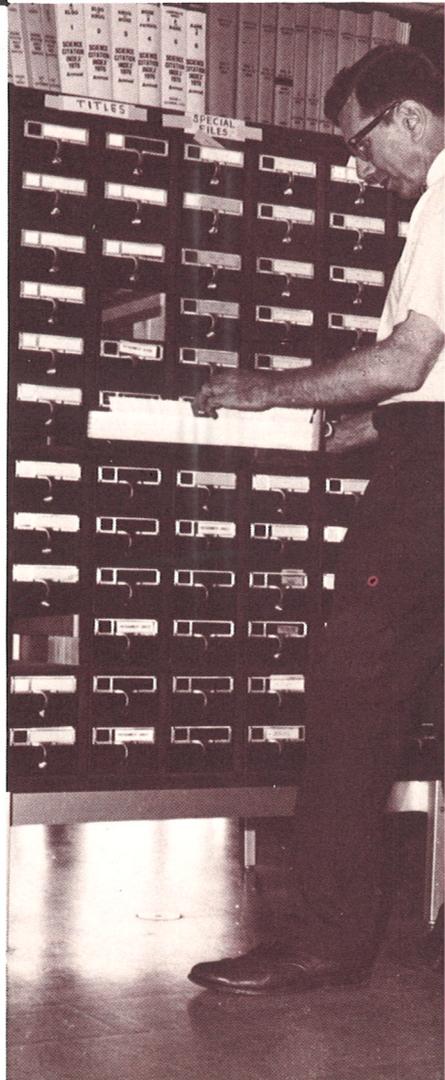


A UNITED STATES  
DEPARTMENT OF  
**COMMERCE**  
PUBLICATION



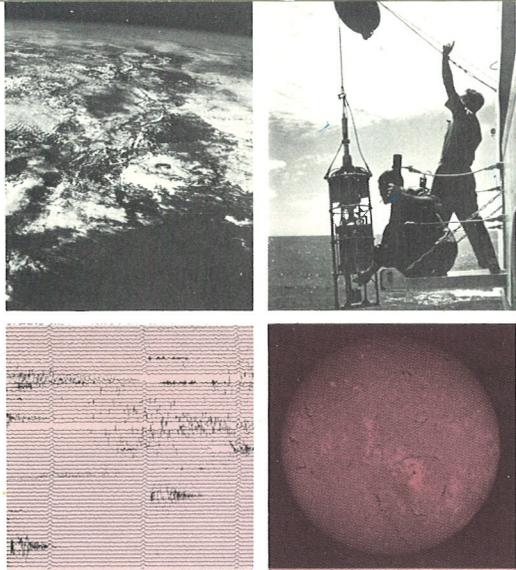
# ESIC

The Environmental  
Science Information  
Center



U. S.  
DEPARTMENT  
OF  
COMMERCE  
National  
Oceanic and  
Atmospheric  
Administration

Environmental  
Data Service



The scientific view of the physical world exists in the form of observations, measurements, photographs, digital bits, analog records, marine biological samples—types of information we call data. Ensuring that this view has order, continuity, and utility is the task of NOAA, the Nation Oceanic and Atmospheric Administration of the U. S. Department of Commerce, and its Environmental Data Service.

When this varied information takes the form of literature, it becomes the concern of ESIC, the Environmental Science Information Center, NOAA's scientific and technical publisher, information-banker, and librarian. ESIC complements the Environmental Data Service family of data centers, enhancing the service structure necessary for a comprehensive, single source for environmental data and information within NOAA.

As NOAA's scientific and technical publisher, ESIC guides the flow of manuscripts from agency researchers and technical service offices through appropriate channels of scientific reviewing, editorial processing, and printing, then monitors the dissemination of NOAA publications to



scientific, technical, engineering, agricultural, industrial, and governmental users. These editing and publishing services are provided by ESIC's Scientific and Technical Publication Division.

As NOAA's information banker, ESIC serves as a national focus for literature-based information in the marine, atmospheric, and earth sciences and their related technologies. TID, the Technical Information Division, collects, indexes, abstracts, and announces scientific and technical publications relating to NOAA's mission and fields of service. TID exploits both internal and extra-NOAA bibliographic resources to provide environmental science information service for NOAA clients, and deposits all scientific papers produced or sponsored by NOAA in the Department of Commerce's National Technical Information Service, which uses associated bibliographic data sheets as a basis for announcements. TID also deposits resumes of NOAA's internal and sponsored research and development projects in the Smithsonian Science Information Exchange, and conducts a scientific and engineering news service that brings timely



word of NOAA's newsworthy contributions to more than 700 trade, technical, science, and engineering publications with a combined circulation of more than four million.

As NOAA's librarian, ESIC coordinates the agency's library services and its participation in the national network of scientific libraries. The Libraries Division operates two major environmental science libraries—the Atmospheric Sciences Library in Silver Spring, Md., and the Marine and Earth Sciences Library in Rockville, Md.—a technical processes branch and a field libraries branch. It also coordinates the exchange of publications with other libraries in the United States and abroad, and keeps current inventories of translations of foreign scientific literature in NOAA's fields of interest and acquires copies of pertinent translations made by other government agencies.

