

2007 国际生态卫生大会
生态卫生与环境友好型社会建设
International Conference on Sustainable Sanitation
Eco-Cities and Villages

东胜，内蒙古，中国
2007年8月26 - 29日
会后游览与培训班，8月30 - 31日

Dongsheng, Inner Mongolia Autonomous Region, China
26 – 29 August 2007
Post-conference excursion and workshop on 30 and 31 August

大会议程

Conference Programme



2007 INTERNATIONAL CONFERENCE
ON SUSTAINABLE SANITATION
国际生态卫生大会

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生态卫生与环境友好型社会建设
**International Conference on Sustainable Sanitation
Eco-Cities and Villages**

Scientific Committee

- Li Hengyuan, ACEF
- Zhu Anqing
- Gao Jixi
- Zhang Huiyuan
- Lin Yusuo
- Arno Rosemarin, EcoSanRes Programme (Sweden)
- Bekithemba Gumbo, WaterNet (Zimbabwe)
- Christine Werner, GTZ (Germany)
- Dan Lapid, CAPS (Philippines)
- David Kuria, Practical Action (Kenya)
- Elisabeth Kvarnström, VERNA Ecology and EcoSanRes (Sweden)
- Elisabeth von Munch, UNESCO-IHE (Netherlands)
- Gert de Bruijne, WASTE (Netherlands)
- Günter Langergraber, Universität für Bodenkultur Wien (Austria)
- Håkan Jönsson, SLU and EcoSanRes (Sweden)
- Jan-Olof Drangert, Linköping University (Sweden)
- Peter Morgan, Aquamor (Zimbabwe)
- Ralf Otterpohl, TUHH (Germany)
- Ron Sawyer, Sarar Transformacion SC (Mexico)
- Thor Axel Stenström, SMI and EcoSanRes (Sweden)
- Zhu Qiang, Gansu Research Institute for Water Conservancy (China)

Sponsors

- Sida (Swedish International Development Cooperation Agency)
- China State Environmental Protection Administration
- Government of Inner Mongolian Autonomous Region
- China Ministry of Construction

Supporting Organizations

- China National Development and Reform Commission
- China Ministry of Health
- China Ministry of Science and Technology
- China Ministry of Agriculture
- China National Tourism Administration
- China Water Supply Association
- China Red Cross Society

Organisers

- Erdos Municipality
- All-China Environment Federation
- Stockholm Environment Institute

Co-Organiser

- GTZ (German Agency for Technical Cooperation)



International Conference on Sustainable Sanitation Eco-Cities and Villages

Dongsheng, Inner Mongolia Autonomous Region, China
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2007 INTERNATIONAL CONFERENCE
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Post-conference excursion and workshop on 30 and 31 August

Conference Programme

26 AUGUST: Arrival, Registration and Reception

14.00-
20.00 Arrival & Registration

18.00-
20.00 Reception at Holiday Inn

27 AUGUST: Opening and Keynote Speeches, Plenary Panels

07.30-
18.00 Registration

**08.30-
09.30 Opening Ceremony: (DS Government Auditorium)**
Chair: Mme Yang Hongyan, Deputy Mayor of Erdos Municipality

08.30-
08.35 Opening and Introduction – Mme Yang Hongyan, Deputy Mayor of Erdos

08.35-
08.50 Welcome Address - H.E. Hao Yidong, Vice Chairman of the Inner Mongolia Government

08.50-
09.00 Opening Remarks - H.E. Wang Tiehong, Chief Engineer of the Ministry of Construction

09.00-
09.10 Opening Remarks - H.E. Wu Xiaoqing, Vice Minister of State Environmental Protection Administration

09.10-
09.20 Opening Remarks - Gunilla Brattberg, Director of EcoSanRes Programme, SEI; also on behalf of the Swedish Ambassador Mikael Lindström, Government of Sweden

09.20-
09.30 Opening Address - H.E. Han Qide, Vice Chairman of the National People's Congress (NPC) of China

