1. General Information

The Earth Sciences’ Collection Policy is bound by the general principles detailed in the Library’s Collection Policy. It is not a stand-alone document and should be read in conjunction with the Library’s Collection Policy and any other subject specific collection documents.

1.1 Collection Purpose

The emphasis at the University of Waikato on the study of Earth Sciences incorporates the major traditional disciplines of applied and theoretical geology (including sedimentary geology, volcanology, geothermal science, and engineering geology), coastal science and oceanography, soil science, and hydrology with the interdisciplinary subjects of climatology, environmental science, environmental management, monitoring and resources, physical geography, geomorphology and slope processes, natural disasters, soil and land management, and soil, land and water resources, and global environmental change, and Quaternary studies.

The collection supports the teaching, research and learning of staff and students in Earth Sciences, School of Science, Faculty of Science & Engineering, at bridging, undergraduate, honours and graduate diploma, masters and PhD levels. The collection also supports other disciplines.

1.2 Primary User Groups

The main users of the collection are students and staff of the Earth Sciences Programme. In addition, the collection supports papers offered by other programmes and research undertaken by its staff and students.

Students may major in Earth Sciences for the Bachelor of Science (BSc) or Bachelor of Science (Technology) (BSc (Tech)) which includes periods of work placement.

1.3 Research interests include:

- analysis and management of natural resources
- climatic and environmental change
- coastal geomorphology and management
- coastal oceanography and engineering
- coastal science
- earth and ocean environments
- engineering geology
- natural hazards
- landsliding in pyroclastic terrains
- environmental engineering
- environmental monitoring
- environmental science
• geomechanics
• geothermal energy
  o geothermal energy -- economic aspects
• hydrology and water resources
• paleolimnology (Miocene to Holocene)
• marine sciences
• mineral deposits
  o mineral deposits -- economic aspects
• peat bog functioning
• Quaternary science
• radiocarbon dating, fission-track dating, helium dating
• resource and environmental management and planning
• sedimentary geology
• sequence stratigraphy
• petroleum geology
• thermochronology
• soil and land management
• pedology and land evaluation
• soil and land resources
• carbon cycle
• nitrogen cycle
• stable isotope geochemistry
• tectonics
• volcanology
• tephrochronology
• weather and climate

1.4 Interdisciplinary Relationships
Environmental science overlaps with Geography (where the impact on human development and environmental planning is the major focus). Ecology and Marine Science and Palaeontology overlap with Biological Sciences.

2. Description of Existing Collection

Relevant material is held in the following LC classification areas in the Central Library’s general collection:

GB - GE Geography, Environmental science
GB 400-649 Geomorphology
GB 651-2998 Hydrology/water
GB 5000-5030 Natural disasters
GC1 – GE881 Oceanography
GE 1-350 Environmental sciences
QE 1-996 Geology
QE 351-399 Mineralogy
QE 420-499 Petrology
QE 500-639 Dynamic/Structural Geology
QE 640-699 Stratigraphy, Palaeontology
Relevant New Zealand material is held in the New Zealand Collection. New Zealand legislation pertaining to the Resource Management Act is available on Brookers Online and in print which is held in the Law Library. Increasingly e-books are being purchased.

The Library provides access to scholarly journals, electronically or in print, and databases, including:

- Current Contents Connect
- EBSCO
- Engineering Village
- eTV
- ISI Web of Science
- ProQuest Science & Technology
- SciFinder Scholar
- NZ Science
- Oxford Journals
- RMA-net (New Zealand’s Environmental Law online)
- ScienceDirect (Elsevier)
- Scopus
- SpringerLink Journal Collection
- Wiley Online Library
- Web of Science

3. **Scope of Collecting**
   Emphasis is on undergraduate and graduate texts, research monographs, professional society publications, and journals. Reference works, technical reports and conference proceedings are purchased selectively. Popular environmental science and geological works of general interest, biographies and histories are not generally collected. Preprints and laboratory manuals and study guides are not collected.

3.1 **Chronological Periods**
   No chronological period is excluded. The emphasis is on current research findings and theories in the earth and oceanographic sciences.

3.2 **Formats and Types of Material**
   Print and/or electronic formats are collected but other types of material may be considered.

3.3 **Geographical Areas**
   - Antarctica
   - Australia
   - Japan
   - Oceania
• Pacific Rim
• New Zealand

3.4 Languages
English is the primary language of the collection.

3.5 Publication Dates
Collecting focuses on recent and current imprints to support the teaching and research areas of the Department. Retrospective collecting may be undertaken to support new teaching and research programmes.

4 University of Waikato at Tauranga Collection
The only course on offer at the Tauranga campus is Coastal Geomorphology and Management ERTH343 (TGA). Responsibility for this collection lies with the academic staff and the Subject Librarians.