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Advanced training in modeling and information management applications for water, environmental management and climate change adaptation issues

Project results

Deltares
Enabling Delta Life

HOMEPAGE ABOUT US MATERIALS ACTIVITIES PARTNERS & CONTACTS CONTACT

INTRODUCTION

Vietnam Facility project
for
Advanced training in modeling and information management applications for water, environmental management and climate change adaptation issues

PROJECT OBJECTIVES & ACTIVITIES
OUTLINE OF ACTIVITIES
RESOURCE MATERIALS
ACKNOWLEDGEMENTS
CONTACT INFORMATION

Vietnam National University, Ho Chi Minh City

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Can Tho University, Can Tho

Steering Centre for Flood Control, Ho Chi Minh City

ROYAL HASKONING
Haskoning Nederland BV

UNESCO-IHE
Institute for Water Education

UNESCO-IHE

Follow us on

Supported by Agentschap NL, Government of the Netherlands
(Grant No. VRF09VF08)

1/ IMOD training materials
2/ MULINO DSS materials
3/ Shariva MasterClass
4/ SOBEK training Materials
5/ Supporting documentation
6/ Training Seminar August 2010 VF Result 3
7/ Urban Flood Management

Sub Menu

The website provides information about the project that was carried out in 2010-2011. Project results like workshop proceedings, presentations, tutorials and instruction materials from Master Classes can be downloaded. Access is free for all; www.vietnamfacility.info

The Vietnam Facility project made important contributions to knowledge transfer to and capacity building of Vietnamese experts involved in complex water management and climate change adaptation studies. It focused in particular on the capacity to use modelling tools.

The project was coordinated by Deltares, knowledge institute for water management and Delta Technology in The Netherlands (www.deltares.nl). Supporting partners were Royal Haskoning Engineers & Architects and UNESCO-IHE.

The training and capacity building activities focused on:

- 1) transferring skills on high expert level to a small group of selected Vietnamese experts who develop the capabilities and fundamental insights to act as key experts and trainers in their respective institutes, and
- 2) creating awareness and understanding of the use of these complicated modeling tools and other information management applications with a) a larger group of (potential) users and b) with policy and decision-makers who are end-users of the modeling, GIS and visualization results. The latter group often have little understanding of the underlying technologies and have to base important policy decisions on this type of information.

On the website the following information folders can be opened. Documents (pdf) can be downloaded. Instruction materials can be used for educational purposes and training. The following sections are available:

1. iMOD – Groundwater Modeling Software – training materials and presentations on applications
2. MULINO Decision Support System materials
3. SHARIVA Multiple stakeholder role play game on Integrated Water Resources Management
4. SOBEK Hydraulic modeling software
5. General supporting materials on the use of modeling tools for water management and climate change studies (as introduced and used in the Vietnam Facility project)
6. Presentations and materials from the Training Seminar (VNU-HCMC, August 2010)
7. Instruction materials and presentations on Urban Water Management (Can Tho, Juli 2011)

Project participants and others interested in the training resource materials are invited to consult the website and make use of the material for training and educational purposes. For other use or questions, please contact: rien.dam@deltares.nl or info@deltares.nl

The project benefitted from the generous and high-level expert contributions from the participating institutions, respectively, UNESCO-IHE, Royal Haskoning and Deltares (The Netherlands) and Can Tho University, Vietnam National University and the Steering Centre for Flood Control, Ho Chi Minh City, Vietnam. The project was successful thanks to the dedication and enthusiasm of the numerous participants in the workshops and Master Classes. Their valuable support is sincerely acknowledged.

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