09.30-
10.00 *COFFEE/TEA*

**10.00-
11.40 Plenary Keynote Speeches (DS Government Auditorium)**
Chairpersons: Zeng Xiaodong, Vice Chairman & Secretary-General, ACEF;
Anna Tufvesson, Sida, Sweden

10.00-
10.20 Mr. Du Zhi, the Mayor of Erdos City

10.20-10.40	Mr. Yang Jike, Honorary Chairman of the China Zhi Gong Party
10.40-11.00	The Right Honourable Maria Mutagamba, Minister of Water and Environment, Uganda
11.00-11.20	Mr. Zhao Baojiang, Former Vice-Minister of Construction; Chairman of the Chinese Association of Urban Planning
11.20-11.40	The Right Honourable Dr. Raghuvansh Prasad Singh, Minister of Rural Development, India
11.40-12.00	<i>CONFERENCE PHOTO</i>
12.00-13.30	<i>LUNCH</i>
14.00-15.00	Plenary Panel Session: China in Focus. (DS Government Auditorium) Chair: Li Hengyuan, Vice Secretary-General, All China Environment Federation (ACEF)
14.00-14.10	Leader of Dongsheng District Government, "Ecological construction, environmental protection and sustainable development in Dongsheng"
14.10-14.20	Ms. Sun Lixia, Director DPO, Dongsheng District Government, "Introduction to the Sino-Sweden Erdos Eco-town Project"
14.20-14.30	Mr. Ren Yuling, Adviser to the State Council, Member of the Standing Committee of CPPCC.
14.30-14.40	Mr. Guo Wei, Director General of Rural Economy, Research Division of State Council, "Exploring the 'Building a New Countryside' in China"
14.40-15.00	Mr. Zhu Guangqing, Deputy Director General, Department of Ecology, SEPA, "The trend and development of the environmental protection and sustainable development in China"
15.00-15.15	<i>COFFEE/TEA</i>
15.15-16.30	Plenary Panel Session: International Progress in Ecological Sanitation (DS Government Auditorium) Chair: Dr. Arno Rosemarin, EcoSanRes Programme, Stockholm Environment Institute
15.15-15.25	Mr. Lin Jiang, Secretary-General, Guangxi Committee of the Jiu San Society, "Suggestion for Developing the Platform for International Cooperation on Sanitation in China"
15.25-15.35	Mr. Dan Lapid, Director, Centre for Advanced Philippine Studies, Philippines, "Sanitation and ECOSAN Developments in the Philippines and South East Asia"
15.35-15.45	Mr. M. Subbaraman, Director Society for Community Organization and Peoples Education (SCOPE), Tamil Nadu, India, "Sustainable Sanitation in South Asia"
15.45-15.55	Dr. Themba Gumbo, Director WaterNet, "A Decade of Experience in Ecological Sanitation: Case Studies in Sub-Saharan Africa"
15.55-16.05	Mr. Ron Sawyer, Director SARAR Tranformacion, Mexico, "From TepozEco to Sarar: Lessons from an Ecosan Pilot Project in Transition"
16.05-16.15	Professor Thor Axel Stenström, Stockholm Environment Institute, "WHO Guidelines on Safe Reuse of Human Excreta and Greywater"

