

CIPSEM - Centre for International Postgraduate Studies of Environmental Management



is the organisation in charge of the

UNEP/UNESCO/BMU International Training Programme on Environmental Management for Developing and Emerging Countries



The programme is jointly organized and sponsored by:

- United Nations Environment Programme (UNEP)
- United Nations Educational, Scientific and Cultural Organization (UNESCO)
- Federal Ministry for Environment, Nature Conservation and Nuclear Safety
- Federal Environmental Agency (UBA)
- Technische Universität Dresden (TU Dresden)
- Dresden International University

Programme Objective

The courses are designed to prepare participants from developing and emerging countries for their tasks of planning, co-ordination and management of the environment within ministries, national agencies and local government. Participants shall actively support the environmentally sound and sustainable development of their countries.

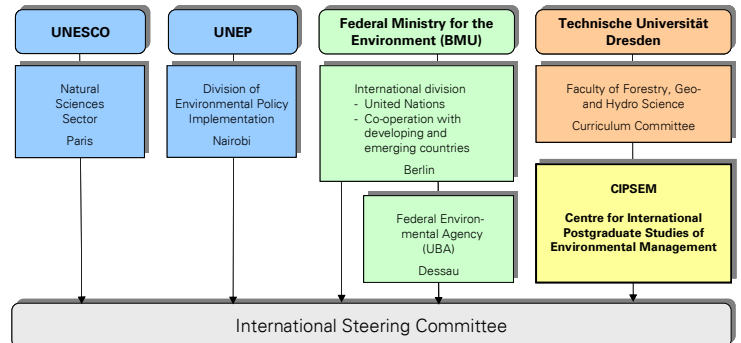
Having completed a course participants are expected to multiply that what they have learnt and acquired in Dresden, being a person in the home society who mobilises towards environmental management in social, cultural and economic questions of development.

Participants

Candidates are preferably staff of public administration responsible for tasks in environmental protection, planning, management and economic development in ministries, agencies as well as municipalities. They shall have a minimum qualification of a first university degree, and some years of professional experience.

The German Federal Ministry for the Environment (BMU) awards per course 21 selected candidates with a fellowship sufficient to cover travelling costs and expenses during the stay.

Since 1977, more than 1780 participants from 133 countries of Asia and the Pacific, Africa, Latin America and the Caribbean as well as Europe have successfully completed courses of this environmental training programme.



2012 / 13 Programme

04 September – 28 September 2012

Water management and climate change adaptation
56th UNEP/UNESCO/BMU International Short Course

10 October – 02 November 2012

Urban environmental governance – energy management
57th UNEP/UNESCO/BMU International Short Course

14 November – 14 December 2012

Remote Sensing and Land-use Change Management
58th UNEP/UNESCO/BMU International Short Course

15 January – 12 July 2013

Integrated Environmental Management

36th UNEP/UNESCO/BMU Course on Environmental Management for Developing and Emerging Countries

Contact / Information

Dr. Rolf Baur

UNEP/UNESCO/BMU Postgradualstudium, TU Dresden, 01062 Dresden
rolf.baur@tu-dresden.de <http://tu-dresden.de/cipsem>

Course Curriculum – Integrated Environmental Management

Introduction – Orientation – Language – Culture

Module 1

Conservation of Biodiversity and Nature Protection

- Ecosystems
- Nature conservation
- Sustainable tourism
- Wildlife management

Module 2

Water and Soil

- Water resources
- Water quality
- Urban water
- Wastewater treatment
- Fisheries
- Flood risk
- Hydrology and climate
- Soil productivity
- Soil protection

Module 3

Waste management and Cleaner production

- Collection
- Treatment and disposal
- Recycling
- Integrated product philosophy
- Cleaner production
- Life-cycle assessment

Module 4

Energy efficiency and Renewable energy sources

- Demand
- Efficiency and conservation
- Renewable energy sources
- Transportation

Module 5

Land-use and Impact Assessment

- Land-use management
- Planning standards
- GIS & remote sensing
- Risk assessment
- Audit schemes

Module 6

Governance and Sustainable Development

- Sustainable consumption
- Environmental education
- Public participation
- Economics
- Law
- International conventions

Scientific excursions – Final paper – Course symposium