

Format for Reports by UNESCO's Water-related Centres (category 1 and 2) on activities related to the IHP in the period July 2006 – May 2008

1. Basic information on the centre

Name of the Centre		IRTCUD – International Research and Training Centre for Urban Drainage
Name of Director		Prof. Dr. Cedo Maksimovic
Name and title of contact person (for cooperation)		Ljiljana Jankovic, Dipl. Eng
E-mail		irtcud@hikom.grf.bg.ac.yu
Address		Bulevar Kralja Aleksandra 73 P.O.Box 35-42; 11120 Belgrade Serbia
Website		http://hikom.grf.bg.ac.yu/Frames.htm
Location of centre		city/town <u>Belgrade</u> country <u>Serbia</u>
Geographic orientation *		<input type="checkbox"/> global <input type="checkbox"/> regional
Year of establishment		
Themes	Focal Areas ♦	X groundwater X urban water <input type="checkbox"/> arid / semi-arid zones <input type="checkbox"/> humid tropics x <input type="checkbox"/> droughts and floods <input type="checkbox"/> sediment transport and management X water and environment x <input type="checkbox"/> ecohydrology <input type="checkbox"/> water law and policy <input type="checkbox"/> transboundary river basins/ aquifers <input type="checkbox"/> IWRM <input type="checkbox"/> global and climate change X mathematical modelling <input type="checkbox"/> social and cultural dimensions of water X water education <input type="checkbox"/> other: (please specify) _____
	Scope of Activities ♦	x <input type="checkbox"/> vocational training X postgraduate education X continuing education X research x <input type="checkbox"/> institutional capacity-building x <input type="checkbox"/> advising/ consulting x <input type="checkbox"/> software development <input type="checkbox"/> other: (please specify) _____
Support bodies ¹		
Hosting organization ²		Faculty of Civil Engineering, University of Belgrade
Sources of financial support ³		Projects acquired in market competition
Existing networks and cooperation ⁴		IRTCUD network of regional centres: <ul style="list-style-type: none"> • Centre for the Cold Climates (Trondheim, Norway) • Centre for Humid Tropics (Porto Alegre, Brazil) • Centre for Arid and Semiarid Climates (Cairo, Egypt) • RCUWM- Tehran Iran CUWs (Centres for Urban Water)

* check on appropriate box

♦ check all that apply

¹ please specify bodies that cover the operational costs of the centre, and other essential costs such as salaries and utility bills, and that provide institutional support to ensure centre's sustainability

² if different from support bodies

³ please specify sources of main budgetary and extrabudgetary funds to implement projects

⁴ please write international networks, consortiums or projects that the centre is part of, or any other close links that the centre has with international organizations or programmes, which are not already mentioned above

Governance	<input checked="" type="checkbox"/> director and governing board <input type="checkbox"/> other: (please specify) _____ Link to election of board members to the IHP IGC and hosting country IHP National Committee _____ Frequency of meetings: once every 2year(s) x <input type="checkbox"/> Existence of UNESCO presence at meetings
Institutional affiliation of director	
Number of staff and types of staff	total number of staff (full-time, or equivalent) : ____ 31 ____ number of staff who are water experts: ____ 28 ____ number of visiting scientists and postgraduate students: ____ 32 ____
Annual turnover budget in USD	100k

2. Activities undertaken in the framework of IHP in the period July 2006 – May 2008

- 2.1 Educational activities (i.e., those with accreditation) that directly contributed to the IHP-VI and WWAP
Please include here those activities which led to accreditation of degrees, or those held in formal school settings.
Postgraduate studies in Water Resources and Environmental Management, in a framework of EDUCATE project, started in December 2007. It is international course implemented by four universities in the SEE region: National Technical University of Athens - School of Civil Engineering and School of Chemical Engineering, University of Ljubljana – Faculty of Civil and Geodetic Engineering, Technical University of Bucharest, University of Belgrade-Faculty of Civil Engineering and IRTCUD.
- 2.2 Research activities that directly contributed to the IHP-VI and activities by WWAP
Please include research/applied projects outputs such as publications that directly contributed to the IHP-VI and WWAP objectives
Within the Focal Area 3.5 of the IHPVI programme Training Tool for 'Urban Water Education, Training and Technology Transfer (UWETTT)' project (Project No. 9) was developed, to which contribution is provided by the project 'Towards Sustainability in Urban Ground Water Management' (Project No. 3). Urban GROunWater (UGROW) Modelling System was developed for modelling of interactions of groundwater and urban infrastructure systems.
- The following publications have been prepared within the IHPVI programme:
1. Focal Area 3.5 , Project "Urban Water Education, Training and Technology Transfer (UWETTT)"
Data Requirements for Integrated Urban Water Management.
Edited by: Tim Fletcher and Ana Deletić. Taylor & Francis, ISSN 1749-0790.
 2. Focal Area 3.5, Project Urban Water Management on Specific Climates: Integrated Urban Water Management in Temperate Climate.
Edited by: Cedo Maksimovic
UNDER PREPARATION
- 2.3 Training activities that directly contributed to the IHP-VI and WWAP objectives
Training course on Urban GROunWater (UGROW) Modelling System, as a part of the Project 9: "Urban water education, training and technology transfer".