16.15- 16.30	Questions and Discussion
16.30- 21.00	Tour and Conference Banquet
16.30- 17.30	Bus to Genghis Khan Mausoleum
17.30- 19.00	Tour of Mausoleum
19.00- 21.00	Welcome Banquet hosted by the Erdos City Government. Welcome Speech, Mr. Yun Feng, the Party Secretary of the Erdos City
28 AUGUST: Site Visit and Parallel Sessions	
08.00- 12.00	Visit to the China-Sweden Erdos Eco-town Project Site (HaoZaoKui). Organized in three groups.
12.00- 13.30	<i>LUNCH</i>
14.00- 15.30	Parallel sessions
14.00- 15.30	Meeting Room I: Ecosan in Focus Chair: Gunilla Brattberg
14.00- 14.20	Dry Ecological Sanitation Alternative in Tanzania. Alfred Shayo , Environmental Engineering and Pollution Control Organization (EEPCO), Dar Es Salaam, Tanzania.
14.20- 14.40	Sustainability Assessment on Ecological Sanitation (Ecosan) System for Low-Income Areas in Indonesia. Almy Fithriana Malisie , Institute of Municipal and Industrial Wastewater Management, Technische Universität Hamburg-Harburg, Germany
14.40- 15.00	Challenges on Popularizing Ecological Sanitation Technology in Sri Lankan Culture. Deepthi Upul Sumanasekera , National Water Supply and Drainage Board, Sri Lanka
15.00- 15.20	Potential, challenge, and strategy of ecosan development in China. WANG Rusong , Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, China
14.00- 15.30	Meeting Room II: Rural Sanitation Chair: TBA
14.00- 14.20	Closing De Loop: Promoting the Use of Dry Toilet and Human Excreta to Save Water and Produce Food at Family Level in Rural Mexico. Alberto Ysunza-Ogazón , Instituto Nacional de Ciencias Médicas y Nutrición, Mexico
14.20- 14.40	From Food to Food- Rural Sustainable Sanitation. Amrik Kalsi , sustainabilityAFRICA, Nairobi, Kenya
14.40- 15.00	Ecosan Model Village -- an integrated benefit analysis of a village based ecosystem. LI Lingling and LIN Jiang , Chinese Association of Ecology, China
15.00- 15.20	Investigation and evaluation of the current status of household usage of sanitary toilet in villages of Shaanxi Province. LI Zifu and LI Weifei , Department of Environmental Engineering, Beijing University of Science and Technology, Beijing, China

14.00-15.30	Meeting Room III: Gender, Health, Education	Chair: Elisabeth von Muench
14.00-14.20	The Gender Sensitivity and Health Risk Potential of Ecological Sanitation (ecosan) in Zimbabwe: A Case Study of Marondera Rural District. Edward Guzha , Mvuramanzi Trust / RAINCOSAN Consultancy pvt. Ltd, Harare, Zimbabwe	
14.20-14.40	A Comparative Study Evaluating the Health Outcomes of Sanitation, Water and Hygiene Education in eThekweni Municipality, Durban, South Africa. Renuka Devi Lutchminarayan , eThekweni Municipality, Durban, South Africa	
14.40-15.00	WASH in Schools: a Holistic Action on Better Hygiene Behavior and Healthy Environment in Kerala, India. Roy Kunjappy , Centre for Community Health Research, Sadanathil bungalow, Vettikavala, Kottarakara, India	
15.00-15.20	The importance of education and training in ecosan projects. XU Zhe , Institute of Energy and Environment, Academy of Agricultural Planning and Design, Ministry of Agriculture, China	
14.00-15.30	Meeting Room IV: Management	Chair: TBA
14.00-14.20	Role of Informal Solid Waste Management Sector and Possibilities of Integration: the Case of Amritsar City, India. Kiran Sandhu , Guru Ramdas School of Planning, Guru Nanak Dev University, India	
14.20-14.40	Pro-Poor Sanitation and Water Initiatives in Kathmandu Valley. Roshan Shrestha , Water for Asian Cities Programme, UN HABITAT–Nepal, Kathmandu, Nepal	
14.40-15.00	Adopt the concept of ecological sanitation, promote the construction of eco-toilets. PAN Xunchang , Institute for Environment Hygiene and Health Related Product Safety, Chinese Center for Disease Control and Prevention, Beijing, China	
15.00-15.20	Sustainable household wastewater treatment in cities and villages. LIU Shunyan , Division of Environment Sanitation Management, Jinghua City; Zhejiang Institute of Eco-toilet, Zhejiang Province, China	
15.30-16.00	<i>COFFEE/TEA</i>	
16.00-17.30	Parallel sessions	
16.00-17.30	Meeting Room I: Ecosan in Focus	Chair: TBA
16.00-16.20	Assessing People's Attitudes and Perceptions on Human Waste: A Social Acceptability Research in Barangay Ithan, Binangonan, Rizal, Philippines. Kevin Serrona , Department of Science, Technology and Environment, Graduate School of International Cultural Studies, Tohoku University, Japan.	
16.20-16.40	Research and application of ecological sanitation system in villages and towns in suburb Beijing. WANG Huansheng , Beijing Municipal Research Institute of Environmental Protection, Beijing, China	
16.40-17.00	A few thoughts on the application of ecosan system in tourist areas. ZHANG Ling and HUANG Changbin , Institute of Microbiology, Chinese Academy of Sciences, China	
17.00-17.20	Overview of ecosan technology development in rural China in the past decade. WANG Junqi , Chinese Center for Disease Control and Prevention, China	
16.00-	Meeting Room II: Urban Sanitation	Chair: Dan Lapid

