

SARDINIA SYMPOSIUM

Thirteenth International Waste Management
and Landfill Symposium

3-7 October 2011 S. Margherita di Pula (Cagliari), Italy

Organized by:

IWWG - International Waste Working Group

With the scientific support of:

University of Padua (IT)

Nanyang Technological University (SG)

Tongji University (CN)

University of Urbino 'Carlo Bo' (IT)

Fukuoka University (JP)

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PRESENTATION

Waste management strategies and technologies are currently undergoing rapid development. The Sardinia Symposia were established in order to make knowledge and experiences in this field readily available. The Symposia rapidly have become the Reference Forum, where the leading experts meet and present their research activities and experiences and discuss new concepts and technologies. The Symposia have witnessed and contributed worldwide to the development of modern waste management strategies such as the integrated waste management hierarchy, recovery of energy and sustainable landfilling. The twelfth Symposium was held in October 2009 in the traditional venue of the Forte Village Complex at S. Margherita di Pula (Cagliari), with an attendance of nearly 1000 delegates from 80 different countries.

The Symposium will focus on innovative aspects of Waste Management, presenting new technologies, describing the state of the art and related case studies, discussing the main controversial subjects, sharing experiences among different countries, valuating social and economical balances.

The Symposium will include oral presentations, poster sessions, specialized sessions and specific Workshops. Before the start of the Symposium, training courses will be offered by IWWG under the supervision of international leading experts.

Organizations, Associations and Companies are traditionally welcome to have their internal meetings during the event, with the support of the Symposium Organization. In order to increase the participation of Authors from public bodies in developing countries, the Symposium organization is stimulating offer of fellowships by Public and Private Sponsors. The available fellowships and procedure for applying will be announced on the Symposium web site: <http://www.sardiniasymposium.it>

VENUE AND LOCATION

Sardina 2011 will be held in the Forte Village Complex situated near S. Margherita di Pula, on a long sandy bay on the southeastern coast of Sardinia. The Hotel complex, about 40 km from Cagliari (the capital of the island) and 5 miles from S. Margherita di Pula, is set in a natural park of 25 ha.

TRAVEL AND ACCOMMODATION

All delegates and authors are expected to make their own travel arrangements although an organized Travel Office will be available at the Hotel Complex. Detailed information on the location of the Symposium Site, the accommodation rates, and the suggested modes of travel will be available on the Symposium web page.

SYMPOSIUM THEMES

The Symposium will last five days and will include the following topics:

A. Waste policy and legislation

International, national and regional guidelines; regulation and planning requirements; role of scientific and technical organizations; carbon tax.

B. Waste management strategies

Integrated waste management; national strategies; future perspectives, waste as a resource; public and private partnership.

C. Public concern and education

Public involvement and relationship; NGO's activities; mediation; education; communication; training in waste management and operation.

D. Waste management assessment and decision tools

Life cycle analysis; risk assessment; environmental impact assessment; EMAS; quality control procedures; cost benefit analysis; multicriteria analysis; auditing; BAT-Best Available Technologies.

E. Waste characterization

Standardization; analytical procedures, sampling, production variations vs time and geographical areas.

F. Waste collection

Cost optimization; collection on demand; separate collection; case studies, subsurface systems, pneumatic collection.

G. Waste minimisation and recycling

Waste avoidance; waste logistics and recycling; new recycling technologies; material quality after recycling; packaging material; electronic waste; construction and demolition waste; batteries; end of life vehicle; market waste.

H. Biological treatment

New developments in composting and anaerobic digestion; emissions from processing facilities; product quality.

I. Thermal treatment

Technologies and experiences; new technologies; production and use of RDF; emission control; treatment of residues; beneficial use of combustion ash

L. Mechanical biological treatment prior to landfilling

Mechanical pretreatment (separation, shredding, RDF-production, etc.); technology and experience; new technology, testing and landfill acceptance; off gas treatment; emission control.

