



master's module
**DISASTERS, ENVIRONMENT &
RISK REDUCTION (Eco-DRR)**

INSTRUCTOR'S MANUAL • VERSION 2013

CNRD

Center for Natural Resources
and Development

PEDRR

Ecosystems for Adaptation
and Disaster Risk Reduction



“ By introducing the topic of Eco-DRR, our students widened their perspectives to realize that hazards become disasters only if they are poorly managed. Furthermore, disaster management can be significantly improved by adding ecosystem components. ”

*Dr. Marwa Khalifa, Lecturer at Faculty of Engineering,
Ain Shams University, Cairo, Egypt.*

Haiti & Dominican Republic border

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An aerial photograph showing a dirt road that curves through a hilly landscape. The terrain is covered with dense, green vegetation, likely scrubland or low-lying trees. The road is light brown and appears to be unpaved. The overall scene is bright and clear, suggesting a sunny day.

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CNRD

The Center for Natural Resources Development (CNRD) is a network of 11 international universities currently, based at the Cologne University for Applied Sciences (CUAS), Germany. The CNRD was established in 2009 within the program “Exceed - Higher Education Excellence in Development Cooperation”, funded by the German Federal Ministry for Economic Cooperation and Development (BMZ) and managed by the German Academic Exchange Service (Deutscher Akademischer Austauschdienst / DAAD). The core funding period of the program is five years.

The CNRD contributes to education, research and knowledge transfer related to the United Nations Millennium Development Goal 7 (MDG7) “Ensure Environmental Sustainability” with the themes:

- Integrated water resources management
- Land use dynamics and biodiversity
- Energy efficiency and renewable energy resources
- Regional management and sustainable livelihoods of the poor

The CNRD draws upon the expertise and experience of ongoing research and educational programs of the involved partners. The network is open for partnerships with universities, governmental and non-governmental organizations, and the private sector.

(www.cnrld.info)

PEDRR

Formally established in 2008, the Partnership for Environment and Disaster Risk Reduction (PEDRR) is a global alliance of UN agencies, NGOs and specialist institutes. As a global thematic platform of the International Strategy for Disaster Reduction (ISDR), PEDRR seeks to promote and scale-up implementation of ecosystem-based disaster risk reduction and ensure it is mainstreamed in development planning at global, national and local levels, in line with the Hyogo Framework for Action.

It provides technical and science-based expertise and applies best practices in ecosystems-based DRR approaches. PEDRR is guided by its vision of: “Resilient communities as a result of improved ecosystem management for disaster risk reduction (DRR) and climate change adaptation (CCA)”. Its objective is to pool expertise and advocate for policy change and best practice in ecosystem management for DRR and CCA, based on science and practitioners experiences. In addition to this Master’s module, PEDRR has also developed a short-course “Ecosystem-based Disaster Risk Reduction for Sustainable Development” intended for policy makers and practitioners.

(www.pedrr.net)



DAAD

Deutscher Akademischer Austausch
German Academic Exchange Service



Rice harvest in Aileu,
East Timor, 2009

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(UN Integrated Mission in
Timor-Leste)

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