

## TRAINING ON ENVIRONMENTAL REGULATION, COMPLIANCE AND MANAGEMENT

### Environmental appraisal and clearance system in India

- EIA and CRZ Notifications
  - Regulatory requirements: Regulatory frame work and appraisal process under the provisions of EIA Notification 2006 / CRZ Notification 2011 / Wetlands (Conservation and Management) Rules 2010

*- Two sessions (3 hrs)*

- EIA & CRZ appraisal system / MoEF protocols, principles, objective and EIA report preparation, planning for project specific baseline data, aspects identification, mitigation planning, additional studies and post project monitoring.

*-Two sessions (3 hrs)*

- **Biodiversity and Ecological Services:** Direct and indirect contribution of ecosystems to human well-being
- **Biological Impact Assessment:** Primary data collection, secondary data collection, selection of appropriate sampling methods, standard references for ecological data, data analysis and interpretation, identification of impacts and mitigation planning
- **Special Studies:** Greenbelt Development, Wild Life Conservation Plan and other Case Studies

*Two sessions (3 hrs)*

### International Environmental conventions and treaties

- Emerging global trends on Environmental compliance requirements: International Conventions and Treaties
- India's role and achievements at International level

*- One session of 90 minutes*

## **National Environment policy 2006**

- Scope and objective and extent of involvement of stake holders in implementation of NEP 2006

- *One session of 90 minutes*

## **Conservation of Biodiversity**

- Biodiversity Act and Rules: provisions and implementation by central and state authorities
- Biodiversity hotspots their Biodiversity and conservation needs, issues and sustainable management of ecosystems; indigenous communities and developmental activities; role of Civil Society, Youth and Women and Legal, policy, governance and management framework

-*Two sessions (3 hrs)*

## **Environmental standards in India**

- Air Quality, Fugitive Emission Control of Particulate Emission and importance of Particle Size, PAHs, Metals, methods of improving Air Quality and Reducing Exposure and importance of Reliability of Air Quality Monitoring Data, Noise pollution and control
- Impact of Heavy Metals on Human Health, urban environment planning to control air pollution
- Impact of air pollution on biodiversity and the sink effect

*Two sessions (3 hrs)*

- Water quality standards including drinking water, and effluent treatment and management;
- Impact of water pollution on biodiversity and bio-indicators and bio-remediation of water pollution in ecosystems

-*Two sessions (3 hrs)*

## **Judiciary and Environment**

- Regulatory organisations like CPCB,SPCB and central Ground water authority, its jurisdictions and functions
- Environment (P) Act 1986 and provisions for interventions of courts and people under the Act

- *Two sessions (3 hrs)*

- NGT Act and Rules
- Public liability Insurance Act 1991 and its impact
- Case studies on few judgments and implications on environment and ecosystem

- *Two sessions (3 hrs)*

## ***Specialised Training on Biodiversity Assessment***

**Field Demonstration for Conducting survey and assessment of biodiversity, and estimation of density, frequency, basal area, species diversity and dominance etc. in natural areas by quadrat method for EIA data for a batch of ten trainees.**

**One day**