

ISCOWA



WASCON 2009

Sustainable Management of waste and recycled materials in construction

SECOND OFFICIAL ANNOUNCEMENT

*ISCOWA, EEDEMS and the Rhône Alpes Environment Research Cluster
are very happy to invite you to LYON, France,
for*

WASCON 2009
**Sustainable Management of waste
and recycled materials in construction**
from the 3rd to the 5th of June 2009

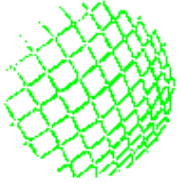
We hope that you will book these dates in your calendar and take part in this event.

WASCON is the reference international conference on the issue of integration of secondary raw materials in the field of civil engineering. In 1991, a group of scientists from Northern Europe (mainly from The Netherlands, Denmark, Finland, Sweden), but also North America (Canada and USA) and France founded ISCOWA (International Scientific Society for Construction with Waste) and launched the first WASCON conference, which became and remains the main activity of ISCOWA.

This initiative was in fact the beginning of an important movement around the recovery of waste. Indeed, the same year was created the TC292 which has since then standardized all the leaching tests and procedures integrated to-date within the European landfilling and recovery regulations and more generally in all the assessment procedures of the behaviour of materials in Civil Engineering scenarios. These same tests are also being used as the basis for standardisation regarding emissions of hazardous substances from construction products (TC351). The latter is a measure of the importance of the movement initiated in 1991.

During the first editions of WASCON (every 3 years), i.e. 1991, 1994, 1997, 2000, 2003, 2006, contributions from France and other Southern European countries (Spain, Italy, Portugal, Greece) have increased. The period 1995-2000 was the most productive considering that during this period, French scientists and industrialists were very active in the field of waste stabilization, with two international conferences organized for this topic : Nancy95 and Stab&Env Lyon 99.

Following the 2006 edition of WASCON in Belgrade, I had the honour of being selected by the board of ISCOWA as the new chairman, with the objective of providing WASCON a new outlook in the difficult international context of natural resource depletion and increase of sanitary and environmental requirements for construction products. The social and economical aspects of recycling will complete the overview of the sustainable management of alternative materials in construction.



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Given the importance of research and development underway at this time in the field of recovery of alternative materials in civil engineering and the significant involvement of industry, producers, eco-industries or operators of civil engineering, it seemed a good opportunity to highlight, at a European and international level, the role of the research and development teams, and so I accepted this mission on behalf of EEDEMS (French research network on waste and polluted materials management).

We count on a strong mobilization of both the scientific and industrial communities...

Sincerely,
Jacques Méhu
Scientific Coordinator of EEDEMS
Chairman of ISCOWA

Suggested topics in the call for papers are as follows:

1. Quantification and modelling of emissions (including Hazardous Regulated Substances in construction products and the implications for water quality management in urban areas)
2. Developing new products and / or processes for the use of waste in construction
3. New scenarios of utilisation and new waste streams (e.g. sediments)
4. Environmental and health impacts
5. Avoided impacts (depletion of natural resources, GHG emissions, products with high energy consumption)
6. Economy recycling
7. Industrial Ecology-waste recycling and territorial metabolism
8. Multicriteria analysis and decision support tools (of Life Cycle Analysis, Material Analysis, Cost-Benefit Analysis, ...)
9. Barriers and incentives to recycling (regulations, markets, eco-tax, conflict of interest between different industrial sectors, status and specifications of recycled materials (waste versus no-waste), social acceptance, producer liability)

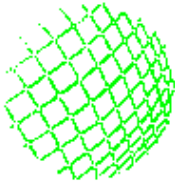
Planned Workshops :

➡ THURSDAY morning

1. Methodology and Policies for Environmental assessment of emissions from (secondary/recycled) construction products

The objective of this workshop is to associate scientists and European, North American and Asian countries representatives to address the following questions:

- policy approach to impact assessment and criteria development - Developments and needs for the Waste directive, including the new developments on End of Waste, the CPD and Reach
- Targets used in setting criteria
- Tests referenced as basis for regulation
- Different or same approach used for waste, soil, construction products



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Associated experts : Rob Comans (ECN), Job Spijker (RIVM), Rein Eikelboom (VROM); Laurent Chateau (ADEME); Frederic Leray (MEEDAT); Pr He Pinjing (Tongji University); David Kosson (Vanderbilt University) ,...list to be confirmed

➡ THURSDAY afternoon

2. Application of percolation tests for the assessment of emissions from construction products

Interpretation and application of column test results in regulation – critical test conditions/robustness – validation – up-scaling issues – comparison to lysimeter and field data – inorganic/organic substances – flow rate and alternative wetting/drying issues – particle size issues – alternative means of running column tests

Associated experts : Ole Hjelm (DHI) and by Peter Grathwohl (Zentrum für Angewandte Geowissenschaften, Tübingen)

➡ FRIDAY morning:

3. Industrial feedback of practical use of waste in civil engineering – critical issues

What is real situation of secondary/recycled materials used in construction in the different countries ?
Legal and economical issues – Statistical issues - Decision making tools - Societal issues –

Role of characterization (mechanical, chemical and ecotoxicological) for product improvement or scenario validation

Potential for exchange of experience between fields? (waste disposal/construction sector)

Conclusions and prospective (field of improvement – challenge for the next Three years to be addressed in WASCON 2012 !)

