

# Improve Food Security - Combine Productive Sanitation, Conservation Agriculture and Water Harvesting

Sunday 17 August 2008, 13:30–17:00, World Water Week,

Stockholmsmässan, Room K22, Stockholm, Sweden



gtz

JIFAD

IFDC

IWMI  
International Water Management Institute

SEI

SLU  
Swedish University of Agricultural Sciences

sustainable sanitation alliance

UNCCD

## Convenors

<b>CREPA</b>	Centre Régional pour l'Eau Potable et l'Assainissement à faible coût
<b>FAO</b>	Food and Agriculture Organization of the United Nations
<b>GTZ</b>	German Agency for Technical Cooperation
<b>IFAD</b>	International Fund for Agricultural Development
<b>IFDC</b>	An International Center for Soil Fertility and Agricultural Development
<b>IWMI</b>	International Water Management Institute
<b>SEI</b>	Stockholm Environment Institute
<b>SLU</b>	Swedish University of Agricultural Sciences
<b>SuSanA</b>	Sustainable Sanitation Alliance
<b>UNCCD</b>	United Nations Convention to Combat Desertification

You are invited to a half-day seminar to discuss the possibilities of integrating productive sanitation approaches into existing and improved agricultural practises. Combining productive sanitation, sustainable agricultural practices and water harvesting would simultaneously improve three important limiting factors for crop development and would provide large synergetic effects. Chemical fertiliser prices are already high and are expected to increase significantly in the future, thus increasing the interest in alternative sources. Human excreta and greywater are valuable nutrient and water resources that are readily available for the poor. Human excreta needs to be treated (hygienized) to ensure that reuse is safe. The resultant improved sanitation, combined with greater food security would not only improve health but also promote agricultural and economic development.

The aim of this seminar is to showcase the important role that productive sanitation, combined with sustainable agricultural practices and water harvesting, can play towards meeting the Millennium Development Goals. This "Triple-Green Approach" will help towards eradicating extreme poverty and hunger, and towards ensuring environmental sustainability through more efficient use of the finite resources of nutrients, land and water. In addition the Sustainable Sanitation Alliance (SuSanA), a collaborative partnership of 84 organisations, will present the activities and first results of its working group on food security and productive sanitation systems and a new project on the "Triple-Green Approach" will be presented.

## Programme

Chair: **Johan Rockström**, Executive Director, SEI, Sweden

Co-Chair: **Elisabeth von Münch**, Director, Ecosan Programme, GTZ, Germany

13.30	Welcome and Introduction
13.40	Visions: Enhanced Health and Food Security <b>Hon. Jennipher Namuyangu Kacha Byakatonda</b> , Minister of State for Water, Uganda.
13.50	Challenges and Opportunities for Smallholder Farmers in Arid Zones Executive Secretary <b>Luc Gnacadja</b> , Benin, United Nations Convention to Combat Desertification (UNCCD).
14.00	Improving Small-Scale Agriculture in a Changing Climate. <b>Prof. Rattan Lal</b> , College of Food, Agricultural and Environmental Science, State University of Ohio, USA.
14.20	Achieving Food Security and Accelerated Sanitation Coverage through Water Harvesting and Conservation Technologies: Case Examples from Sub-Saharan Africa Director <b>Maimbo Mabanga Malesu</b> , World Agroforestry Centre, ICRAF, Kenya.
14.40	Experiences and Opportunities for Human Excreta Fertilizers in Improving Small-Scale Agriculture. <b>Dr Moussa Bonzi</b> , Centre Régional pour l'Eau Potable et l'Assainissement à faible coût (CREPA), Burkina Faso.
15.00	The SuSanA Working Group on Food Security and Productive Sanitation Systems and new Triple-Green project. <b>Dr Pay Drechsel</b> , IWMI, Ghana. <b>Mr Laurent Stravato</b> , IFAD, Italy.
15.25	Panel Discussion moderated by Prof. Johan Rockström, SEI. Panel: <b>Prof. Rattan Lal</b> , <b>Dr Maimbo Malesu</b> , <b>Dr Håkan Jönsson</b> (SEI/SLU), <b>Mr Laurent Stravato</b> (IFAD), <b>Ms Marjatta Eilitta</b> (IFDC), <b>Dr Sasha Koo-Oshima</b> (FAO), <b>Dr Robert Holmer</b> (XU-PUVeP), and <b>Mr Prakash Kumar</b> (SEI/UNICEF-India).
16.50	Summing up

For further information contact Dr. Håkan Jönsson at [hakan.jonsson@sei.se](mailto:hakan.jonsson@sei.se)