M. Sanitary landfilling

Sustainable landfill concepts for mechanically biologically pretreated municipal waste and special waste; processes and emissions; leachate and gas management; landfill design and construction; barrier design and performance; waste mechanics; landfill operation; administrative and financial aspects; landfilling under specific conditions (tropics, islands, mountains, etc.); aftercare and reuse; landfill remediation; case studies.

N. Integrated wastewater and solid waste management

Decentralized systems; closed substance cycles; future perspectives; cases.

O. Waste management and climate change

Minimisation of greenhouse gases from waste management activities and landfills, waste - CDM projects, minimisation of energy consumption, landfills as geological sinks for carbon and other elements.

P. Waste management in developing and low income countries

Appropriate technologies, experiences, international cooperation, financing, education.

Q. Special sessions

BAT - Best Available Technologies; IPPC regulations

Due to their relevance, all these subjects will be presented in general sessions, specialised sessions, workshops and poster sessions. Offers of papers for workshop are also welcome

CALL FOR ABSTRACTS

An extended abstract (at least one but no more than two full pages) should reach the Organization no later than **15th February 2011**.

Abstracts must show the full title of the paper, names, affiliations, email address and full mailing address of all the Authors, the suggested session and the requested destination (oral, poster or workshop). The abstract must clearly present background, objectives, methodology and results on a sound basis (innovative case studies, research datas, practical experiences, investigations, etc.). The Author who will present the paper at the Symposium should be clearly indicated.

Each Leading Author may submit no more than three abstracts. An abstract format should be downloaded from the symposium web site. The official language of the Symposium will be English. All papers must be written and presented in English. Authors will be expected to attend the conference and present their papers themselves.

Accepted papers will qualify the Leading Author alone for payment of a discounted Author's registration fee, which is not cumulative with other reductions and which must be paid strictly at the time of paper acceptance. Papers will be selected following evaluation by an international panel of referees. Acceptance of papers will be communicated to the Leading Author by **March 15th 2011**.

If notification has not been received by the above date the Authors should contact the Organizers. Full papers (maximum 8 pages in length - format and instructions available from the Symposium website) should be addressed to the Organizers and received no later than **15th June 2011**. Final papers will be checked by the Executive Programme Committee and papers of inadequate quality will be removed from the Symposium Programme.

All papers accepted for presentation at the Symposium will be published in Proceedings available at start of the Symposium.

Abstracts should be addressed to:

Sardinia 2011 Organising Secretariat - EuroWaste Srl

Via Beato Pellegrino, 23 - 35137 Padova (Italy)

e-mail : papers@sardiniasymposium.it

Please send your abstract by e-mail as a Word file (.doc) attachment. The file should be saved using the Leading Author's name (e.g. Smith.doc)

EXHIBITION

A commercial exhibition will be held during the conference where organizations and companies can display technical literature and associated material. Further information are available on the web site.

SOCIAL PROGRAMME

Social events are part of the key to the success of the Sardinia Symposia. An updated Social Programme will be available on the Symposium website.

INFORMATION

For further enquiries and information on registration, exhibition, accommodation, etc., please contact the Organising Secretariat:

EuroWaste Srl - Via Beato Pellegrino, 23 - 35137 Padova (Italy)

tel. +39.049.8726986 fax +39.049.8726987 e-mail: eurowaste@tin.it

Continuously updated information is available on the Official Symposium website: <http://www.sardiniasymposium.it>

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Reply form - to be sent by fax at +39.049.8726987

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Please tick appropriate box

I would like to be inserted in the mailing list to be continuously updated on Sardinia 2011 or IWWG events

My organization is interested in participating in the exhibition. Please send further details at:

I wish to offer a paper entitled:

I have a strong preference to have my paper refereed and considered for publication in an international journal (please indicate so also when submitting your paper)

