

Name of the Centre : **ENVIS Centre on “Hazardous Waste Management”**

Host Organisation : **National Environmental Engineering Research Institute (NEERI), Nagpur, Maharashtra**

Contact Person :

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Nehru Marg,		
Nagpur - 440020, Maharashtra		

Year of Establishment : **1992**

About Host Organisation

The Institute was established at Nagpur in the year 1958, as Central Public Health Engineering Research Institute (CPHERI). The Institute was renamed in 1974 as National Environmental Engineering Research Institute (NEERI). The activity at the institute is broadly classified as R & D activities and Technical Services. The institute has nine zonal laboratories at Kolkata, Ahmedabad, Chennai, Delhi, Hyderabad, Jaipur, Kanpur, Kochi and Mumbai.

The Institute has developed a software Package, Hazardous Chemical Information System (HCIS) for quick retrieval of information on about 276 hazardous chemicals. A Biotechnology Information Subcentre has been sponsored by Department of Biotechnology, Govt. of India which aims to serve as a National Information Resource Centre on Environmental Biotechnology at the institute. Bibliographic Database (EBBD) has been developed covering the literature from a large number of Biotechnology journals available in NEERI Library. The database contains information on over 400 equipment details, contact persons and the access facilities.



Activities of the Centre

- The Centre Collects national as well as international information on Hazardous waste Management viz. legislation, quantum of waste generation, present management practices, environmental impacts due to hazardous waste management, action plans and policies for control, emerging technologies.
- Other Activities of the Centre are :
 - ◆ HAZINFO is an electronic database with information on waste and waste management in India. This includes legislations on waste management, waste quantities, policies, plans, strategies, and instruments. HAZINFO is prepared by the ENVIS CENTRE based on the secondary data/information collected from various sources. HAZINFO is divided into following categories:
 - ◆ Hazardous Waste Legislations:
 - ◆ Hazardous Waste Quantities
 - ◆ Status of Authorization on Hazardous Wastes Management
 - ◆ Hazardous Waste Disposal Sites
 - ◆ List of Wastes Banned for Import
 - ◆ Action Plan for Hazardous Waste Management
 - ◆ The QSAR software (an in-house development) is a predictive tool for information dissemination pertaining to:
 - ◆ Fish Toxicity of Organic Chemicals
 - ◆ Toxic Behavior of new molecules with unknown toxicity
 - ◆ The Centre also has data resource such as :
 - ◆ the MERCK CD ROM which offers material safety datasheets (MSD) for about 9000 chemicals,
 - ◆ AIR SUPREME COURT CD-ROM contains all the cases (including environmental cases) handled by Hon'ble Supreme Court of India (Latest up to 2000).
 - ◆ An on-line subscription to *SupremeCourtCasesLaw.com* is also available at the Center which Provides daily update of all the Cases Handled by Hon'ble Supreme Court of India.
 - ◆ The Library and Documentation Division at NEERI has a vast collection of over 41,900 information resources on environmental science & engineering. The holdings of the library have been computerized to enable instant access to the rich information resources. Some of the books and journals/periodicals related to the subject area has been compiled by the Center in the form of bibliographic databases. Center has also compiled a series of databases (both Bibliographic as well as full text/Numeric) on the subject area based on the information resources available at the Center and from other sources.

ENVIS Publications

ENVIS Newsletter

- ◆ A Newsletter is being published on yearly basis from 1998 which provides information on research and development and news and views on Hazardous Waste, etc.



Publications

- ◆ Published Status Report on Hazardous Waste Management in India.

Services

Abstracting Services

- ◆ The service is being provided and will be continued as a printed version. The Abstracts collected on Solid and Hazardous Waste Management are computerised and is available on the website from January 2002 onwards on specific areas like Environmental Impact, Collection & Transport, Waste Minimization, Reuse and Recycling, Waste Treatment, Physicochemical Treatment, Biological Treatment, Incineration Technology, Solidification, Stabilization, Vitrification, Land Disposal / Landfill, Soil Remediation / Reclamation and Site Selection.

Query Answer Services

- ◆ The service is being provided and continues. Average numbers of queries handled by the Centre per year are 400.

NEERI Website (<http://www.geocities.com/envisneeri/index.html>)

- Under the head Bibliographic database, the website gives details containing list of text books on solid and hazardous waste management in the order of the year of Publication, list of journals and periodicals, list of M.Sc., ME/M.Tech, Ph.D thesis and list of technical reports etc.
- The database "HAZINFO" giving information on various issues of hazardous waste management in India. International databases (viz. WasteBase, ANNETTE, ATTIC, CLU-IN, EEIS, Envirotech On Line, JEMUITPI, EIDS) related to the subject area giving their sources, information available, accessibility etc. A list of International events pertaining to Environment and Sustainable Development is made available on the site. The Newsletter is also made online in word and PDF format and the archives are from 1998 along with the Abstract Database. The website also contains News & Views on national and international on yearly basis.



Future Plan

- Content updation of the website with linkages to databases and other information resource. Add more information / documents to the website and develop necessary search utilities and improve the existing search utilities to make the documents easily accessible.