

Subjects of interest

1. **Acceptance of ecosan concepts – examples, sociological and historical studies**
2. **Economy and market orientation – public and private**
3. **Policies and legislation**
4. **Closed loop sanitation and nutrient management concepts, especially for urban and peri-urban areas**
5. **Sanitation, stabilization and nutrient recovery – fertilization and soil improvement**
6. **Assessments – hygienic, environmental etc.**
7. **Sustainable sanitation systems integrating rainwater harvesting, energy, water conservation and other environmental aspects**
8. **Other relevant aspects, e.g. ensuring operation and maintenance, industrial reuse etc.**

Submission of papers

Authors should submit an extended abstract in English (max. two pages including tables and figures) of oral or poster presentations on any of the listed topics preferably by e-mail. The obligatory abstract form is downloadable from the symposium website <http://www.gtz.de/ecosan/symposium-2003.html>.

The Symposium will consist of keynote lectures, oral and poster presentations and discussions.

The official language will be English.

The Scientific Programme Committee will select papers to be presented during the event. Authors will be notified by October 31, 2002 and will be invited to submit full manuscripts for January 31, 2003. The manuscripts presented and discussed at the symposium are to be published in two volumes of ISBN listed books (one of them peer-reviewed) meant for worldwide distribution and in the internet.

dates

Sep. 30 2002 – Submission of Abstracts
Oct. 31 2002 – Notification of acceptance
Jan. 31 2003 – Registration
Jan. 31 2003 – Submission of full manuscripts

for registration of interest...

....or an abstract submission and for updated information on the programme and accommodation details, please see the the conference website <http://www.gtz.de/ecosan/symposium-2003.html> and complete the on-line registration form.

☺ **Thank you for distributing this call!**



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ecosan – closing the loop

2nd International Symposium

on ecological sanitation

2nd call for papers

April 7 to 11, 2003
Lübeck, Baltic Sea, Germany
(near Hamburg)

including the
**1st IWA specialist group
conference on
Sustainable Sanitation**



Deutsche Gesellschaft für
Technische Zusammenarbeit (GTZ) GmbH

Key objective

“ecosan – ecologically and economically sustainable wastewater management and sanitation systems”

means approaches to bring forward a new philosophy of dealing with what is presently regarded as waste and wastewater. They are based on the systematic implementation of reuse and recycling of nutrients and water as a hygienically safe, closed-loop and holistic alternative to conventional solutions. Ecological sanitation systems enable the recovery of nutrients from human faeces and urine to the benefit of agriculture, thus helping to preserve soil fertility, to assure food security for future generations, to minimize water pollution and to recover bioenergy. They ensure that water is used economically and is recycled in a safe way to the greatest possible extent for purposes as irrigation or groundwater recharge.

In the last years this principle is getting more and more attention – with a lot of productive output improved by global exchange of experiences.

Symposium Presentations shall concentrate

- either on integrated approaches
- or on the collection, treatment, reuse and recycling of faeces, urine, blackwater, household biowaste and greywater.

A broad spectrum from high- to low-tech and from solutions for individual households up to regional concepts will be represented.

We especially encourage contributors from Developing Countries.

Plenary sessions: As far as possible, presentations will not be divided into parallel sessions. Provisions for **Workshops and meetings** will be made. An **excursion** to ecosan-sites will be organised.

A **one week study tour** on ecological sanitation in Germany, Denmark and Sweden will follow.

Active ecosan networking

Cooperation via a global ecosan network – born during the 1st International Symposium, 2000 in Bonn, Germany and followed by the 1st International Conference, 2001 in Nanning, China - intends to popularise the topic and spread the available knowledge as widely as possible. But this is not a one-way street. It involves all types of fruitful communication as well as active cooperation.

So if you are looking for partners, want to publish interesting information, present products, have any questions, wishes or ideas concerning ongoing, future or possible ecosan activities, please come!

The Deutsche Gesellschaft für Technische Zusammenarbeit GmbH (GTZ), acting on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ), has embarked on an international research and development project on “**ecosan – ecologically and economically sustainable wastewater management and sanitation systems**” since May 2001.

Its main objectives include a profound and broad knowledge management and dissemination via a global ecosan network as well as the initiation, implementation and monitoring of appropriate pilot projects in cooperation with local and international partners and the development of concepts for marketing and safe appliance of the generated products.

The International Water Association (IWA) is the world's leading professional water association for water management issues. All technical, managerial and administrative aspects are covered. IWA offers membership to companies and individuals. An excellent range of benefits including high quality journals and books, a unique system of expert networking within IWA Specialist Groups and a comprehensive programme of conferences are available to members.

For more information consult www.IWAhq.org.uk .

Programme committee

The programme committee consists of a number of reknown international scientists and representatives of the organizers - supported by referee experts - to ensure by thorough peer review, that only the best quality posters and papers are included in the conference.

The Programme committee is guided by Hakan Jönsson of SLU Sweden, Ralf Otterpohl of TUHH-Germany, Arno Rosemarin of Stockholm Environment Institute (Sida-EcoSanRes programme), Christine Werner of GTZ-ecosan.

Sponsors



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