I suggest that this announcement should also be sent to

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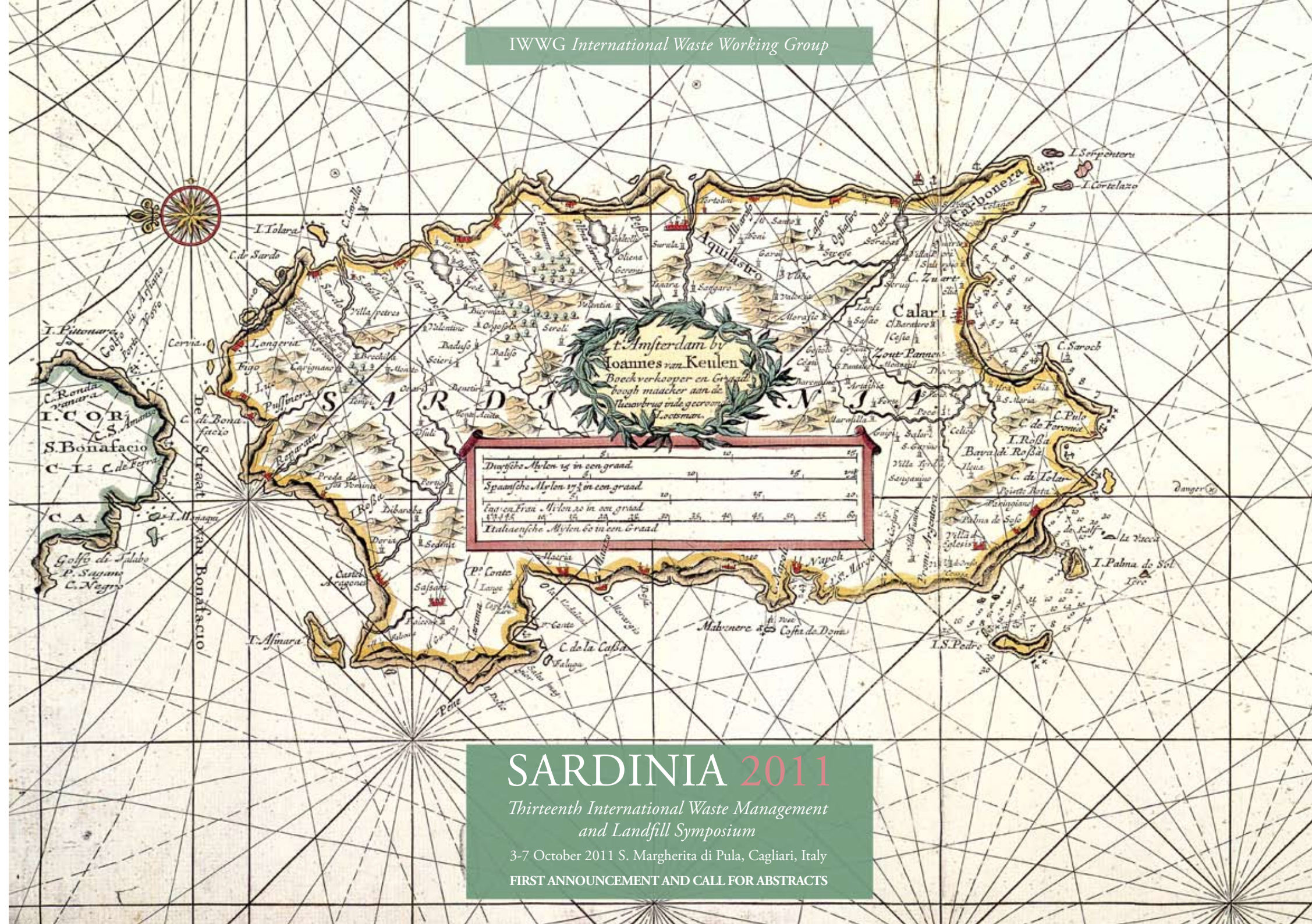
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FIRST ANNOUNCEMENT AND CALL FOR ABSTRACTS