

**Registration Form  
International Conference**

on  
Geophysical Sciences – Energy, Climate Change and  
Evolution of Human Society  
(ICON GSECCES-2010)  
and  
Diamond Jubilee Celebrations (1949-2009)  
Department of Geophysics  
Banaras Hindu University  
December 21-23, 2010

Name: .....

Designation and Address: .....

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Contact No. ....

Presenting a paper Yes/ No

Participating in the Conference Yes/ No

Title of the Paper .....

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Author(s) .....

.....

Requiring Accommodation Yes/ No

Guest House/ Hostel/ Hotel

Details of accompanying person(s):

1. Name and relation .....

2. Name and relation .....

Please fill up the Registration form and mail it to the Convener/ Organizing Secretary along with the appropriate demand draft in favour of ICON GSECCES-2010 payable at Varanasi.

Signature

Place .....

Date .....

**FIRST CIRCULAR  
International Conference**

on  
Geophysical Sciences – Energy, Climate Change and  
Evolution of Human Society  
(ICON GSECCES-2010)  
and  
Diamond Jubilee Celebrations (1949-2009)  
Department of Geophysics  
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**Introduction & Objectives**

Keeping in view the need of the day, the education of Geophysics at Banaras Hindu University was started by the then Vice-Chancellor, Pt. Govind Malviya in 1949 with only one faculty member, (Prof.) Jagdeo Singh, who was subsequently sent to Imperial College, London for specialized knowledge of Geophysics. It functioned then with cooperation from the Departments of Geology, Physics, Mathematics and College of Engineering and Mining (now IT, BHU).

Ever since the established of the Department of Geophysics, it has been one of the oldest pioneer centers of Geophysical education in India. The Department got an independent status in 1964. Initially, two-year M.Sc. degree programme in Geophysics was started and in 1976 switched over to three-year degree programme leading to M.Sc.(Tech.) Geophysics. The Department offers specialization in exploration Geophysics and Meteorology which is a unique blending in this area of knowledge. Since the commencement of the programme many Geophysics

postgraduates were produced and they are spread throughout the World.

The Department is actively engaged in teaching and research in carrying out field investigations and collaborative work with different government/ quasi-government organizations and in offering consultancy services to the interested agencies. Several research projects funded by various agencies like DST, ONGC, CGWB, UGC and CSIR have been completed as well as are being carried out. The Department is also collaborating with India Meteorological Department, Government of India in maintaining a Weather Observatory, a Seismological Observatory and an Ozone Unit.

The Department is successfully completing its glorious sixty years in 2009-2010. We have decided to celebrate its Diamond Jubilee (1949-2009) by holding an **International Conference** on Geophysical Sciences – Energy, Climate Change and Evolution of Human Society (ICON GSECCES-2010) from December 21 to 23, 2010 with a view to share and exchange the up-to-date knowledge of geophysical science & technology amongst the galaxy of academia and entrepreneurs.

The event will bring together researchers and experts from Research and Educational institutions, Companies, Government agencies and Consultants to exchange ideas and to identify the research priorities in fields of Geosciences. The aims of the event are: to provide the best platform for new knowledge and experience sharing in the field of geosciences; to give the opportunities for future cooperation; to emphasize the role of multidisciplinary approach in revealing and solving the environmental problems in local, regional and global scale; to discuss the latest findings and technologies in searching geology and mining, ecology, and management, in order to ensure the sustainable use of natural resources (Oil & Gas, Coal, Groundwater, Minerals and pollution-free Air). The following sub-themes will be covered:

**Sub-themes**

- (a) Dynamics of Solid Earth (Earthquake, Seismic Hazards & Plate Tectonics)
- (b) Oceanography and Polar research
- (c) Theoretical Developments in Geophysics
- (d) Modern Tools of Geophysical Surveys (Land-based, Sea-based, Air-borne, Space-borne etc.)
- (e) Strategies for Hydrocarbon Exploration

- (f) Hydrology (surface, atmosphere and ground water)
- (g) Shrinking Natural Resources and their Sustainability: Role of Geophysics in securing the future of Human Society
- (h) Predictability and Modeling of Monsoon systems and its Variability
- (i) Climate Change and Disaster
- (j) Climatic Determinism: Tropics versus Extra-tropics
- (k) Climate Change and Evolution of Human Society (Climate-Culture Relationship: Indian Perspectives: Water Resources Management, Agriculture, Health & Education, Religion, Philosophy, Literature, Food, Clothing, Shelter, Radiation and Air Pollution etc.).

#### Keynote Address & Invited papers

Key-note addresses are expected from outstanding scientists. Few invited lectures will be arranged from the prominent scientists of the country and abroad.

#### Call for papers

Original contributions and reviews are invited from the interested participants who wish to present their papers. Abstracts not exceeding 500 words typed on A4 size paper are required to be sent in duplicate to the Convener of the conference along with soft copy through email. The details for preparation of full papers of the accepted abstracts will be sent in due course.

#### Registration fees

The fees for participating in the conference are as under:

Delegate	Rs. 2000/-
Accompanying person	Rs. 1000/-
Student	Rs. 800/-
Foreign delegate	US\$ 300/-

Online registration and payment by credit card, in addition to the Bank draft option, is under process which will be communicated in the second circular.

#### Exhibitions

An exhibition will be arranged for the interested companies, manufactures, consultants to exhibit their products/ services to the delegates at the allocated stall. The rate for a stall of 10'x15' size would be Rs. 30,000/- for Indian company and US\$ 2000/- for foreign company.

#### Accommodation

Every effort will be made to accommodate the participants in the University Guest Houses (Rs. 450/- to 250/-) per bed and Hostels (Rs. 250/- to 100/-) per bed but due to limited availability of rooms it may not be possible to accommodate all the participants. However, for others, rooms in the Hotels can be arranged on prior intimation, the hotel tariff varies from Rs. 2,000/- to Rs. 10,000/- per day depending upon the standard of hotels. The hotel-wise details of tariff will appear in the second circular and on the website of the Department ([www.geophysicsbhu.co.in](http://www.geophysicsbhu.co.in)).

#### About Varanasi

Varanasi (Banaras), a holy city of Hindus situated on the left bank of the river Ganga, is also one of the ancient cities of the World. There are places of historical and spiritual importance in and around Varanasi. It is well connected by air, rail and road from almost all parts of the country. The airport is approximately 30 Km, Varanasi railway station is approximately 10 Km and Mughalsarai railway station is approx. 22 Km from the Banaras Hindu University. The daily mean maximum and minimum temperatures at Varanasi are 24.6<sup>0</sup>C and 9.6<sup>0</sup>C in the month of December.

Conducted tours covering places of importance in and around Varanasi (Lord Vishwanath Temple, Bharat Kala Bhawan, Bharat Mata Mandir, River Ganges, Ganga Arati, Dashashvamedh Ghat, Ramnagar Fort, Sarnath, Deer Park, Chaukhandi Stupa, Dhamekh Stupa, Ashokan Lion-pillar, Archaeological Museum & Excavation area, Buddha Temple, Jain Temple, and many more) can be arranged if sufficient number of delegates wishes to avail this facility.

#### Important Dates

Abstract and Registration form before **Sep. 30, 2010.**  
 Full Paper before **Oct. 31, 2010.**  
 Registration Fee before **Nov. 30, 2010.**

#### Address for Correspondence

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#### Advisory Committee (International and National)

The formation of advisory committee is in the process which will be announced in the Second Circular very soon.

#### Committees, Organizing Secretary, Joint Secretaries

Different committees will be announced after its finalization.

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