17.30	
16.00-16.20	The Study on Ecological Sanitation Systems in Dar-Es-Salaam, Tanzania. Anesi Mahenge , University of Dar es Salaam, Tanzania
16.20-16.40	Bayawan City Adopts Ecosan as a Tool in Health and Environmental Management. German Jr. Saraña , City Mayor's Office, City Hall, Bayawan City, Province of Negros Oriental, Philippines
16.40-17.00	Application of ecological and conventional sanitation system in cities and towns in northern China. ZHOU Lv and LI Jian , Department of Environmental Sciences and Engineering, Tsinghua University, Beijing China
17.00-17.20	Policy and measure considerations for application of ecological sanitation system (source separation) in urban area of north China. LI Jian and ZHOU Lv , Department of Environmental Sciences and Engineering, Tsinghua University, Beijing, China
16.00-17.30	Meeting Room III: Composting Chair: Thor Axel Stenström
16.00-16.20	Household-Level Composting: Linking Urban and Peri-Urban Agriculture to Medicinal Plant Cultivation and Environmental Sanitation: An Experimental Study Carried-Out in Fako Division South West Province, Cameroon. Ndjonguem Tuma Clement Pierre , "SAVE THE NATURE" NGO, Cameroon
16.20-16.40	Assessing the Effect of Human Urine in Composting. Pragya Shrestha , Environment and Public Health Organization (ENPHO), New Baneshwor, Kathmandu, Nepal.
16.40-17.00	Composting and Solarization Applied in Sanitization of Anaerobic Sewage Sludge Used as Substrate for Senna Siamea Lam Seedlings Production. Ronaldo Faustino , Federal University of Pernambuco, Department of Civil Engineering, Laboratory of Environmental Sanitation, Brazil
17.00-17.20	Organic solid waste composting and its application in soil fertilization. LI Ji , Department of Ecological Science and Engineering, School of Resource and Environment, China Agriculture University, Beijing, China
16.00-17.30	Meeting Room IV: Agro reuse Chair: TBA
16.00-16.20	Human Excreta And Food Security In South Africa. Lorimer Austin , CSIR Built Environment Unit, South Africa
16.20-16.40	Dry Toilet Compost and Separated Urine as Fertilisers – Reflections to Legislation and Agricultural Practices in Finland. Eeva-Liisa Viskari , Tampere Polytechnic, University of Applied Sciences, Environmental Engineering, Finland
16.40-17.00	Rural environmental protection in China: progress, challenge, and strategy. ZHANG Huiyuan and WANG Xiahui , Department of Ecological Environment, Academy of Environmental Planning, SEPA, China
17.00-17.20	Ecosan -- new concepts of sustainable nutrients management. MA Wenling , Beijing University of Civil Engineering and Architecture, Beijing, China
17.30-18.00	Poster Session
1	Sustainability of Cities and Villages: An Initiative in Bangladesh. A. K. M. Shirajul Islam , Bangladesh Association for Social Advancement(BASA), Bangladesh
2	Factors Affecting the Success or Failure of Large-Scale Composting Facilities in Mexico. Ana Cordova , Instituto Nacional de Ecología, Mexico

