

**PAKISTAN INSTITUTE OF NUCLEAR SCIENCE & TECHNOLOGY
DIRECTORATE OF TECHNOLOGY
ISOTOPE APPLICATION DIVISION**



**National Executive Management Seminar on
“Application of Nuclear Techniques in Water Quality
Management and Ecological Research”
Islamabad, 10-12 May 2010**



Dated: 29-03-2010

Dear Sir,

Pakistan Institute of Nuclear Science and Technology (**PINSTECH**), **Nilore Islamabad** in collaboration with the International Atomic Energy Agency (**IAEA**) will hold a *three days National Executive Management Seminar (NEMS) on “Application of Nuclear Techniques in Water Quality Management and Ecological Research”, 10-12 May 2010 Islamabad*. Utilities of isotope techniques in hydrology and ecology are not very familiar to the scientific community in Pakistan. Isotopic techniques can be used for obtaining useful information on different components of the hydrological cycle and contaminant transport in aquatic and marine ecosystem. The purpose of the National Executive Management Seminar (NEMS) is to provide both general background information and illustrate case studies to demonstrate how nuclear techniques can be used as powerful tools for solving hydrological/ecological issues, and to improve water resources management in the Pakistan. As such the main focus of the NEMS will be on promotion of cooperation among the scientific community to the best utilization of nuclear techniques for water quality management and ecological issues.

Scientific Activities

The NEMS will compose of key note addresses, plenary lectures, scientific discussions, presentations of research papers. Local experts will deliver a series of lectures on applications of nuclear techniques in water managements and ecological issues.

Call for Papers

Original research papers from scientists working in universities, research organizations and industries are invited in following areas:

- a) Hydrology and ecological issues
- b) Water quality problems in Pakistan
- c) Water resource management
- d) Groundwater/surface water pollution
- e) Coastal marine ecosystem issues
- f) Coastal Marine Pollution
- g) Contaminants transport in ecosystems
- h) Global change studies

Participants are required to submit an abstract of their research paper. Last date for submission of Abstract is 15 April 2010.

Eligibility for Participation: The NEMS is open to executives, managers, scientists, researchers, environmental modelers, teachers and students involved in hydrology, terrestrial/marine coastal pollution research programmes at national and regional level. Applicants with background in Environmental Sciences, Earth Sciences/Geology, Chemistry/Biology are the most suitable to participate in the deliberations of the NEMS.

Registration: The interested Institutions / Departments / Environmental NGOs are requested to submit nominations of suitable candidates on prescribed registration form (copy attached).

Accommodation/Travel Grant: The nominating agency/organizations are responsible for payment of TA/DA, and arrangement of accommodation for the participant at the NEMS venue. As such, No TA/DA or accommodation charges will be paid by the organizers of the NEMS.

NEMS Venue: The tentative venue of the NEMS is Pakistan Institute of Nuclear Science and Technology, Nilore, Islamabad.

You are requested to **kindly nominate suitable participant(s)** from your esteemed organization/institution to learn and share their experiences in the deliberation of the above mentioned NEMS. I shall look forward to your prompt and considerate response in this regard please.

Yours sincerely,

Dr. Azhar Mashiatullah

Principal Scientist / NEMS Coordinator

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