

HOW TO PAY

Bank: ABN AMRO
Address: Martinus Nijthoflaan 1, Delft, NL
Account no: 41.22.03.960
IBAN: NL13ABNA0412203960
Account Name: UNESCO-IHE
Address: Westvest 7, Delft, The Netherlands
Reference: 60035771

Deadline for payment is September 14, 2009

LODGING

HOTELS should be reserved as soon as possible. A list will be provided on the website.

UNESCO-IHE Student Hostel offers lodging at a rate of Euro 27/night + Euro 50/person registration cost (limited availability).

If interested, please make arrangements as soon as possible: accommodation@unesco-ihe.org



ABOUT UNESCO-IHE

UNESCO-IHE is instrumental to the strengthening of efforts by other universities and research centres in increasing knowledge and skills of professionals working in the water sector. The 190 Member States of UNESCO will have access to the knowledge and services of UNESCO-IHE in human and institutional capacity-building, which is vital to their efforts in the achievement of Millennium Development Goals, the Johannesburg Plan of Implementation and other global water objectives. UNESCO-IHE visions a world in which people manage their water and environmental resources in a sustainable manner, and in which all sectors of society, particularly the poor, can enjoy the benefits of basic services.

The Institute executes the following functions:

- Functioning as an international standard-setting body for postgraduate water education programmes and continuing professional training;
- Building human and institutional capacities through education, training and research;
- Setting up and managing networks of educational and water sector institutions and organisations world-wide;
- Functioning as a 'policy forum' for UNESCO Member States and other stakeholders; and
- Exercising an advisory function on water education to partner organisations and other members of the UN water family.

www.unesco-ihe.org

2009 EUROPEAN SWAT SUMMER SCHOOL

RIVER BASIN MODELLING USING THE SOIL AND WATER ASSESSMENT TOOL

SWAT SUMMERCOURSE

SEPTEMBER 21-25, 2009
UNESCO-IHE, Delft, The Netherlands

Organised by:



LEARNING OBJECTIVES

The course aims at introducing to river basin modelling using the Soil and Water Assessment Tool. SWAT is an agro-hydrological model that simulates water and soil processes at the catchment scale. The software is imbedded in a GIS interface (ArcSWAT) and linked to several visualisation or decision supporting tools.

SWAT

The Soil and Water Assessment Tool (SWAT) is a public domain model actively supported by the USDA Agricultural Research Service at the Grassland, Soil and Water Research Laboratory in Temple, Texas, USA. SWAT is a distributed model designed to simulate water, nutrient and pesticide transport at a catchment scale on a daily time step. It represents hydrology by interception, evapotranspiration, surface runoff, soil percolation, lateral flow and groundwater flow and river routing processes.

The main purpose of the model is to predict effects of management (climate and vegetative changes, reservoir management, groundwater withdrawals, water transfer) on water sediment and chemical yields on large river basins. SWAT can analyze meso- to macroscale watersheds by subdividing the area into homogenous parts. SWAT is imbedded in a GIS interface.

For further details and a free software download visit: www.brc.tamus.edu/swat/

ORGANISATION COMMITTEE

Dr. Ann van Griensven (UNESCO-IHE, NL)
Prof. Dimitri Solomatine (UNESCO-IHE, NL)
Prof. Raghavan Srinivasan (Texas A&M, USA)

MORE INFORMATION

Dr. Ann van Griensven, a.vangriensven@unesco-ihe.org

SWAT Summercourse on River basin modelling using the Soil and Water Assessment Tool

September 21-25, 2009

21 SEPTEMBER

- Introduction to Hydroinformatics
(*Prof. D. Solomatine, UNESCO-IHE*)
- Introduction to River Basin Management
(*Dr. A. Jonoski, UNESCO-IHE*)
- Introduction to GIS
(*Dr. Y. Xuan, Ir. G. Dubale, UNESCO-IHE*)

22 SEPTEMBER

- Introduction to SWAT
(*Dr. A. van Griensven, UNESCO-IHE*)
- Hydrological Processes in SWAT
(*Dr. S. Maskey, UNESCO-IHE*)
- Water Quality Processes in SWAT
(*Dr. A. van Griensven, UNESCO-IHE*)

23 SEPTEMBER

- Introduction to ArcGIS
(*Prof. R. Srinivasan, Texas A&M University*)

24 SEPTEMBER

- Introduction to ArcGIS
(*Prof. R. Srinivasan, Texas A&M University*)

25 SEPTEMBER

- Introduction to SWAT-CUP
(*Dr. K. Abbaspour, EAWAG*)
- Web-based SWAT interface
(*Dr. P. Cau, CRS4*)
- VIZswat
(*Ir. G. Dubale, UNESCO-IHE*)

APPLICATION FORM

First Name

Last Name

Company or Organization

Mailing Address

City

Zip/Postal Code

State/Province

Country

Phone

Fax

E-mail

I would like to attend the following:

- | | |
|---|----------|
| <input type="checkbox"/> DAY 1, 21 September 2009 | Euro 130 |
| <input type="checkbox"/> DAY 2, 22 September 2009 | Euro 130 |
| <input type="checkbox"/> DAY 3, 23 September 2009 | Euro 130 |
| <input type="checkbox"/> DAY 4, 24 September 2009 | Euro 130 |
| <input type="checkbox"/> DAY 5, 25 September 2009 | Euro 130 |
| <input type="checkbox"/> Entire course | Euro 600 |

Total to be paid:

Euro

HOW TO REGISTER

Please send registration information to:
Department Hydroinformatics and Knowledge
Management
UNESCO-IHE Institute for Water Education
P.O. Box 3015, 2601 DA Delft, The Netherlands
tel.: +31-15-21 51 766, fax: +31-15-21 22 921
e-mail hikm@unesco-ihe.org

Deadline for registration is September 1, 2009