

## CODIS 2008: Program

<b>Tuesday 26<sup>th</sup> February</b>	
16h00-19h30	Registration, welcome social ( <i>Hotel Ramada</i> )
<b>Wednesday 27<sup>th</sup> February: Composts and digestates quality</b>	
8h00-9h30	Registration
9h30-9h50	Welcome ( <u>Rolf Büttiker</u> , member of the council of States) <i>Room: Landhaussaal</i>
	<b>Session 1: The state of biogenic waste treatment in Switzerland and Europe</b> Chairman: Jacques G. Fuchs <i>Room: Landhaussaal</i>
9h50-10h10	The Swiss environmental policy and the use of biomass <u>Gérard Poffet</u> , Vice Director of the Federal Office for the Environment (FOEN, Switzerland)
10h10-10h30	Energy from biomass and related policy <u>Michael Kaufmann</u> , Vice Director of the Swiss Federal Office of Energy (SFOE)
10h30-11h00	Coffee break ( <i>Foyer Info-Desk</i> )
11h00-11h25	Development of biomass use in Europe Werner Bidlingmaier
11h25-11h40	Current knowledge on disease suppressive properties of composts Harry A. J. Hoitink, Brian B. McSpadden Gardener, and Sally A. Miller
11h40-11h55	Organic pollutants in compost and digestate: occurrence, fate and impacts <u>Thomas Kupper</u> , Rahel C. Brändli, Thomas D. Bucheli, Carine Stämpfli, Markus Zennegg, Urs Berger, Patrick Edder, Mandy Pohl, Fode Niang, Saverio Iozza, Josef Müller, Christian Schaffner, Peter Schmid, Sandra Huber, Didier Ortelli, Kristin Becker-van Slooten, Jochen Mayer, Hans-Jörg Bachmann, Franz X. Stadelmann, Joseph Tarradellas
11h55-12h00	Congress information
12h00-13h30	Lunch ( <i>Foyer Parterre</i> )

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Wednesday 27 <sup>th</sup> February: Composts and digestates quality	Session 2	
	Session 2.1. Aspects of compost quality Chairman: Peter Lechner <i>Room: Landhaussaal</i>	Session 2.2. Organic pollutants and heavy metals in organic waste products and feedstock materials Chairman: Thomas Bucheli <i>Room: Gemeinderatssaal</i>
13h30-13h55	Quality of Swiss composts - Interrelations of parameters characterizing agronomic quality <u>Jochen Mayer</u> , Urs Baier, Alfred Berner, Petra Koeppel, Konrad Schleiss, Jacques G. Fuchs	Input of organic pollutants to soil by compost and digestate application and their origin <u>Rahel C. Brändli</u> , Thomas D. Bucheli, Thomas Kupper, Markus Zennegg, Sandra Huber, Josef Müller, Peter Schmid, Urs Berger, Werner Stahel, Franz X. Stadelmann, Joseph Tarradellas
13h55-14h10	Humic acids – A quality criteria for composts <u>Erwin Binner</u> , Johannes Tintner, Katharina Meissl, Ena Smidt, Peter Lechner	Heavy metals and organic contaminants in Bavarian composts – an overview <u>Heinz Riedel</u> , Clemens Marb
14h10-14h25	A new analytical approach to determine compost quality <u>Katharina Meissl</u> , Ena Smidt, Johannes Tintner, Erwin Binner, Peter Lechner	Evaluating the Norwegian standard methods for the total and extractable heavy metal concentration in compost <u>Espen Govasmark</u>
14h25-14h40	Nitrogen – A harmful or a value-added compost property? <u>Ina Körner</u>	Determination of selected veterinary antibiotics and quaternary ammonium compounds in digestates of biogas plants in Austria <u>Oliver Gans</u> , Stefan Weiss, Andrea Sitka, Erwin Pfundtner, Christoph Scheffknecht, Sigrid Scharf
14h40-14h55	Quality parameters of compost amended with chitin <u>Jesper Luxhøj</u> , Pernille H.B. Poulsen, Jacob Møller, Jakob Magid	Determination of organic contaminants in composts and digestates in Baden-Württemberg, South-West Germany Jessica Stäb, Bertram Kuch, Silke Rupp, Klaus Fischer, Martin Kranert, <u>Jörg Wolfgang Metzger</u>
14h55-15h25	Coffee break ( <i>Foyer Info-Desk</i> )	

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15h25-15h40	Quality characterization of separated animal manure biosolids -key parameters important for composting and nutrient availability <u>Karin Jørgensen</u> , Lars S. Jensen	Positive and negative impacts of composting and/or anaerobic digestion of sewage sludge on soil, plant and water <u>Najat Amellal-Nassr</u> , Dominique Patureau, Laure Metzger, Christian Mougin
15h40-15h55	Utilization of separated animal manure bio-solids – opportunities for improved nutrient cycling and reduced environmental impacts, with Denmark as an example <u>Lars S. Jensen</u> , L., Jesper Luxhøi, Jakob Magid, Thorkild Birkmose, Karin Jørgensen	Final discussion of session 2.2
15h55-16h30	Final discussion of session 2.1	
16h30-16h45	Introduction to poster session 2.1,2.2, 3	Introduction to poster session 2.1,2.2, 3
16h45-18h00	Poster session 2.1, 2.2, 3 ( <i>Room: Säulehalle</i> )	

