



Operation and Maintenance of Sewer and Water Pipes



ASSOCIATION RECONNUE D'UTILITÉ PUBLIQUE
PAR DÉCRET DU 23 NOVEMBRE 1918

4 & 5 december 2003
POLLUTEC
Paris-Nord/Villepinte

Programme and invitations to register



European Water Association

INTERNATIONAL CONFERENCE ASTEE (AGHTM) – EWA
Operation and Maintenance of Sewer and Water Pipes

Objectives of the conference :

Operators of sewer and drinking water networks are getting more and more concerned about the status of the infrastructure whose increasing age leads to diverse operation problems while requirements grow. As this infrastructure is hidden in the earth the observation of its status is difficult, which complicates operation and renewal of these networks. The international conference organised jointly by **ASTEE** (former AGHTM) and **EWA** will deal with this challenge and ways of meeting it successfully.

In three half-day sessions with a total of sixteen lectures speakers from six European countries will give both general approaches and concentrate on specific details. The authors come from universities, research institutes, cities, operators, engineering consultancies, and water authorities, and are thus able to present diversified and multidisciplinary views on the topic, concerning:

- > **operation and inspection of sewers and water pipes,**
- > **sewers rehabilitation,**
- > **rehabilitation of water pipes.**

December, 4th 2003

12 : 30 Registration

13 : 30 Welcoming address ASTEE (AGHTM)

> *Raymond Pinoit, Vice-President of ASTEE (AGHTM), Former President of EWA*

Welcoming address European Water Association

> *Bojan Zmaic, Civil Engineering Institute of Croatia,*

Chairman of the European Technical and Scientific Committee of the EWA

1

1st session: operation and inspection of sewers and water pipes

Chairman: Fabio Tatano, University of Urbino, Italy

14 : 00 Automatic monitoring of storm overflows at the DSEA 94

> *Bruno Choux, Computer Systems on Technical Management, France –*

Nathalie Vernin, DSEA of Val-de-Marne, France

December, 5th 2003

2

2nd session: sewers rehabilitation

Chairman: Peter Cook, Peter Cook Consultancy Ltd, UK

09 : 00 Bursting and rehabilitation of a Neckar-river-siphon

> *Martin Stahl, Mannheim Sewerage Company, Germany*

09 : 30 Reducing extraneous water: detection and condition assessment of leaking private sewers

> *Bert Bosseler, Thomas Birkner, René Puhl, Institute for Underground Infrastructure (IKT), Germany*

10 : 00 Towards proactive maintenance and rehabilitation of sewer systems: the Care-S Project

> *Yves Le Gat, Cemagref Bordeaux, France*

10 : 30 Break

- 14 : 30** Evolution of real time management to reduce pollution and flooding risks for medium-sized local authorities
> *Guy Jacquet, RHEA, France*
- 15 : 00** Rapid diagnosis for sewage networks: application of a new methodology
> *Roger Pujol, Jean-Pierre Hangouet, Lyonnaise des Eaux – Technical Head Office, France*
- 15 : 30** Break
- 16 : 00** Evaluation of cleaning treatments of hot water sanitary systems on legionella in the biofilms on the surface of pipes
> *Sébastien Saby, Anjou Recherche – Veolia Water, France*
- 16 : 30** Achieving the new european standards for lead in drinking water at least cost by ortho-phosphate treatment
> *Colin Hayes, Water Quality Management Ltd, United Kingdom*
- 17 : 00** Methodological guide for the diagnosis of drinking water networks
> *Alain Boireau, Générale des Eaux – Technical Head Office, France*



- 11 : 00** Rehabilitation of sewer networks : performance indicators, models and decision criteria
> *Pascal Le Gauffre, National Institute on Applied Sciences (INSA) Lyon, France – Caty Wery, UMR Cemagref – Engees GSP, France*
- 11 : 30** Rehabilitating the sewerage structures of the City of Paris
> *Dominique Laujin, Department of Sanitation of Paris – Rehabilitating Division, France*