Training courses for water industry, in a framework of EDUCATE project.

3. Collaboration and linkages

- 3.1 Participation in major international networks, programmes, partnerships with other UN or other International Agencies, media and professional bodies
IRTCUD activities were done through cooperation with UNESCO and other UN organizations (UNEP, UNDP, and UNIDO), professional institutions (IAHR, IAWPRC, IAHS), World Meteorological Organization (WMO), universities and research institutions all over the World.
IRTCUD has a role of global coordinator of the regional IRTCUD Centres for the Cold Climates (Trondheim, Norway), Humid Tropics (Porto Alegre, Brazil) and Centre for Arid and Semiarid Climates established in the Regional Center of Research and Studies of Water Ethics (Kairo, Egypt).
In a framework of INTERREG III Programme, IRTCUD is involved in the network of four SEE countries working together on the project "Building the Future of Transnational Cooperation in Water Resources in South East Europe": Greece (National Technical University of Athens), Romania (Technical University of Bucharest), Slovenia (University of Ljubljana) and Serbia (University of Belgrade and IRTCUD).
- 3.2 Participation in meetings related to the IHP and UNESCO (e.g., the UNESCO General Conference, the UNESCO Executive Board, the IHP Intergovernmental Council and/or other meetings organized by IHP)
IRTCUD took part in several activities related to IHPVI programme, from its preparatory activities, through programme creation and finally through implementation of some projects within the IHPVI programme. IRTCUD representatives participated in numerous meetings related to IHPVI programme, such are:
1. International Symposium: New Directions in Urban Water Management
UNESCO, Paris
11-14 September 2007
 2. Meeting: Focal Area 3.5 , Project "Urban Water Education, Training and Technology Transfer (UWETTT)"
UNESCO, Paris
23-24 January 2006
 3. Workshop: Integrated Urban Water Management in Temperate Climates
IRTCUD, Belgrade
15-16 May 2006
- 3.3 Collaboration and networking with other UNESCO category 1 or 2 institutes/ centres
- 3.3.1 cross-appointment of directors of the category 1 or 2 institutes or centres on the governing board
 - 3.3.2 exchange of information on activities such as training/educational materials, and funding opportunities
 - 3.3.3 exchange of staff, most notably professionals and students
 - 3.3.4 implementation of joint activities, such as workshops, conferences, training programmes, joint projects, field visits, software and data sharing, knowledge exchange and publications
- 3.4 Relationships with the UNESCO field office whose jurisdiction covers the country of location
- 3.5 Relationship with the UNESCO National Commission and the IHP National Committee in the country of location
- 3.6 Relationship with other UNESCO-related networks, such as UNESCO Clubs, ASPnet, and UNESCO chairs

4. Communication

- 4.1 Communication and knowledge dissemination activities undertaken in the framework of IHP

4.2 Policy documents and advice

5. Update on Centre Operations

5.1 Membership of the Board of Governors during designated period

Director: Prof. Dr. Cedo Maksimovic

Local Coordinator: Prof. Dr. Marko Ivetic

Programme Coordinator: Ljiljana Jankovic

5.2 Key decisions made (attach minutes of meetings)

6. Assessment of the Centre's Impacts

6.1 Science Impacts (Major contributions to the science, technology, education, and regional and/or international cooperation in the field of water)

6.2 Knowledge Transfer Impacts (Major achievements in the dissemination of knowledge and technology transfer)

6.3 Policy Impacts (advice sought by government and other bodies and evidence of inputs into policy arena)

7. Future activities that will contribute directly to IHP and/or to WWAP

7.1 Operational Plan (2008-2009) (attach operational plan for 2008-09 if available)

7.2 Strategic Plan linked with IHP-VII (attach strategic plan for 2008-11 if available)

8. Annexes

8.1 List of publications released by the centre (there can be overlap with those listed in 2.2 above)

1. Data Requirements for Integrated Urban Water Management.

Edited by: Tim Fletcher and Ana Deletić.

Taylor & Francis, ISSN 1749-0790.

2. Integrated Urban Water Management in Temperate Climate.

Edited by: Cedo Maksimovic

UNDER PREPARATION

8.2 List of training courses conducted (there can be overlap with those listed in 2.3 above)

1. Training course on Urban GROUnWater (UGROW) Modelling System, as a part of the Project 9: "Urban water education, training and technology transfer".

2. Training courses for water industry, in a framework of EDUCATE project.

3. Contribution to the Training Course on Urban Drainage in Humid Tropical Climates. Kuala Lumpur, February 2008