3	Kumasi: The Making of a Big City - A Future without Water? Benjamin Gyampoh , Kwame Nkrumah University of Science and Technology, Ghana
4	Using Urine for Sustainable Production of Yam (<i>Dioscorea</i> spp) in Côte d'Ivoire. Kini Bernard Comoe , Centre Régional pour l'Eau Potable et l'Assainissement à faible coût, Côte d'Ivoire
5	Rural Sanitation in Lao PDR: Simplicity Increases Reuse and Sustainability. Daniel Livingston , ADRA, Laos
6	Comparative Analysis: "Co-Composting of Garden Refuse (Grass) and Human Faeces, Cow Dung and Droppings with Male and Female Urine", "The Effect of Compost of Human Faeces with Grass and Synthetic Fertilizer on the Growth of Zea Mays" and "The Effect of Female Urine on the Growth of Amaranthus and Zeamays". Edna Chukwura , Nnamdi Azikiwe University, Nigeria
7	Sustainable Environmental Protection Through Theatre: an Evaluation of Theatre for Environment Experiments in Nigeria. Emmanuel Samu , Department of Theatre Arts, University of Abuja, Nigeria
8	Performance of the First Community Managed Constructed Wetland in Nepal. Shirish Singh , Institute for Sanitary Engineering and Water Pollution Control, University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria
9	Alternative Approaches to Management of Excreta: an Assessment of the Factors That Have Led to Household Choice and Adoption of Ecological Sanitation in Wajir. Julie Mulonga , Kenya Water Institute, Nairobi, Kenya
10	WAB - Environmental Education Activity Centre, Beijing - LIVE THE DREAM! Ina Jurga , Western Academy of Beijing (WAB), China
11	Making Sanitation Sustainable and Attractive for the Rural Poor. Mosleh Uddin Sadeque , Institutional Development Services Linkage (IDSL), Bangladesh
12	Institutionalizing Effective and Sustainable Municipal Solid Waste Management (MSWM) in Urban Nigerian-Pilot Project in Minna, Niger State Capital, Nigeria. Mustapha Zubairu , Centre for Human Settlements and Urban Development, Federal University of Technology, Nigeria
13	Application of 'Material Flow Analysis' as a Tool for Better Management of Organic Solid Waste Treatment Plant in Cau Dien – Hanoi. Nguyen Kim Thai , University of Civil Engineering, Center for Environmental Engineering of Towns and Industrial Areas (CEETIA), Vietnam
14	Composting for Wealth and Sustainable Development in Enugu, Nigeria. Smart Uchegbu . Department of Urban and Regional Planning, University of Nigeria (Enugu Campus), Nigeria
15	Ecosan in an Urban Context: a Case Study from Bangalore, India. Vishwanath Srikantaiah , Rainwater Club, Bangalore, India
18.00-19.30	Dinner
19.30-22.00	Entertainment/Cultural show
29 AUGUST: Parallel Sessions and Closing Plenary	
08.30-10.00	Parallel sessions
08.30-10.00	Meeting Room I: Urban Sanitation Chair: Ron Sawyer
08.30-	AproSanidad Melaque: a Pilot Towards the implementation of a Large Scale Urban Ecosan Utility.