The Atmospheric Sciences Library, formerly the U.S. Weather Bureau Library, dates from 1870 and, with approximately 175,000 volumes and pamphlets, maintains a comprehensive collection of meteorological, climatological, and hydrological literature.

The Marine and Earth Sciences Library,



formerly the U.S. Coast and Geodetic Survey Library, was organized in 1846 and maintains a comprehensive collection of some 150,000 volumes specializing in mathematics, cartography, and the various geophysical disciplines and related technologies.

The Technical Processes Branch provides acquisition and cataloging services for the two major environmental information libraries. Its acquisition program is international in scope, obtaining publications by purchase, gift, and exchange to meet the technical literature requirements of NOAA's personnel.

The field Libraries Branch provides technical assistance to NOAA libraries outside the Washington area, and has functional supervision of about 40 field libraries, most of them operated by NOAA's National Marine Fisheries Service. The Branch also operates the NOAA Miami library, which serves several offices and laboratories in that area, and maintains close liaison with the Environmental Research Laboratories' library in Boulder, serving NOAA, the National Bureau of Standards, and the Institute of Telecommunication Sciences there.

## LIBRARY SERVICES

The following libraries have open stacks, reading rooms, and a common service policy: loan, reference, literature-searching, and interlibrary loan services are provided for NOAA personnel. Bibliographies are compiled upon request. The libraries are open to the public for reference use only.

### Atmospheric Sciences Library

The comprehensive collection includes scientific studies in meteorology, climatology, and hydrology, and their applications; also, extensive holdings of published daily weather maps and climatic data. The Library maintains for loan microfilm of National Weather Service manuscript maps. Address inquiries to: Atmospheric Sciences Library (D821), National Oceanic and Atmospheric Administration, 8060 13th Street, Silver Spring, Maryland 20910.

### Marine and Earth Sciences Library

The comprehensive collection specializes in geodetic astronomy, nautical and aeronautical cartography, geodetic and hydrographic surveying, photogrammetry, mathematics, and the following divisions of geophysics: geodesy, gravity, physical oceanography, and tidal phenomena. There is a branch containing a core collection on fisheries. Address inquiries to: Marine and Earth Sciences Li-

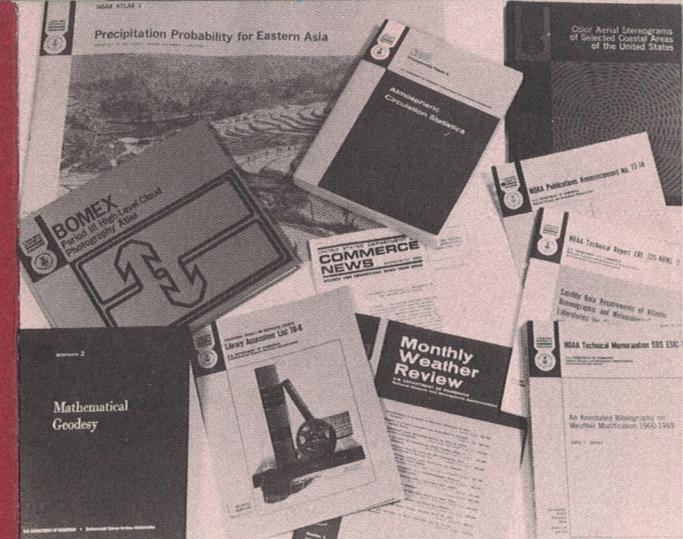
brary (D822), National Oceanic and Atmospheric Administration, 6001 Executive Boulevard, Rockville, Maryland 20852.

### NOAA Miami Library

The collection deals mainly with the specialities of the Atlantic Oceanographic and Meteorological Laboratories of NOAA's Environmental Research Laboratories and other local NOAA installations, and includes physical oceanography, marine geology and geophysics, cartography, paleogeology, tropical meteorology, hurricanes, experimental meteorology, and weather modification. Address inquiries to: NOAA Miami Library, 15 Rickenbacker Causeway, Miami, Florida 33130.

### Boulder Laboratories Library

Managed by NOAA's Environmental Research Laboratories, this collection has specialized in the scientific areas of interest to researchers in NOAA, the National Bureau of Standards and, the Office of Telecommunications including: telecommunication sciences, ionospheric and solar physics, electromagnetic wave propagation, cryogenics, radio and electronic standards, remote sensing, weather modification, quantum electronics, seismology, geomagnetics, and related fields. Address inquiries to: NOAA Environmental Research Laboratories Library (R51), Boulder, Colorado 80302.



## ESIC Publications:

- Monthly Weather Review
- NOAA Monographs
- NOAA Professional Papers
- NOAA Technical Reports
- NOAA Technical Memorandums
- NOAA Atlases
- NOAA Publications Announcement  
*(issued several times a month, describes NOAA publications by title, author, source, date, abstract, keywords and availability)*
- Atmospheric Sciences and Marine and Earth Sciences Library Accessions List  
*(issued twice a month, indicates new accessions available for loan, organized according to broad subject areas)*
- Science and Engineering News From NOAA (SEN)
- And a wide variety of technical service publications for NOAA's major line components.

Address inquiries to:  
**ESIC, NOAA**  
Environmental  
Data Service  
Washington, D.C.  
20235