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Thursday 28 <sup>th</sup> February: Impacts of composts and digestates	
	<b>Session 3</b> <b>Influence of compost and digestate on soils properties</b> Chairman: Heribert Insam <i>Room: Landhaussaal</i>
8h30-8h55	Influence of composts and digestates on soil properties -Retrospect and outlook-? <u>Ena Smidt</u> , Katharina Meissl, Johannes Tintner, Erwin Binner, Peter Lechner
8h55-9h10	Influence of mid-term application of composts on chemical, physical and biological soil properties of agricultural soils in field trials of practical importance <u>Rainer Bolduan</u> , Berthold Deller, Rainer Kluge, Markus Mokry, Holger Flaig
9h10-9h25	Use of compost to improve soil properties and plant growth in saline soils <u>Johannes Biala</u> , Judith Raue, Cameron Smea, Brian Schafer
9h25-9h40	Long-term effects of biowaste compost fertilization on crop yield and nutrient supply, soil humus and nitrogen leaching <u>Eva Erhart</u> , B Putz, F. Feichtinger, Wilfried Hartl.
9h40-9h55	Effects of repeated waste compost fertilizations on soil and plants in a crop rotation field experiment in Finland <u>Tiina Tontti</u> , Ansa Palojärvi, Helvi Heinonen-Tanski, Arja Halinen, Päivi Karinen.
9h55-10h30	Coffee break ( <i>Foyer Info-Desk</i> )

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Thursday 28 <sup>th</sup> February	Session 4	
	Session 4.1. Influence of compost and digestate on plant growth and health Chairman: Harry Hoitink Room: Landhaussaal	Session 4.2. Input of pollutants to soil due to application of organic waste products / Implication for soil organisms and the food chain Chairman: Thomas Kupper Room: Gemeinderatssaal
10h30-10h55	Influence of compost and digestates on plant growth and health: potentials and limits: <u>Jacques G. Fuchs</u>	Organic Pollutants in Secondary Fertilizers <u>Werner Kördel.</u> ; Monika Herrchen
10h55-11h10	Compost: a promising vehicle for the inoculation of PGPR in agricultural soils? <u>Letizia Fracchia</u> , Elda B. Perotti, Alejandro Pidello, Maria G. Martinetti.	Effects of mid-term application of composts on agricultural soil in field trials of practical importance: Possible risks <u>Berthold Deller</u> , Rainer Kluge, Markus Mokry, Rainer Bolduan, Armin Trenkle
11h10-11h25	Crop nitrogen utilization source separated green/food compost <u>Paul Gibbs</u> , Brian Chambers, Gail Bennett, Peter Davies	Input of organic micro pollutants in soil through compost application: possible transfer to plants <u>Sabine Houot</u> , Violaine Brochier, Marjolaine Deschamps, Claire Lhoutellier
11h25-11h40	Control of <i>Rhizoctonia solani</i> in potatoes with a new application technique of suppressive composts in organic potato production Elmar Schulte-Geldermann, Christian Schüler, Oliver Hensel, Jürgen Heß, Maria R. Finckh, <u>Christian Bruns</u>	The safety of compost products <u>Merja Itävaara</u> , Minna Vikman, Anu Kapanen
11h40-12h00	Pause (Foyer Info-Desk)	
12h00-12h15	Effects of vermicompost-tea on plant growth and crop yield <u>Ines Fritz</u> , Sonja Haindl, Markus Pruckner, Braun Rudolf	Waste imprint on soil quality in a long-term urban fertilizer field trial <u>Pernille H.B. Poulsen</u> , Andreas de Neergaard, Jesper Luxhøi, Jakob Magid
12h15-12h30	Recycling of Organic Wastes into Vermicompost: Impact on Soil Health Yield and Quality of Tea <u>Suman Palit</u> , Bijoy C. Ghosh, Karan, A.K., Pranab Chatterjee, K. Murmu	PCB uptake by carrots after sludge and compost application Caroline Sablayrolles, Mireille Montréjaud-Vignoles, <u>Claire Vialle</u> , Jérôme Silvestre, Claire Lhoutellier, Maeleenn Poitrenaud
12h30-13h00	Final discussion of session 4.1, introduction to poster session 4.1	Final discussion of session 4.2, introduction to poster session 4.2