12 : 00 Lunch

3

3rd session: rehabilitation of water pipes
Chairman : Michel Rapinat, Générale des Eaux, Chairman of the ASTEE (AGHTM) drinking water committee, France

- 13 : 30** Energy-based analysis for rehabilitation of water distribution networks
> *Tiit Koppel, Leo Ainola, Joonas Vaabel, Anatoli Vassiljev, Technical University Tallinn, Estonia*
- 14 : 00** Rehabilitation of water networks: the CARE-W Decision Support System
> *Pascal Le Gauffre, National Institute on Applied Sciences (INSA) Lyon, France – Patrick Eisenbeis, Cemagref Bordeaux, France*
- 14 : 30** Break
- 15 : 00** Replacing lead pipes: which materials to use ?
> *Pierre Leroy, Water Research Centre of Paris (CRECEP), France*
- 15 : 30** An approach and experience for the management of potable water network assets
> *Pascal Arnac, Olivier Tridon, Technical Head Office, Générale des Eaux, France*
- 16 : 00** Use of decision making tools based on risk of failure
> *Ronan Chrétien, Eau et Force Paris Ile-de-France, France*



INTERNATIONAL CONFERENCE ASTEE (AGHTM)/EWA

**Operation
and Maintenance
of Sewer
and Water Pipes**



ASTEE (AGHTM)

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FRANCE

GENERAL INFORMATIONS

Conference secretary's office

ASTEE (AGHTM)

Scientific and Technical Association
on Water and Environment (AGHTM)

83, avenue Foch – 75116 Paris

Phone: 33 (0) 1 53 70 13 53 (or 55)

Fax: 33 (0) 1 53 70 13 40

E-mail: aghtm@aghtm.org

Web: www.aghtm.org

Languages

official languages will be french and
english with simultaneous translation

Conference location

The conference will take place at **Parc
des Expositions de Paris-Nord/Villepinte**

Phone: 33 (0) 1 48 63 30 15

Fax: 33 (0) 1 48 63 30 66

E-mail: conferences@expoparisnord.com

It comes within the scope of POLLUTEC
2003, 19th International Exhibition
of Environmental, Technologies
and Services for Industry.

How to get there

See map on www.expoparisnord.com.

Hotel booking

To make hotel reservation,
please contact:

ATI

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Cancellation

Fees will be refunded, less 45 € to cover
administrative expenses, for all
cancellations received before
1st november 2003.

For cancellation between 1st november
and 29th november 2003, the amount
withheld will be 90 €.

No refund will be granted for
cancellation received on or after
1st december 2003.

Poster Presentations

Methods for condition assessment and water
tightness tests of private sewers

> *Rene Puhl, Institute for Undergrund Infrastructure (IKT)*

Rehabilitation of water networks: multicriteria
decision tools for annual programming

> *Pascal Le Gauffre, Katia Laffrèchine, INSA Lyon –
Rolf Baur, Technical University Dresden –
David Poinard, Compagnie Générale des Eaux –
Marcello Schiatt, AGAC – Reggio Emilia*

Rehabilitation of water networks:
tools for the calculation of technical indicators

> *Patrick Eisenbeis, Yves Le Gat, Cemagref Bordeaux – Katia
Laffrèchine, INSA Lyon – Jon Rostum, SINTEF, Trondheim –
Ladislav Tuhovcak, Technical University of Brno*

Bacterial contamination of hot water distribution
systems: impact of pipe materials

> *J. Kittel – A. Vidal – S. Saby – S. Giloupe – L. Chojnacki*

Real time management of wastewater systems
in urban environment combining domestic
and industrial effluents

> *Jean-Pierre Hamon, Serge Leuck, Syndicat mixte de
l'agglomération de Metz – Pascal Rocklin, Jean-Pierre
Schmitt, International Water Center of Nancy –
Nathalie Gencic, Agence de l'eau Rhin-Meuse – Eckart
Brockmüller, Sweekverband Kommunale Entsorgung –
Jean-Luc Cecile, Aquametris – André Gendron, Safege*

