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Knowledge Sharing for Urban Sustainability and Catching up to a Circular Economy

June 13-14, 2018

Speakers

Dr. Harris Andoh

The Ghana National Waste Management System: Characteristics and Challenges over the last 30 years



Dr. Harris Andoh is a Research Scientist with CSIR- STEPRI. He holds a PhD in Science and Technology Studies from the Centre for Research Evaluation, Science and Technology (CREST), Stellenbosch University, South Africa.

He specializes in the fields of science and technology evaluation; research evaluation; STI policy and world class research centres; bibliometric and research impact assessment. He made worked in the field of Solid Waste management is his past duties. This include collecting field data on solid waste management for the Ghana@50

lecturer on Environmental Management in Ghana. He has also led selected group of students from Scandinavia countries to the E-waste sites in Ghana and have made a presentation on Statistical Need for Effective Solid Waste Management in Ghana: A Driving Force-Pressure-State-Impact-Response (DPSIR) Framework”

He is a former Research Fellow with the United Nations University- Institute for Natural Resources in Africa (UNU-INRA) and a Seminar Leader for the Global Environmental Management Programme run by Kultursidier AS and the Oslo University College, Norway.

Mr. Manish Bhandari

Smart Interventions in MSW Collection & Transportation.

Mr. Manish has about ten years of experience in Municipal Solid Waste Management, decentralized sanitation and GIS. He has worked in number of urban projects which primarily involves preparation of detailed project reports, feasibility studies, due diligence reports, city sanitation plan, septage management plan, project management consultancy services, independent Engineering service PPP projects, interaction with the clients and stakeholders. Presently he is providing technical hand holding support to Centre for Public Health and Environmental Engineering Organisation (CPHEEO), a technical arm of Ministry of Housing and Urban Affairs, Govt. of India. As a SWM Specialist at CPHEEO, he is mainly involved in review of MSW management DPRs prepared under various





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missions/externally funded projects, policy frameworks at Centre level, review of progress of various centrally funded missions/programme.

Dr. Asel Doranova

Good practice examples from the former Soviet Union: Lessons from the past to move to a more circular future



Asel Doranova is a senior expert from Technopolis Group. She specialises in eco-innovation and green economy policies and studies sustainable business practices on micro level and eco-innovation and circular economy transition across all industrial sectors at macro levels. Asel has been supporting European and Asian policy makers and international development agencies on eco-innovation and circular economy issues through thematic policy studies, direct involvement in high level working groups, impact assessment and evaluation studies, monitoring of trends and developments.

Her earlier professional experience was related to development projects in Central Asia that focused on community empowerment, natural resource management and economic development.

She has an interdisciplinary educational background including a PhD in Economics and Policy studies of Technical Change from the United Nations University and Maastricht University, master's degrees in development studies (Uppsala University) and environmental sciences and policy (Central European University, Budapest).

Mr. Hennie van Eck

The Maastricht Vision and Strategy

Hennie van Eck is the senior policy officer for Waste Management of the Municipality of Maastricht. He is project manager of "Zero Waste Maastricht in 2030", in which the Municipality tries to reach the goal of 100% recycling of household waste in the year 2030. Hennie has a Ph Degree on social geography / physical planning (University of Nijmegen). He had worked with several local and regional authorities in the Netherlands. In Waste Management he has about 15 years of experience.





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Dr. Charalampos Fotakis

The true story of Athens (no mythology!)