Associated experts : Hans van der Sloot (ECN) – Jacques Méhu (INSA-EEDEMS) – Emmanuel Jayr (CSTB-EEDEMS), Ivan Drouadaine (EUROVIA)...list to be confirmed

WASCON 2009 will take place on **3-4-5 June 2009** at the **Espace Tête d'Or in Lyon**

<http://www.espacetetedor.com>

ABSTRACTS

The abstract shall not exceed 1000 words

It must mention the number of the considered topic and:

Your family name and given name

Institution or company

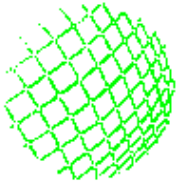
Address

Country

Phone-Fax-email

Homepage

Your ISCOWA member number (if relevant)



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The deadline for submission of abstracts is set for the
5th of January 2008 to wascon2009@insavalor.fr

Why WASCON 2009 in LYON:

University of Lyon is the most important research and teaching centre in France in the field of Environment.

Moreover, waste recycling is the main topic of research of laboratories of this University for more than 35 years. Most of the assessment procedures in the waste management field have been developed in this University.

In the framework of EEDEMS (French research network on waste and polluted materials management) five of the main French research public bodies in this field (INSA Lyon-CSTB-ENTPE-BRGM-ENSMSE) work together in a research network and on a technological platform allowing experimentations on waste recycling in civil engineering in pilot scale scenarios in close collaboration with industry.



Lyon is also a wonderful cultural and historical place... Known to be also one of the best gastronomic destinations in the world !



Registration form WASCON 2009

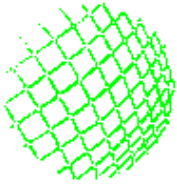
We invite you to register as early as possible at wascon2009@insavalor.fr

ISCOWA AWARD

The recipient of the fifth ISCOWA Award was Annette Johnson of EAWAG (Switzerland). She received the award from Rein Eikelboom (VROM, The Netherlands), winner of the fourth award in 2003. Previous recipients were Ole Hjelmar (DHI, Denmark), in 2000, Dr. Hans van der Sloot (ECN, The Netherlands) in 1997 and Prof. Joe Cabrera from the University of Leeds UK in 1994.

Who will be the sixth Award winner in 2009 ?

Come to WASCON 2009 in Lyon, France and find out !



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Nominations for the 6th ISCOWA Award can be forwarded to the chair of the new ISCOWA Award Jury: [Annette Johnson](#) of Eawag, Switzerland

ISCOWA MEMBERS MEETING

The next ISCOWA members meeting will be organised at the evening before the conference. We invite you all to become a member of the society. The more ISCOWA members there are the better we can do our work. Please contact the secretary and visit our website www.iscowa.org

Committees

- **Organising Committee**

The organising committee is composed by the EEDEMS staff and the INSAVALOR staff for organization of events, chaired by Jacques Méhu.

- **Scientific committee**

The scientific committee is composed by :

Maria	Arm	Rémy	Gourdon	Takao	Tanosaki
Gérard	Bertolini	Dominique	Guyonnet	Pierre	Troadec
Radu	Barna	Cyrille	Harpet	Hans	van der Sloot
Ligia	Barna	Pinjing	He	Jérôme	Rose
Denise	Blanc	John	Heynen	Laurent	De Windt
Jacques	Chevalier	Colin	Hills	Emmanuel	Jayr
Blandine	Clozel	Ole	Hjelmar	Laurent	Chateau
Christian	Cochet	Annette	Johnson	Didier	Grosdemange
Rob	Comans	Amnon	Katz	David	Kosson
Jérémie	Domas	Jianguo	Liu	Carlo	Vandecasteele
Rein	Eikelboom	Jacques	Méhu	Mostapha	Benzaazoua
Suren	Erkman	Pierre	Moszkowicz		
Kevin H.	Gardner	Yves	Perrodin		
Guillaume	Gay	Florence	Sanchez		
Hans	Goumans	Julia	Stegemann		

- **Sponsoring committee : under construction**

Timetable Important Deadlines

Subject

Deadline abstracts

Selection abstracts

First programme

Deadline papers for CD rom

Final Program

Deadline sec. Registration (10 %)

ISCOWA Meeting

WASCON Conference

Dates

January 5th, 2009

January 31, 2009

February 15, 2009

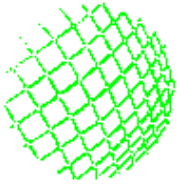
April 15, 2009

April 15, 2009

May 15, 2009

June 2nd, 2009

June 3-4-5



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