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Network on Water, Environment and Health



Water Virtual Learning Center



- Severe challenges to meet the MDGs:
 - In 2005, 1.1 billion people did not have access to an improved source of drinking water
 - 2.6 billion people (40% of global population) do not use a toilet
 - If the current trend persists, nearly 1.7 billion rural dwellers will still not have access to improved sanitation by 2015
- Lack of capacity to design, deploy and manage in developing countries
- Need for:
 - Focus on the present generation of working professionals
 - Innovative modes of delivery
 - Development of common knowledge base across disciplines
- Allocation of resources to UN-DESA from UN Development Account







E-Learning for Practitioners

ACTION:

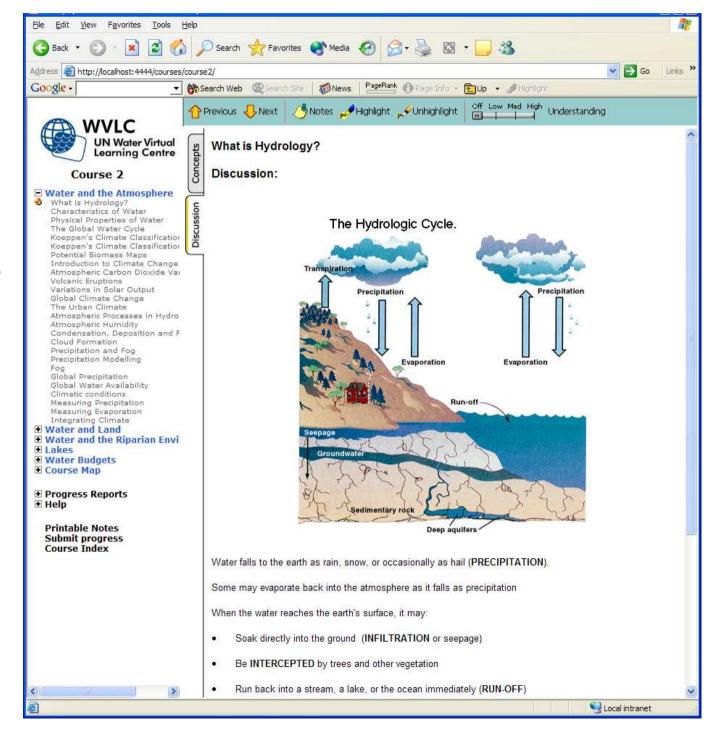
- Development of distance-learning IWRM programme
 - International committee for curriculum outline development
 - Database for available material online, courses, CDs
 - Professionals designed the courses
 - English edited and transcribed into studyspace
- The core curriculum consists of 10 courses, 250 study hours
- Flexible in terms of delivery mechanisms and procedures to accommodate:
 - widely varying schedules and requirements
 - technology access
 - backgrounds of the participants
- Delivered by regional partners and customized for each region



Flexible Architecture

and

Linear approach





Concepts

Discussion

Course 2

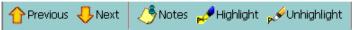
- Water and the Atmosphere
- Water and Land
- Water and the Riparian Envi
- Lakes
- Water Budgets
- Course Map

■ Progress Reports

Visited pages
 Level of understanding

+ Help

Printable Notes Submit progress Course Index



Progress report - Visited pages

Water and the Atmosphere

Water and Land

Water and the Riparian Riparian

Lakes

Water Budgets

Course Map

Environment

Each square represents a topic. Each topic has a concepts page. Some topics also have a discussion page. When a topic has both a concepts page and a discussion page, its square is divided in two parts. The upper part represents the concepts page, and the bottom part represents the discussion page. If a part is filled in black, the page has already been visited. You can click on a square to jump directly to the topic.

 \square = Topic not yet visited (no discussion page in topic)

 \square = Topic not yet visited (discussion page in topic)

■ = Only concepts page has been visited.

= Only discussion page has been visited

= Entire topic has been visited

Clear all visited pages





Course 2

- Water and the Atmosphere
- Water and Land
- Water and the Riparian Envi
- Lakes
- Water Budgets
- **■** Course Map

■ Progress Reports

Visited pages

Level of understanding

± Help

Printable Notes Submit progress Course Index

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Progress report - Level of Understanding

Water and the Atmosphere		
Water and Land		
Water and the Riparian Environment		
Lakes		
Water Budgets		
Course Map		
□ Off Lovel of wed	austan din a haa not hoon oot fou this tonis	
	erstanding has not been set for this topic	
= Low - Little or no understanding; review or contact tutor		
= Medium - Limited understanding; review later		
= High - Confident in understanding topic		





Course 2

- Water and the Atmosphere
- Water and Land
- Water and the Riparian Envi
- Lakes
- Water Budgets
- **●** Course Map

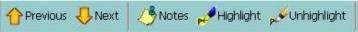
■ Progress Reports

Visited pages

Level of understanding

+ Help

Printable Notes
Submit progress
Course Index



Progress report submission

In order to evaluate the effectiveness of the StudySpace tool, we request that you periodically submit information about your progress in this course. You can do this in three different ways:

- 1. Through the internet;
- 2. On paper;

Concepts

Discussion

3. On a diskette.

In order to submit the information via internet, simply click on the button below. You must have an active internet connection in order for this to work.

Submit information via internet

In order to submit the information on paper, click on the following button.

Print information

To save the information on a diskette, click the following button. A new window will open containing the required information. Select "Save As..." on your browser and save the page to a diskette.

Open in new window for saving



Operations: Technology

- Courses on CD-ROM and delivered to participants
- Internet connections not required to complete the courses, but required for communication with Regional Centers
- E-mail, bulletin boards and conferences available if they have Internet connections
- Software environment is "StudySpace"
- Uses the analogy of a lecture format Concepts and Discussions
- Quizzes, on-line tests, built-in tracking, e-mail, databases etc.

Operations: Regional Centers

- Regional Centers customize and deliver materials
 - adapt materials to reflect local conditions
 - add regional "examples" of IWRM
- Communications and tutors from Regional Centers
- Regional Centers present Course 1 and 10 on-site or at other sites
- Examinations are held after each of the course through email WHILE final exam held on-site

Operations: United Nations University

- UNU/RC grants Certificates of Completion for Course 1 satisfactorily completed
- UNU grants UNU Diploma in IWRM upon completion of all 9 courses and after attendance, completion and satisfactory examination performance in Course 10

Expanding List of Partners



University of Ghana June 2004



Asian Institute of Technology, Thailand July 2004



WVLC

UN Water Virtual Learning Centre

University of Fiji May 2005



University of NB May 2005



Arab Gulf University, Nov 2007



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Feb 2008 UNITED NATIONS UNITED NATIONS

Wider Reach to Audiences







WVLC

UN Water Virtual Learning Centre



Ghana

STUDENTS





Nairobi