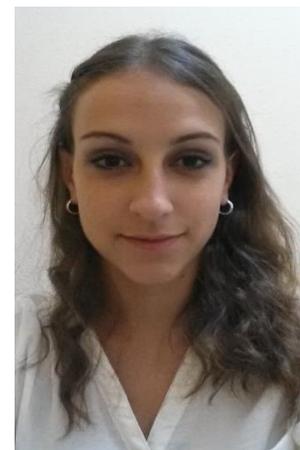
Dr. Fotakis (Chemist, Ph.D. in chemistry) is an administrative employee in the division of cleaning and recycling of the Municipality of Athens. He has worked as a Postdoctoral fellow of IBMCB in the National Hellenic Research foundation since 2013. He holds a diploma in Chemistry (2005), a M.Sc. diploma in Biophysical Chemistry (2007) and a Ph.D in Chemistry (2013) from the National and Kapodistrian University of Athens. Dr. Fotakis, has been working as a researcher in the fields of NMR based metabolomics at the National Hellenic Research Foundation since 2011. He has been involved in the tutoring/teaching of post graduate students for 6 years. His research field of interest comprise of A. Metabolomic profiling of food items (alcoholic beverages, olive oil, honey) by implementing HR NMR spectroscopy and Chemometrics; B. Structure elucidation of novel bioactive compounds from natural sources. C. Evaluation of the antioxidant activity of food items (alcoholic beverages, olive oil). He has a total of 25 publications and review articles in international scientific journals and more than 50 abstracts in international conferences; he has participated in 3 national and European competitive programmes.

Mrs. Melissa Benito Gragnani

Challenges to develop more efficient policies and partnerships for MSWM in São Paulo/Brazil

Melissa Benito Gragnani is an Architect and Urban Planner, M. Sc. in Public Policies and Human Development at the UNU-MERIT with experience in feasibility studies for Urban Operations, great scale projects and design for Public-Private Partnerships in the public sector.

Her experience includes Land Value Capture Instruments, Public Policy design and implementation, urban development and sustainability. She is currently working at São Paulo Parcerias, a public company for structuring Public Policies in partnership with the private sector.





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Prof. Dr. Hiroshan Hettiarachchi

Waste Management in the Light of Nexus Thinking



Hiroshan Hettiarachchi is a Civil Engineering Professor from the United States. He contributed to UNU-FLORES activities since 2013 and in 2014 he joined UNU-FLORES as the Head of Unit – Waste Management. He also took a leading role in establishing the UNU-FLORES PhD Program which is offered jointly with the Technische Universität Dresden, Germany, and was the Program Coordinator until 2016. Before joining UNU, Prof. Hettiarachchi previously served at the Lawrence Technological University, in Michigan, USA, where he held the position of Director of Civil Engineering Graduate Programs from 2010 to 2013. He was also a Visiting Professor at the University Calgary, Alberta, Canada in 2013.

Prof. Hettiarachchi's current research focus is mainly on sustainable management of solid waste and wastewater. His past research has resulted in number of publications covering geotechnical properties and behavior of soils and waste and settlement behavior of landfills.

Mr. Herman Huisman

The Chinese National Strategy and their past efforts and future evolution

Herman Huisman is senior advisor/expert and coordinator international projects of RWS Environment's department. The waste management department is the competent authority responsible for monitoring of all waste streams, executing subsidy schemes, policy advisor for State Government (preparing policy documents and National programs), implementing waste management and circular economy policies and providing information to local government and private companies.



An environmental biologist by training, Herman began his career at the Scientific Council for Government Policy, a think tank of the Prime Minister in the Netherlands. After seven years he was assigned to build up the Commission on Environmental Impact Assessment.

In 1991 he was asked to set up the Bureau of the Waste Management Council which served as a political platform for consultation and coordination between the National, Provincial and Municipal authorities on waste management in the Netherlands. In 2001 he was appointed as the executive secretary of the Council and managing director of the Bureau.

In 2005 the Bureau merged with NL Agency, an Agency of the Ministry of Economic Affairs. In 2013 the Environment Division of NL Agency was transferred to RWS, an Agency of the Ministry of Infrastructure and Environment.

In his position of international coordinator, he is/was involved and set up projects in Brazil, Bulgaria, Canada, China, Colombia, Czech Republic, Hong Kong, India, Iran, Jordan, Macedonia, Morocco, Myanmar, Poland, Romania, Tanzania, Turkey, Saudi Arabia, Serbia,



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South Africa, Uganda, Ukraine, USA and UAE, and was invited as speaker to many International Conferences.