08.50	Juan Jose Del Toro Madrueño , AproSanidad Melaque, A.C. (AMAC), Mexico
08.50-09.10	GIS Applications in Classifying Urban Centres in Sri Lanka to Introduce Appropriate Alternative Waste Water Management and Ecological Sanitation Systems. L.H.Indrasiri , Information Systems & GIS, Urban Development Authority, Sri Lanka
09.10-09.30	Mixed Sanitation Solutions for Sustainable Urban Environment in Kenya: from Concepts to Reality. David Kuria , Practical Action – Kenya, Nairobi, Kenya
09.30-09.50	Research on regional ecological benefit of the ecosan technology: a scenario analysis based on cities in Loss Plateau of China. ZHOU Chuanbin , State Key Lab for Urban and Regional Ecological Research, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, China
08.30-10.00	Meeting Room II: Rural Sanitation Chair: Gert de Bruijne
08.30-08.50	Ecological Sanitation for Chepangs in Nepal. Binaya Raj Shrestha , Practical Action–Nepal, Kathmandu, Nepal
08.50-09.10	Ecological Sanitation in Rural Armenia. Emma Anakhasyan , Armenian Women for Health & Healthy Environment (AWHHE), Yerevan, Armenia
09.10-09.30	Potentials and Challenges in Ecological Sanitation in the Northern Areas (Baltistan) of Pakistan. Bahahdar Nawab , Department of Environmental Sciences, COMSATS Institute of Information Technology, Abbottabad, Pakistan
09.30-09.50	Experience and lessons of promoting urine diversion dry toilet in the Dianchi drainage basin. LIU Liping , Yunnan Institute of Environmental Sciences, Kunming, China
08.30-10.00	Meeting Room III: Sanitation Planning Chair: TBA
08.30-08.50	Sustainability and Credibility of Addis Ababa's Eco-City Projects in Addressing the City's Environmental Concern. Tsion Lemma , Addis Ababa City Government, City Manager's Office, Urban Planning Preparation and Inspection Department, Ethiopia
08.50-09.10	An investigation report on the pig streptococcus epidemic and biogas construction in Yanjiang District, Ziyang, Sichuan. Zhen Shixuan , Institute of Biogas Science, Ministry of Agriculture, China
09.10-09.30	Ten models of new countryside ecological sanitation development in Nanning City. ZHOU Yunxin , Nanning Environmental Protection Bureau, Nanning, Guangxi, China
09.30-09.50	Eco-community - the Host of Ecological Sanitation. GAO Jixi , Institute of Ecology, Chinese Academy of Environmental Research, Beijing, China
08.30-10.00	Meeting Room VI: Sustainability Chair: TBA
08.30-08.50	Capacity Development Towards Effective Faecal Sludge (FS) Management in Urban Areas of Low-Income Countries. Andrews Nkansah , University of Loughborough, UK
08.50-09.10	Attitudes and Sustainability: Myths and Realities. Ezatollah Karami , Department of Agricultural Extension, College of Agriculture, Shiraz University, Iran
09.10-09.30	Serving eco-city development in Shanghai: building a modern and ecological Chongmin Island. HUANG Shenfa , Shanghai Research Academy of Environment Science, Shanghai, China
09.30-09.50	Practice and reflection on Eco-city Construction in Yangzhou City. XU Hongxi , Environmental Protection Bureau of Yangzhou City, Yangzhou, Jiangsu, China

