology			
Petrology			
Stratigraphy			
Tectonics			
Soil Science	4E	3E	(4E)
Agronomy			
Clay mineralogy			
Environmental Soil Science			
Soil biochemistry			
Soil biology			
Soil chemistry			
Soil classification			
Soil conservation			
Soil ecology			
Soil fertility			
Soil genesis			
Soil management			
Soil microbiology			
Soil physical chemistry			
Soil physics			
Soil-plant relationships			
Hydrology	4E	3E	(4E)
Groundwater			
Water chemistry			
Water conservation			
Water management			
Atmosphere	4E	3E	(4E)
Agrometeorology			
Atmospheric chemistry			
Climatology			
Dynamic metrology			
Microclimatology			
Physical meteorology			
Synoptic meteorology			

For related resources see collections policies for Botany, Chemistry, Environmental Biology, Geography, Library Maps, Molecular Biology & Genetics, Physics, Plant Physiology, Rural Planning and Development, and School of Engineering.

The attached Appendix indicates collection levels.

Approval

Michael Brookfield
Department of Land Resource Science

Tim Sauer
Collection Development, Library

February 10, 1995
Date

February 14, 1995
Date