

LIBRARY COLLECTION POLICY STATEMENTS

Civil and Environmental Engineering

I. PROGRAM INFORMATION

The Civil and Environmental Engineering department of the College of Engineering provides instruction in applied mechanics, fluid mechanics, environmental engineering, geotechnical engineering, construction, engineering economics, applied hydrology, water and wastewater management, intelligent transportation systems, and environmental microbiology.

Research in the department focuses on construction engineering, environmental engineering, geotechnical engineering, hydraulics and hydrology, structural engineering, and transportation engineering.

The mission of the department includes the development of civil engineers for the engineering profession, the creation and dissemination of new knowledge, service to the State and counties of Hawaii and the engineering community, and leadership in the civil engineering profession in the Asia/Pacific region.

The Water Resources Research Center, housed in Holmes Hall, is an interdisciplinary research center that draws faculty from the Civil and Environmental Engineering department as well as from the Geology and Geophysics department, Economic, Botany, and Microbiology.

The Civil and Environmental Engineering department offers the B.S.C.E. degree and is accredited by the national engineering accreditation body, Accreditation Board for Engineering and Technology (ABET).

Graduate study is offered for the M.S. degree in:

- Construction management
- Environmental engineering
- Geotechnical engineering
- Structural engineering
- Transportation

These degrees may be taken in a thesis or non-thesis track.

The Ph.D. degree may be taken in:

- Construction management
- Environmental engineering
- Geotechnical engineering
- Structural engineering
- Transportation

CEE faculty research areas include:

- Effects of storms and seismic activity on structures
- Water management
- Offshore and coastal engineering
- Soil mechanics
- Construction materials
- Wastewater reclamation
- Transportation technology
- Civil engineering topics of interest to the region

II. COORDINATION OF COLLECTING RESPONSIBILITIES

Interdisciplinary material related to civil engineering is collected. Additional material relevant to the field is available through the Government Documents Collection. Research reports and technical reports by CEE researchers are added to the Hawaiian collection. Theses and dissertations by CEE graduate students are added to the Hawaiian collection and dissertations are also available online as PDFs from the database Dissertations and Theses, a ProQuest product.

III. GUIDELINES TO MATERIALS COLLECTED OR EXCLUDED

Language: English is preferred. The collection contains some material in Western European and Slavic languages. Asian language material is housed in the Science and Technology area and in the Asia Collection.

Chronological: No limitations, but the emphasis is on current research and theories to support the educational and research mission of the department and university.

Geographic: No Limitations.

Date of Publication: Current material is emphasized; gaps are filled as needed; rare and historical materials may be acquired as gifts (see section on Gifts).

Types/Format of Materials Collected: Scholarly journals are of primary importance. Where available and financially feasible, Web access is preferred for journal subscriptions. Web-accessible journal article databases, including back files, are acquired as funds permit. Monographs and monographic series on current research are generally collected in print format, but e-book availability is increasing and is the preferred format for handbooks, manuals, bibliographies, dictionaries, encyclopedias, standards, and other reference sources. Upper level texts, government publications; conference proceedings, industry standards are selectively collected. Audiovisual materials and microforms are purchased only when requested by faculty and funds permit. Excluded are manuscripts, reprints of articles within serials, newsletters and private and company files.

Treatment: Primary sources; reports on scientific experimental results; applications, practices and methods; equipment used in; biographical; historical; reference and bibliographical; statistical and mathematical.

Gifts: The Science and Technology Department accepts gifts to augment the science and technology collections held by the UH Manoa Library. Books that document scholarly research and textbooks no older than five years that are appropriate to university level courses are accepted. We accept other formats as well with the provision that they must be relevant to the research or instruction mission of UH Manoa. In general, we do not accept popular magazines, short journal runs, materials that duplicate items already in our collections, or materials in poor condition. Gifts of Archival materials that relate to the history of the university should be discussed with the University Archives staff. Gifts of journal titles or books in a Web format (the preferred format for journals) are accepted; discussing such a gift with the subject selector (<http://www.hawaii.edu/sciref/reference.html>) is necessary before such a gift can be accepted and integrated into the collection. The subject librarian should be contacted before a gift-in-kind of more than a few items is made to the UH Manoa Library.

When donated items are accepted by the UH Manoa Library they become the possession of the Library. The Library cannot provide monetary appraisals of gifts. The Library reserves the right to make decisions about the disposition of accepted gifts.

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