

FORMAT FOR ANNUAL REPORT

A. Division name:

Committee name: IAHR/IWA Joint Committee on Urban Drainage

Reporting period: 2009-2011

B. Mission statement / Long range objective

- To foster fundamental and applied research on all aspects of urban drainage, including meteorological, hydrological, hydraulic, water quality, ecological, engineering, landscape architecture, computer modelling, operational, socio-economic and sustainability aspects, and promote innovative approaches to urban drainage worldwide.
- The group engages in promoting and disseminating scientific and technical knowledge on urban drainage and sustainable urban water management; organising the triennial International Conferences on Urban Drainage (ICUD), and coordinating operation of a number of working groups.

C. Committee Membership

1. Number of committee membership:

Primary affiliation:

Secondary affiliation:

2. Leadership Team:

- **Chair:** Dr Peter Steen Mikkelsen, Assoc. Prof., Technical University of Denmark, Lyngby, DENMARK, E-mail: psmi@env.dtu.dk
- **Secretary:** Dr Jiri Marsalek (Non-voting Appointed Secretary), Section Head, National Water Research Institute, Burlington, CANADA, E-mail: jiri.marsalek@ec.gc.ca

The Committee currently has 10 members in addition to the Leadership Team (see below). We are currently in the process of electing 3 new members to replace Prof Lee and Prof Nascimento who are both leaving the Committee after serving for 6 years.

- Prof Neil Armitage, Professor, University of Cape Town, Rondebosh, REPUBLIC OF SOUTH AFRICA, E-mail: Neil.Armitage@uct.ac.za
- Prof David Butler (UK), Director, Centre for Water Systems, University of Exeter, Exeter, UK, E-Mail: d.butler@exeter.ac.uk
- Dr Alberto Campisano, University of Catania, Catania, ITALY, E-mail: acampisa@dica.unict.it
- Dr Tim Fletcher, The University of Melbourne, AUSTRALIA, Email: tim.fletcher@unimelb.edu.au
- Prof Hiroaki Furumai, Professor, The University of Tokyo, Tokyo, JAPAN, E-mail: furumai@env.t.u-tokyo.ac.jp
- Prof J H W Lee, Professor, The University of Hong Kong, HONG KONG, PRC, E-mail: hreclhw@hku.hk
- Prof Nilo de Oliveira Nascimento, Professor, Federal University of Minas Gerais, Belo Horizonte, MG, BRAZIL, E-mail: niloon@ehr.ufmg.br

- Dr Mohd Nor bin Mohd Desa, Universiti Tenaga National, KAJANG, MALAYSIA, E-mail: mohamednor@uniten.edu.my
- Dr Manfred Schuetze, ifak Magdeburg, Magdeburg, GERMANY, E-mail: Manfred.schuetze@ifak.eu
- Prof Maria Viklander, Professor, Lulea University of Technology, Lulea, SWEDEN, E-mail: Maria.Viklander@sb.luth.se (Sweden)

3. Name and composition of Working Groups

The group currently has 8 working groups (see below), which operate independently and in different modes:

- | | |
|--|----------------------------------|
| • Working group name | Chairperson |
| • Data and Models | Ana DELETIC (Australia) |
| • Real Time Control | Alberto CAMPISANO (Italy) |
| • Sewer Systems and Processes | Ghassan CHEBBO (France) |
| • Source Control for Stormwater Mgt. | Gilles RIVARD (Canada) |
| • Urban Rainfall | Patrick WILLEMS (Belgium) |
| • Urban Drainage in Cold Climate | Maria VIKLANDER (Sweden) |
| • Water Sensitive Urban Design | Rebekah BROWN (Australia) |
| • Global Outreach / Technology Exchange, Transfer and Training | Mohd. NOR (Malaysia) |
| • Urban Streams | Ivana Kabelková (Czech Republic) |

D. Affiliation with other professional associations

International Water Association (IWA) – Joint Committee

E. Report on activities in reporting period

1. Committee meetings

- Lyon, 26 June, 2010
- Tokyo, 7 September, 2009

2. Specialty conferences

- The 2nd conference on Urban Drainage and Road Salt Management in Cold Climate, Waterloo, ON, Canada, May, 2011
- The 6th International Conference on Sewer Processes and Networks, Gold Coast, Australia, 7-10 November, 2010
- 14th International Conference on Diffuse Pollution and Eutrophication, Quebec City (St. Anne du Beaupre), Canada, Sept. 12-17, 2010
- Contributing to organization of The 7th international conference on sustainable techniques and strategies for urban water management, Lyon, France, June 28 to July 1st, 2010
- The 8th Workshop on Precipitation in Urban Areas, St. Moritz, Switzerland, Dec. 10–13, 2009
- The 8th Urban Drainage Modelling (UDM) and The 2nd Rainwater Harvesting and Management (RWHM) Conferences, Tokyo, Japan, Sep. 7-11, 2009
- The 1st International Conference on Urban Drainage and Road Salt Management in Cold Climates: Advances in Best Practices”, University of Waterloo, Waterloo, Canada, May 25-29, 2009

- Urban drainage sessions at the 33rd IAHR Congress on Water Engineering for a Sustainable Environment, Vancouver, BC, Canada, Aug. 9-14, 2009
3. (continuing) education activities workshops, training seminars, courses, etc.
 - Workshop on Evaluating Uncertainty Methodologies, Tokyo, Japan, Sep. 7, 2009
 - Workshop on Design, modelling and implementation of stormwater source control technologies, Lyon, France, June 27th, 2010
 - Workshop on RTC for urban drainage, Lyon, France, June 27th, 2010
 4. Working Group meetings and output
 - Several specialty conferences organised by Working Groups.
 - Meetings held informally by Working Groups, i.e. without necessarily involving the main Committee.
 5. Publications: proceedings; papers for IAHR Journals; state-of-the-art papers; monographs; books
 - SG Newsletter No. 24, April 2011, pp.1-49
 - SG Newsletter No. 23, April 2010, pp.1-59
 - SG Newsletter No. 22, February 2009, pp.1-60
 - Several Working Groups activities have resulted in international journal publications.
 6. Contacts with other organizations
 - IWA.
 7. Other activities.

F. Short range plans (1 to 2 years)

- Specialty conferences
 - The 12th International Conference on Urban Drainage (12 ICUD), Porto Alegre, Brazil, Sept. 10-15, 2011
 - The 9th International Conference on Urban drainage Modelling (9UDM), Belgrade, Serbia, Sept. 3-7, 2012)
 - The 9th International Workshop on Precipitation in Urban Areas, St. Moritz, Switzerland (December) 2012
 - The 13th International Conference on Urban Drainage, Sept., 2014 (Sarawak, Malaysia)
- Activities related to next IAHR World Congress
 - Chair will attend IAHR Technical Committee Leadership Seminar in Brisbane, Sunday 26th June, 2011.
- (continuing) education activities
- working group activities
 - Many, in relation to specialty conferences (see above).
 - See further information in annual newsletter.
- publications
 - A review paper on stormwater infiltration as a source control measure, discussing advances and issues in stormwater infiltration technology

- Prepare a review document on climate change impacts on urban drainage
- contacts with other organizations
 - IWA
- other activities.

Remarks

- Next Committee meeting is scheduled for Sept. 11, 2011, in Porto Alegre/Brazil