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<b>Thursday 28<sup>th</sup> February</b>	
13h00-14h30	Lunch ( <i>Foyer Parterre</i> )
14h30-15h30	Poster session 4.1, 4.2 ( <i>Room: Säulehalle</i> )
15h30-16h00	Coffee break ( <i>Foyer Info-Desk</i> )
	<b>Session 5</b> <b>„Effects of composts and digestates on ecosystems“</b> Chairman: Sabine Houot <i>Room: Landhaussaal</i>
16h00-16h25	Benefit of ecotoxicological tests for the characterization of composts <u>Kerstin Hund-Rinke</u> .
16h25-16h40	Effects of composted organic waste on ecosystems – a specific angle: The potential contribution of biowaste to tackle Climate Change and references to the Soil Policy. “ <u>Enzo Favoino</u> , Dominic Hogg
16h40-16h55	Role and importance of compost use in vegetable and other horticultural crops relative to sustainability <u>Robert Paulin</u> , Peter O'Malley
16h55-17h10	Substitution of peat with garden waste compost in growth medium preparation: a comparison from a LCA-modelling (EASEWASTE) perspective <u>Alessio Boldrin</u> , Thomas-Højlund Christensen
17h10-17h25	Bio-composting of organic solid wastes and it's role in the rebuilding of soil health <u>Ji Li</u> , Hefa Yang, Lina Liang, Zhi Xu, Logli Zhang
17h25-18h30	Final discussion of session 5
19h30-24h00	Aperitiv / Conference dinner ( <i>Säulenhalle</i> )

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<b>Friday 29<sup>th</sup> February: The science meets the practice</b>	
9h00-9h10	Welcome
	<p align="center"><b>Session P1: Needs and wishes of practitioners and authorities</b>            Chairman: Werner Bidlingmaier            Room: Landhaussaal</p>
9h10-9h30	Waste Policy at a Crossroad: How to balance contradicting factors - extreme material recycling, boom in energy use and the fear of pollutants <u>Hans-Peter Fahrni</u> (Federal Office for the Environment (FOEN, Switzerland))
9h30-9h50	Questions and needs from the composting industry <u>Andreas Röthlisberger</u> (Association of Swiss Compost and methanisation Plants, ASCP)
9h50-10h10	The energy industry and organic wastes Valentin Gerig (AXPO CH)
10h10-10h40	Coffee break ( <i>Foyer Info-Desk</i> )

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Friday 29 <sup>th</sup> February	<p align="center"><b>Session P2: Process management and product quality</b> Chairman: Konrad Schleiss <i>Room: Landhaussaal</i></p>
10h40-11h05	<p align="center">From substrate to application: microbes do the job <u>Heribert Insam</u>, Ingrid Franke-Whittle, Sabine Mayrhofer, Armin Hansel, Brigitte Knapp</p>
11h05-11h20	<p align="center">Pressure drop evaluation on air flow through compost mass in a forced aeration composting system with a revolving windrow. <u>Pedro V. Almeida</u>, Ana Silveira</p>
11h20-11h35	<p align="center">Comparison of different anaerobic treatment methods for biowaste with regard to potential of biogas production <u>Bernd Bilitewski</u>, Christina Dornack, I. Schneider, Antje Schnapke</p>
11h35-11h50	<p align="center">Recycled Organic Matter (ROM) Compost Quality: Chemical, Biological and Microbiological Traits. <u>William F. Brinton</u>, E. Evans, P. Storms, A. Underwood, C. Blewett</p>
11h50-12h05	<p align="center">Role of microorganisms during aging of vermicompost: disentangling the black box of vermicomposting. <u>Manuel Aira</u>, María Gómez-Brandón, Jorge Domínguez</p>
12h05-12h20	<p align="center">A novel vermicompost based formulation for bioinoculants with added plant and microbial growth promoting natural products <u>Alok Kalra</u>, Mahesh Chandra, Suman P.S: Khanuja</p>
12h20-12h35	<p align="center">New method for evaluation of impurities in compost <u>Maria Thelen-Jüngling</u></p>
12h35-14h00	<p align="center">Sandwich lunch / Poster session P1, P2, P3. (<i>Foyer parterre / Säulenhalle</i>)</p>

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<b>Friday 29<sup>th</sup> February</b>	<p align="center"><b>Session P3:</b>  <b>Use of composts and digestates : Choice of the product depending of utilization strategy and aim</b>  Chairman: Jochen Mayer  Room: Landhaussaal</p>
14h00-14h25	Use of compost and digestate: choosing the product depending on utilisation, strategy and aim <u>Konrad Schleiss</u> , Josef barth
14h25-14h40	Agricultural humus management using high quality composts <u>Stefanie Siebert</u> , Bertram Kehres
14h40-14h55	Paper sludge vermicomposts as amendments into the potting media of peppers ( <i>Capsicum annum L. var longum</i> ) <u>Cristina Lazcano</u> , Luis Sampedro, Rogelio Nogales, Jorge Domínguez
14h55-15h10	Waste Fermentation and Sand – no Problem? <u>Kirsten Schu</u>
15h10-15h40	Coffee break ( <i>Foyer Info-Desk</i> )
15h40-15h55	Comparison of energy recovery and utilization procedures of compost from green waste with regard to primary resources <u>Martin Kranert</u> , Gerold Hafner, Ralf Gottschall, Christian Bruns
15h55-16h10	Potentials and applicability of different biowaste treatment methods for solid fuel production <u>Bernd Bilitewski</u> , Matthias Schirmer, Daniel Schningnitz, Gaston Hoffmann
16h10-17h10	Round table discussion
17h10-17h15	Congress closing words
17h30-19h00	Farewell Social ( <i>Foyer Info-Desk</i> )