

National Conference on “Biogeochemical Cycles and Climate Change” 10-11 August 2018, IIT(ISM) Dhanbad

About the Institute

The Indian School of Mines (ISM) was formally opened on 9th December 1926, by Lord Irwin, the then Viceroy of India to address the need for trained manpower related to mining activities in the country with disciplines of Mining and Applied Geology. In 1967 it was granted the status of a deemed to be university under Section 3 of UGC Act, 1956. The ISM is converted into IIT(ISM) by the Gazette of India notification dated 23 June 2017.



About the Department

The Department of Environmental Science & Engineering is created out of existing Centre of Mining Environment (Established in 1987 as centre of excellence in the field of mine environment by the Ministry of Environment and Forests, Govt. of India) at Indian School of Mines in June 2006 with the commencement of a regular B.Tech program in Environmental Engineering under IIT-JEE (first of its kind offered by any national institute). The Department also offers a regular M.Tech program in Environmental Science and Engineering (since 1990) apart from Ph.D programs in Environmental Science and Environmental Science and Engineering disciplines, respectively.

THE CONFERENCE

The IIT(ISM) Dhanbad is one of the leading institute of India since its inception in the year 1926. The IIT(ISM) aims at promoting the cause of basic and advanced research in all branches of Geochemistry and Biogeochemistry related to climate change and allied fields with their applications for the benefit of mankind. In this connection, the Department of Environmental Science and Engineering (ESE) is periodically organizing National and International Seminars, Symposia, Training Programs and Workshops for over two decades. We invite active earth and environmental/climate scientists working in relevant field to participate and make the programme successful. The seminar will offer an opportunity for researchers to discuss the recent developments in the field of basic and applied sciences about **Biogeochemical Cycles and Climate Change** to chalk out an action plan for the management of natural resources.

TOPICS

National Conference on “**Biogeochemical Cycles and Climate Change**” is being organized for two days (**10-11 August 2018**) at IIT(ISM). It is the premier forum for the presentation of new advances and research results in the fields of theoretical, experimental, and applied aspects of Biogeochemistry and Climate Change. The conference will bring together leading Researchers, Engineers and Scientists, Consultants, Decision Makers and Planners in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

(i) Biogeochemistry

- Carbon, Nitrogen, Sulphur and Phosphorous cycles
- Carbon Sequestration, Carbon Fractionation
- Biogeochemistry of Ocean, Rivers, Wetlands, Lakes, Glaciers, Thermal Springs, Groundwater
- Biogeochemistry of Forest Ecosystems
- Biogeochemistry of Agricultural Ecosystems
- Palaeo-environment/Geochronology and Geochemical Modeling
- Biogeochemical Investigations of Past Climates using Proxies
- The Isotope Geochemistry of Light Elements (H, C, N, O and S)
- Distribution and Evolution of Lipid Biomarker
- Bio-meteorology
- GHG Evolution
- Meteorology & Hydrology
- Anomox process

(ii) Climate Change Impacts on

- Glaciers, Rivers, Lakes, Mangroves and coastal ecosystem, Groundwater
- Forest Ecosystems, Urban Ecosystem
- Food production
- Energy Production
- Environmental, Economical and Social Issues

(iii) Environmental Pollution

- Water pollution (Ocean, Glacier, Rivers, Lakes, Groundwater, Mangroves, Wetlands etc.)
- Air pollution (Thermal Power Plants, Coal Mining, Coal Washery, Iron Ore Mining, Cement Industry, Metal Mines, Paint Industry, Ceramic Industry, Fertilizer Industry, Oil and Natural Gas Industry etc.)
- Soil pollution (Forest Soil, Agricultural Soil, Usar Land Formation etc.)
- Urban Pollution (Water, Air, Soil and Biodiversity)
- Metal Pollution (Enrichment/Depletion of heavy metals, REEs, Radionuclides etc.)
- Organic Pollution (Pesticides, Fungicides etc.)

Call for Papers

Authors, wishing to participate in the National Conference are requested to submit the abstracts (not exceeding 500 words) and full length paper to the Convener before 31 July 2018. The contributions must be original and clearly presented in sufficient details. The abstract should be typed in Times New Roman Front (size 12) and Single Spaced.

Format of Full Length Papers: Full length papers to be published in the Proceedings should contain Title, Authors, Address, email, Abstract, Introduction, Materials & Methods (not required in case of 'review' articles), Results and Discussions, Acknowledgments and References. Reference styles to be followed: Gaciri SJ, Davies TC (1993) The occurrence and geochemistry of fluoride in some natural waters of Kenya. J Hydrol 143:395–412.

Important Dates: Last date for submission of Abstract and Full Length Paper: 31 July 2018.

Registration Fee

- Institute/University Delegates: Rs. 2,500/-
- Government Organizations: Rs. 2,500/-
- Delegates from Industries: Rs. 3,000/-
- Research Scholar/Student: Rs. 1,500/-
- Accompanying Member: Rs. 1,000/-

Sponsorship

- Platinum: 1,00,000 /-
- Gold: 50,000 /-
- Silver: 25,000 /-

The delegates/sponsors are requested to register by sending their registration fee through a crossed Demand Draft of any Nationalized Bank, in favor of “The Registrar, IIT(ISM), Dhanbad-826004”.

Delegates/sponsors can send also register through online transaction on following details: **Account Holder:** Registrar, IIT(ISM), Dhanbad; **Name of Bank:** Canara Bank; **Branch:** 0986, Saraidhela, Dhanbad, Jharkhand; **Account No:** 0986101009746; **Account type:** Saving; **IFSC Code:** CNRB0000986; **MICR Code:** 826015003. After online transaction, send the transaction ID through e-mail and/or official letter. The duly completed registration form should reach the Convener on or before 31 July 2018. Delegates can also register on-spot after arrival at Conference Venue.

AWARDS

Awards will be given for Best Presentation (Oral & Poster) for Young Researchers below 40 years in different Sessions.

ACCOMMODATION

Limited guest house accommodation is available in the IIT(ISM) campus. Adequate hotel accommodation to suite the requirement of the delegates is available in Dhanbad, Jharkhand. The hotel tariffs vary from Rs. 500 - 5,000 per night.

HOW TO REACH

The Dhanbad city is well connected with different parts of the India by Air, Rail and National Highways. Ranchi and Kolkata are nearest Airports. Dhanbad is the nearest railway station.

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Name:

Title/Position:

Address:

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Registration fee paid:

DD No./Transaction ID:

Date of payment.....

Category of Registration: University delegate () Government Institute ()

Delegate from Industry () Research Scholar/Student delegate ()

Name (s) of accompanying person (s):

Chances of attendance: Good () Fair () Low ()

I am not able to attend, but am interested in buying the abstract: ()

I would like to use poster facilities: ()

Accommodation: Hotel () Guest House ()

Contact us:

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Convener, BCCC 2018

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