Prof. René Kemp

Systemic engagements to transition towards a circular economy



René Kemp is Professorial fellow at UNU-MERIT and Professor of Innovation and Sustainable Development at ICIS, Maastricht University. Formerly he was research director of STEP in Oslo and visiting researcher at IPTS (Seville), Harvard (Boston), Foscari University (Venice), SPRU (Sussex) and CIRUS (Zurich). He held research positions at DRIFT, TNO and Twente University. René Kemp is well-known for his work on eco-innovation, environmental policy, strategic niche management and transition management – on which he authored numerous articles and books. His research interests are

environmental policy and technical change, technological transitions, innovation policy, evolutionary theories of technical change and reflexive governance. He is member of the scientific board of ARTEC in Bremen, RIDE in Gothenburg and sits in the NWO programme committee on interdisciplinary energy research. He is editor of the Springer book series "Sustainability and Innovation", and advisory editor of *Research Policy*. For the Dutch government he developed the model of transition management together with Jan Rotmans and for the Environment Council (=meeting of EU Environment Ministers) of July 2004 he wrote a policy note on strategies for eco-efficient innovation, which fed into the Council's conclusions.

Dr. Sanae Okamoto

Understanding and changing behaviour through the behavioural science ('Nudge') approach -applications that can contribute towards a circular economy?

Dr. Sanae Okamoto is Director for Asian Affairs at University Industry Innovation Network (UIIN) and Researcher at the Faculty of Psychology and Neuroscience at Maastricht University. She is a behavioural scientist with background in psychology and behavioural economics with an extensive knowledge in nudge strategies. Her early research career focused on social dynamics in chimpanzees in laboratory settings at the Primate Research Institute, Kyoto University, Japan; the Max Planck Institute for Evolutionary Anthropology, Germany; the Cognitive Evolution Group, University of Louisiana at Lafayette, USA; and the field sites in Republic of Guinea and Republic of Liberia.



She has master's degree in Psychology from Nagoya University, Japan and has PhD in Psychology from Maastricht University, the Netherlands. She has also several years of business experience in Japan and the Netherlands (intellectual property law administration



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and marketing research). She has taught behavioural economics, decision science, neuroeconomics, and psychology as an assistant professor at the School of Business and Economics, Maastricht University. As an experimental psychologist with an original passion in primatology, her interests now mainly lie in applying behavioural sciences to understand human behaviour and nudge it towards diverse objectives such as sustainability, organizational change, stakeholder engagement - by providing workshops and seminars for various practitioners such as policy makers, universities, and SMEs.

Mr. Filip Piotrowski

Polish household solid waste source separation program - official data vs research



Filip Piotrowski is a researcher at the Department of Urban and Population Studies IGSO PASc. He holds an MA in Sociology from Warsaw University. His research so far was focused on environmental sociology, new institutionalism, crisis management and visual sociology. His current interests also include introduction of a deposit system and zero waste movements. He is also the vice president of the Polish Zero Waste Association.

Dr. Raja Venkataramani

Policy in Action: Intent and Reality (Experience Sharing in the Indian Context)

Dr. Raja Venkataramani works with Central, State, and Local Governments in assisting them in taking forward their reform agenda for strengthening governance and service delivery improvements. He has led major nationwide and regional initiatives in India covering programme management, PPP transaction advisory, and capacity building/institution development focused on urban development and management issues. He works both at policy and project levels with special interest in solid waste management and sanitation. Raja has worked with several funding agencies and Development Support



Institutions including the World Bank, Asian Development Bank, JICA, and DFID. Education: Ph.D from The Centre for East Asian Studies, Jawaharlal Nehru University, New Delhi; M.A. in International Relations with specialisation in International Management from the International University of Japan; B.A. (Hons.) In Economics from University of Delhi.

Ongoing work in SWM: (a) identification and structuring of projects integrating sewerage, decentralised faecal sludge management(FSM) and solid waste management solutions for designated heritage zones in the ancient city of Srinagar, capital of the state of Jammu & Kashmir (b) exploring waste to energy project options in the state of Karnataka.