

Name of ENVIS Centre : “ENVIS Centre on Biogeochemistry”

Subject Area : School of Environmental Sciences, Jawaharlal Nehru University, New Delhi

Contact Person :

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New Delhi 110 067		

Year of Establishment : 1994

About Host Organisation

The School of Environmental Sciences was established in the year 1974. The academic programme of the School has been periodically reviewed, revised and updated, keeping in mind the need for sharper focussing, the available expertise at any given time, and the changes desired in curriculum of individual courses or specific programmes. The School has diversified interest in various earth, atmospheric and biological processes. Linkages between Ecological and Social processes give an additional dimension to School's interest, making the work relevant. Therefore, the curriculum has components of disciplinary areas such as physical sciences, earth and atmospheric sciences, environmental biology, and environmental monitoring and management. With such a high level of diverse research interests, over 100 students have so far successfully completed their Ph.D. programme in different aspects of Environmental Sciences.



Activities of the Centre

- The ENVIS center of Biogeochemistry, at JNU is continuously modifying the package to suit our specific requirements. Key reference are entered in the data base, which is available in international and national literature on diverse aspects of Biogeochemistry. We have also categorized our entry

in terms of number of key words and combination of key words, which are discussed later. At present over 66,000 references have been computerized. All of them are not available at JNU but we have access to most of the references in storage.

- The Centre continued to subscribe Indian as well as international books, journals, CD-ROMs relevant to its scope and activities. Reprint collection was augmented by sending requests to authors, and also by visiting different libraries.
- Helped in organising Workshop on “**Freshwater Related Issues**” and Round Table Discussion On “**National River Linking Plans**”, “**National Workshop on Environmental Protection and Law**” and **National Workshop on Water Quality**”.

ENVIS Publications

○ ENVIS Newsletter

- ◆ The Centre publishes Newsletters from 1984 during March, July and Nov. every year on Recycled paper (Only cover page at present), So far 27 Newsletters have been published..



○ Publications

The Center has published Monographs and Reports.

◆ **Books**

- ◆ **Abstract Book** of the workshop on “**Freshwater Related Issues**” and Round Table Discussion On “**National River Linking Plans**”.
- ◆ **Environmental Hazards in South Asia** by V. Subramanian. 2002. Published by **Capital Publishing Company**, 7/28, Mahaveer Street, Ansari Road, Daryaganj, New Delhi - 2. Tel: 91 11 328 8719, 328 4197, Fax: 91 11 326 5030, E-mail: capub2000@mantramail.com. Hardbound: 81-855 89-05-4, Rs. 695/-, \$19.50. Pages: 350app.
- ◆ **Text book on Environmental Sciences** by V. Subramanian. 2002. Published by: Narosa Publishing House, 6 Community Centre, Panchsheel Park, New Delhi - 17, Tel: 91 11 649 4818, 649 6423, 649 1765; Fax: 91 11 649 8717; E-mail: narosadl@nda.vsnl.in.
- ◆ **Recent Trends in Hydrogeochemistry** Edited by AL. Ramanathan and R. Ramesh. 2002. Published by Capital Publishing Company, 7/28, Mahaveer Street, Ansari Road, Daryaganj, New Delhi - 2. Tel: 91 11 328 8719, 328 4197, Fax: 91 11 326 5030, E-mail: capub2000@mantramail.com.

Services

○ **Abstracting Services**

- ◆ Databases are available on Biogeochemistry. The center also has information on Floral Biodiversity of India.

○ **Query Answer Services**

- ◆ Query response service is being provided and will continue. They also respond to queries 600 in a year in the form of published books, reports, extracts, reprints and other unpublished information.

JNU Website (<http://www.envisjnu.net>)

- Recently we have setup a WindowsNT Server for our ENVIS Website, Database Management, Advanced Search, Online Journal References, Email, Online Query Response and etc. ENVIS dedicated Website Developed in 1998 and now with 3 domain name which contains environment and biogeochemistry related news items updated on daily basis along with archives, all the Newsletters published are available online, full support of database and query answer system, an effective Database Management System for all Bibliographies, Publications and Events with a flexible format. The Key Features of our website are : Bibliographic Database has been developed and available in the internet and intranet, Our entire reference list being incorporated in the site at data base, Search Engine for Entire website, Query response through online forms and Email, Query response through a separate email : (envis@mail.jnu.ac.in)

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Address <http://www.envisjnu.net/>

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WHAT'S NEW

BIOGEOCHEMISTRY

DATA BASE

ENVIS NEWSLETTERS

NEWS BANK

Indian NGO to assist Kabul municipality
THE HINDU [23rd November, 2003]
Gaurav Vivek Bhatnagar
KABUL NOV. 22. The Kabul Municipality and an Indian non-government organisation, Sulabh International Social Service Organisation, have joined hands for constructing 10 community toilets with biogas plants for water heating and lighting, besides around 1,000 'Sulabh technique' toilets in residential premises and a middle school for the underprivileged children in the war-ravaged city.

'Green' changes are sweeping the city
THE HINDU [23rd November, 2003]
Alladi Jayasri
BANGALORE Nov. 22. We have known for three decades that Bangalore is the fastest growing city in Asia. However, an account of just how the Garden City has lived up to its reputation as a place in which global citizens want to live, work, and more importantly, feel proud to belong to, makes for depressing reading. As for Bangaloreans, it is a bitter experience to watch their beloved city lose the tag of 'air-conditioned city'.

'Ganga is the most polluted river'
THE HINDU [23rd November, 2003]
Gaurav Vivek Bhatnagar
New Delhi Nov. 22. Of the major rivers in India, Ganga, the most revered, has the longest stretch (1,760 km) that is polluted in terms of Bio Chemical Oxygen Demand (BOD) load higher than 6 mg/litre. It is followed by Tapi (160 km), Narmada (120 km), Indus and Mahs (70 km) and Sabarmati (65 km).

INDIAN EARTHQUAKES

MONOGRAPH

ENVIRO NEWS

GENESIS

ENVIS CENTRES

INTERNATIONAL

Internet

Future Plan

- ◉ Entry of data and scanning of other related information and illustrations to the subject area would be continued and update of Data Base and News Bank
- ◉ Prepare Monograph/ Conference publication
- ◉ Develop a Online GIS based information system with Database.
- ◉ Prepare CD-ROM on key issues such as “Biogeochemical Cycle” and “Hydrological Cycle”.
- ◉ Continuous upgradation of the database and website as per the users requirements
- ◉ Prepare Nutrients Atlas of India.