10.00-10.30	<i>COFFEE/TEA</i>	
10.30-12.00	Parallel sessions	
10.30-12.00	Meeting Room I: Urban Sanitation	Chair: TBA
10.30-10.50	Ecosan in Ouagadougou: Sustainable Sanitation Supporting Decentralisation and Community Empowerment. Anselme Vodounhessi , CREPA, Coordinator Projet Ecosan_UE, Ouagadougou, Burkina Faso	
10.50-11.10	Ecological Sanitation in Bangladesh. M. Habibur Rahman , Department of Civil Engineering, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh	
11.10-11.30	Challenge and business opportunity of wastewater treatment in China. CHEN Qin , Beijing South-North Institute for Sustainable Development, Beijing, China	
11.30-11.50	Comparative study of the vacuum source separation sanitation system and the conventional sewage system in urban residential area. WANG Jun and JIA Haifeng , Tsinghua University, Beijing, China	
10.30-12.00	Meeting Room II: Rural Sanitation	Chair: Günter Langenbrader
10.30-10.50	Puzhehei Upper Watershed Eco-Sanitation Project - Overview, Experience and Lessons. Henry Voigt , Yunnan Environmental Protection Bureau (YEPB), Kunming, China	
10.50-11.10	Ecological Sanitation in Yuvientsa - Amazonian Region of Ecuador. Jenny Aragundy , Ecuador	
11.10-11.30	The Importance of Delivering the Right Educational Message: An Anthropological Study About Ecosan Toilets in the Bolivian Andean Region. Leonardo Sanabria , Land and Water Bolivia Ltd, Bolivia	
11.30-11.50	Current state of rural water environment in drinking water sources and response strategy in Western Sichuan Province. SHI Beilei and MA Rong , Sichuan Chengdu Urban River Research Association; Department of Environmental Sciences and Engineering, Sichuan University, Chengdu, China	
10.30-12.00	Meeting Room III: Agro-reuse	Chair: Ralf Otterpohl
10.30-10.50	Bio-Solid Recycling in Warm Climates: Cairo and Alexandria Sludge Reuse Studies. Ezzat El-Lateef , National Research Centre, Agriculture Division, Cairo, Egypt	
10.50-11.10	Evaluation of Human Urine as a Source of Nutrients for Selected Vegetables and Maize under Tunnel House Conditions in the Eastern Cape, South Africa. Pearson Mnkeni , Department of Agronomy, Faculty of Science and Agriculture, University of Fort Hare, South Africa	
11.10-11.30	A Farmer Approach Is Needed to Ensure a Sustainable and Hygienic Use of Human Excreta in Agriculture in Vietnam. Pham Duc Phuc , National Institute of Hygiene and Epidemiology, Vietnam	
11.30-11.50	Turning Urban Wastes into Wealth: Ecological and Public Health Implications of Use of Waste Water and Organic Waste in Urban and Peri-Urban Agriculture in Zaria Urban Area, Nigeria. Sani Mashi , Department of Geography, University of Abuja, Nigeria	
10.30-12.00	Meeting Room VI: Composting	Chair: Christine Werner
10.30-	Study on the Use of Urine from Eco-Toilets in Agricultural Farming and Co-Composting with Solid	

10.50	Waste. K. S. Lokesh , Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, Karnataka, India
10.50-11.10	Composting of Municipal Solid Wastes in Sri Lanka: Experiences from Colombo Municipality Area. Mohamed M.M. Aheeyar , Hector Kobbekaduwa Agrarian Research & Training Institute, Colombo, Sri Lanka
11.10-11.30	Compost for Food Security and Mitigation Measure to Environmental Sanitation Degradation. Nabalema Carolyne Esther , Katosi Women Development Trust, Kampala, Uganda
11.30-11.50	Effect of Vermicomposting on the Presence of Helminth Ova (<i>Necator americanus</i> , <i>Trichuris trichiura</i> , <i>Ascaris lumbricoides</i>) in Human Feces. Michael Z. Nuesca , Xavier University College of Agriculture, Cagayan de Oro City, Philippines.
12.00-13.30	<i>LUNCH</i>
14.00-15.30	Parallel sessions
14.00-15.30	Meeting Room I: Urban Sanitation Chair: TBA
14.00-14.20	Resource Recovery and Utilisation of Bioorganic Waste (BMW) - an Integrated Element of an Ecologically Sound and Sustainable City Development in China. Bernhard Raninger , Institute of Clean Energy & Environmental Engineering (ICEEE), Key Laboratory for Clean Energy (LNKLCE)., Hangkong University, Shenyang, China
14.20-14.40	Acceptability and Perceptions of EcoSan in Poor Urban Set-Up in Rwanda: the Case of Butare Town. Jean Claude Mugunga , Rwanda Village Concept Project (RVCP). Faculty of Medicine, National University of Rwanda, Butare, Rwanda
14.40-15.00	Ecological Sanitation within GTZ's Main Building in Eschborn: a Demonstration and Research Project. Sören Rüd , ecosan program, Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH, Eschborn, Germany
15.00-15.20	Necessity and feasibility of implementing ecosan system in China's urbanization. ZHANG Jian , EnviroSystems (Beijing), China
14.00-15.30	Meeting Room II: Rural Sanitation Chair: Themba Gumbo
14.00-14.20	CREPA in the Process of Scaling-Up Ecological Sanitation in West and Central Africa. Linus Dagerskog , CREPA, Ouagadougou, Burkina Faso
14.20-14.40	Greywater Use for Agricultural Irrigation in Urban and Peri-Urban Areas. Lumka Patience Salukazana , University of KwaZulu-Natal Durban, South Africa
14.40-15.00	Application of Ecological Sanitation and Permaculture Techniques: Food and Water Security for Indigenous Tribes and Rural Areas in Brazil. Paula Loureiro Paulo , Universidade Federal de Mato Grosso do Sul – UFMS, Brazil
15.00-15.20	From Nothingness to Sustainable Sanitation Approaches in Two Rural Growth Centers in SW Uganda: Situation, Approach, Experiences and Current Status. Victoria Abu Atukunda , Directorate of Water Development, Water and Sanitation Development Facility, Uganda
14.00-15.30	Meeting Room III: Technology and Planning Chair: TBA
14.00-14.20	Plan China Model of Total Sanitation. Prakash Kumar , WES Consultant, Plan China, Xi'an, China

