

Minutes form the Sewer Systems and Processes Working Group meeting

Date: 11/09/2014

Location: Room 5, Borneo Convention Centre, Kuching, Malaysia.

Time: 4.30pm

Agenda

1. Apologies
2. Minutes from the last meeting held at SPN07 – Simon Tait
3. Round table up date – all members
4. Update on Preparation for next SPN – Rotterdam – Jeroen Langeveld
5. Junior Scientist Workshops
6. Sewer Solids Book
7. Other activities
8. Next meeting

Present:

Alma Schellart (AS), The University of Sheffield, UK.

Asbjørn H Nielsen (AHN), Aalborg University, DK.

Christoph Ort (CO), EAWAG, CH.

Francois Clemens (FC), TU Delft, NL.

Henriette S Jensen (HSJ), The University of Sheffield, UK.

Jean-Luc Bertrand-Krajewski (JLBK), INSA Lyon, FR.

Jeroen Langeveld (JL), TU Delft, NL.

Jes Vollertsen (JV), Aalborg University, DK.

Johan V Assel (JVA), Aquafin, BE.

Natercia Matias (NM), Technical University of Lisbon, PT.

Peter A Vanrollegem (PAV), Université Laval, CA.

Richard Ashley (RA), University of Bradford, UK.

Simon Tait (ST), The University of Sheffield, UK.

Sovanna Tik (STI), Université Laval, CA.

Thibaud Maruéjols (TM), Université Laval, CA.

9. Apologies

Despite being advertised with very short notice, apologies were received from Takashi Sakakibara (TS), National Institute for Land and Infrastructure Management, JP.

10. Minutes from the last meeting held at SPN07

Minutes were approved after explanation from ST.

11. Round table up-date – all members

The different research groups are very active and several interesting projects are currently being conducted. A number of groups are working on micro-pollutants, illicit-drugs and pharmaceuticals in

sewer systems. These projects focus on a number of aspects ranging from producing an inventory of relevant compounds, investigating their fate in sewers and their release (and impact) on the environment. Also, a number of projects with focus on innovative technologies are currently being conducted. These include the use of sonar for sewer sediment measurements, laser profiling of sewer geometries as well as methods for heat recovery from sewers. A couple of projects aim to establish new insights into transport phenomena for both slurries (transport of particles) and gases (odor and corrosion). Projects related to the design of different parts of the sewer infrastructure are also being performed. These include the design of pump sumps and the development of novel sewer pipe materials for corrosion protection and odor control. In addition, sewer operation and maintenance is also being addressed. One group is working on ground water effects on the sewer and in the Netherlands a project on inspection of pressure mains is being conducted.

12. Update on Preparation for next SPN

JL gave an update on the preparation for the next SPN. The location has been booked. The venue and hotel will be the ss Rotterdam, which is a former cruise ship that is now permanently anchored in Rotterdam harbour. The conference will be held 31/8 – 2/9, 2016. The plan is to have single track conference with time for extended presentations (20-25 minutes per paper). This will reduce the maximum number of presentations to approximately 45 papers. Also, a workshop will be planned in conjunction with the conference. A tentative price of 550 EUR for the conference fee and 110/140 EUR (single/double occupancy) for accommodation has been negotiated. The organizers are trying to attract sponsors in order to lower the price.

13. European Junior Scientist Workshops (EJSWs)

The 20th European Junior Scientist Workshop on SEWER SYSTEMS AND PROCESSES: On-line Monitoring, Uncertainties in Modelling and New Pollutants was held in Graz, Austria in April 2013. A summary of the EJSW was published in Water21. Despite some long days, the workshop was well received by the participants.

The 21st EJSW on “Sewer Processes and Networks” was held in Delft, the Netherlands from 20-22nd November 2013. The focus was on sewer asset management. The workshop was quite successful and received good feedback from the PhD students.

The 22nd EJSW on Monitoring urban drainage systems will be held 19 - 22nd May 2015 in Chichilianne, France. The number of participants will be limited to maximum of 21. The workshop will include practical work in the afternoon (sensor calibration etc.) and presentations in the mornings. Action 5.1.: FC will send the flyer to AHN who will advertise it on the SSPWG-webpage.

The EJSW on in-sewer processes to be held in Portugal in 2013 was postponed due to teaching obligations. A new date has not been fixed, but it is anticipated that the workshop will be held in 2015. The workshop will be organized by Filipa Ferreira and José Matos from the Technical University of Lisbon. Action 5.2.: NM will inform the organizers about the dates for 22nd EJSW in order to ensure an expedient timing of the workshop.

The possibility to organize a Senior Scientist Workshop was discussed. It was decided that the topic should be on Sewer Systems and Processes in Retrospect and the outcome should be a manifesto. It

was proposed to have the workshop in Sheffield – or in the surrounding area. Action 5.3.: RA will help organizing the workshop.

14. Sewer Solids Book

The work on the book has seen very limited progress in the past year. Some chapters are almost finished, but some are lacking. Action 6.1.: AS will contact the persons involved in the project in order to get the process moving again. Action 6.2.: It was decided to organize a 3-4 day meeting where the book can be finalized. AS will send out a doodle with possible dates for this meeting – primarily in the first half of 2015.

15. Other activities

Nothing to report.

16. Next meeting

The next SSPWG meeting will be held during the 10th International Conference on Urban Drainage Modelling, which will be held September 20-23rd, 2015 in Quebec City, Canada.

15/09/2014 - AHN