

The 160th TAOYAKA Program Seminar

Energy and Environmental Challenges: R&D Efforts at CSIR-NEERI

Lecturer: DR. NITIN KUMAR LABHASETWAR

Chief Scientist & Head, Energy & Resource Management Division, CSIR-NEERI and Professor AcSIR

Cleaner and sustainable energy as well as environmental issues are among the most important challenges world is facing today and therefore attracting a lot of R&D attention in recent years. It is equally important to reliably monitor the pollution load and identify sources. Similarly there are always multiple pollution abatement options and it is becoming increasingly important to critically assess the techno-economic feasibility of these options to maximize returns on efforts and investments.

The institute works on large number of different domains relevant to the Environment, Ecology and Resources. The dedicated groups are working in the areas of Air Pollution Control, Water & Wastewater, Solid Waste Management, Environmental Impact & Risk Assessment, Climate Change, Sustainability, Urban Environment, Materials (including Catalysts, adsorbents), CCUS, Strategic Urban Management, and several other areas.

In the seminar, it will be introduced what we have been actively working on as the Energy and Resource Management group, in addition to the above mentioned areas, such as cleaner cooking energy options for rural India, drone assisted environmental monitoring, Low cost, catalysts (including mixed oxides, perovskites) for automobile exhaust emission control, CO₂ reforming, diesel soot oxidation, water treatment, VOCs control and other areas related to cleaner energy generation and policy issues.

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20 **Friday**
11:00-12:00

Language : English

Venue : School of Engineering
A1-141

Contact : Taoyaka Program Office,
Hiroshima University

taoyaka-program@office.hiroshima-u.ac.jp