14.20-14.40	Integrated Eco-Village Model for Sustainable Construction. Tag Elsir Basheer Abdalla , National Commission of UNESCO/Cousteau Ecotechnie Chair (UCEC) Of Computer Man College (CMC), Khartoum, Sudan
14.40-15.00	Impacts of agricultural non point source pollution on eco-environment and mitigation strategies: A case of Ningxia Autonomous Region. AN Weizhong , Ningxia Environment Federation. Yinchuan, Ningxia, China
15.00-15.20	Phosphorus rock. How long will the affordable global reserves of phosphorus last? What is necessary to ensure a sustainable use and recycling of this limited and essential nutrient in our sanitation, solid waste and agricultural systems? Arno Rosemarin and Ian Caldwell , Stockholm Environment Institute, Sweden
14.00-15.30	Meeting Room VI: Ecosan in Focus Chair: David Kuria
14.00-14.20	Ecosanitation Concept in the Fergana Valley. Shahruh Ibragimov , Central Asian Alliance for Water Osh, Kyrgyz Republic
14.20-14.40	Ecological Sanitation: a hope for Sustainable Environmental Sanitation in Bangladesh. Mahmuda Begum Ranu , Baitul Aman Housing Society, Dhaka, Bangladesh
14.40-15.00	GTZ Supported Ecosan Projects in India. Christine Werner , ecosan program, Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH, Germany
15.00-15.20	Toward Establishing the China Node for Sustainable Sanitation: A Scoping Study. Guoyi Han . Stockholm Environment Institute, Sweden
15.30-16.00	<i>COFFEE/TEA</i>
16.00-17.30	Closing Plenary Session (DS Government Auditorium) Chairpersons: Mr. Wang Xuefeng, Party Secretary of the Dongsheng District Dr. Arno Rosemarin, EcoSanRes, Stockholm Environment Institute
16.00-17.00	Summary Panel & Discussion (by selected panelists)
17.00-17.15	Erdos Declaration (TBD)
17.00-17.30	Closing address by leader of Erdos City (TBD)
18.00-20.00	Dinner
20.30-23.00	Night Sightseeing of the city / Watch 'water screen' movie
30 AUGUST: Technical Excursions	
08.30-18.00	Routes (self-select): <ol style="list-style-type: none"> Singing Sand Ravine – EngGeBei Kangbashen New Area – Erdos Museum – Erdos Cashmere Group National processing base for the erosion control, fruit and medicinal shrub plant “sea-buckthorn” (<i>Hippophae rhamnoides</i>) Dongsheng Solid Waste Treatment Plant

31 AUGUST: Training Workshop

08.30-17.00 Erdos Eco-town Project 'Hands-on' Training Workshop organized by EcoSanRes, Stockholm Environment Institute(SEI) and the Dongsheng Project Office (see separate workshop programme)