

DETAILED CONFERENCE PROGRAM

(as of Sept 18, 2014)

Tuesday, Sept 30, 2014

17:00-20:00	Registration
19:30-20:00	Opening Ceremony
	N. Kalogerakis & Th. Manios, Conference Co-chairs
	Stavros Arnaoutakis, Governor Region of Crete
	Nikolaos Nikolaidis, Vice-Rector Research TU-Crete
	Evangelos Kapetanakis, President TEI-Crete
	Jason White, IPS president
20:00-20:45	Plenary #1 (Gordon Award)
	Lee Newman: Speaker introduction
	Plenary #1: "From Phytoremediation to Phytomanagement" Michel Mench
20:45-22:15	WELCOME reception

Wednesday, Oct 1, 2014

8:00-8:30	Registration		
8:30-9:00	MINI plenaries	Attilio Toscano: Constructed Wetlands I&II	
		Olga Shuvaeva: Metals I&II	
		Jean-Paul Schwitzguebel: Organics I&II	
Session:	1A: CW I	1B: METALS I	1C: Organics I
Co-chairs:	Eugenia J. Olguín	Stanislaw Gawronski	Jim Germida
	Lou Licht	Alan Baker	Tomas Macek
9:00-10:30	[FP-208] Olive Oil Mill Wastewater Treatment in Constructed Wetlands Combined with Advanced Oxidation Processes. Loupasaki	[FP-286] Effect of Hyperaccumulator Plants and Associated Rhizobacteria on the Efficiency of Nickel Extraction. Rue	[FP-312] Proposed Methodology for Restoration of Uncontrolled Landfills in Insular Communities. Zorpas
	[FP-450] Reusing Constructed Wetland Effluents for Vegetable Crop Irrigation. Cirelli	[FP-468] Regulation of Copper Delivery to Plastocyanin via the PAA2/HMA8 Transporter. Pilon	[FP-130] Hydroponic Photobioreactors for the Removal of Toxic Organic Pollutants. Elisha Tel-Or
	[FP-350] Bioremediation of Benzene-Contaminated Groundwater with Pilot-Scale Constructed Wetlands. Mueller	[FP-155] Analysis of Selenium Accumulation, Speciation and Tolerance of Potential Selenium Hyperaccumulator <i>Symphyotrichum ericoides</i> . El Mehdawi	[FP-119] Full-Scale Remediation of Contaminated Sludge Using Plants - Investigations, Results and Experiences. Gerth
	[FP-453] Use of Constructed Wetland Planted with Halophyte for Domestic Wastewater Treatment. Fountoulakis	[FP-393] Tolerance Level of Douglas Firs (<i>Pseudotsuga menziesii</i>) Plantlets to Metallic Trace Elements. Saladin	[SP-111] Environmental Fate of PPCPs at a 2,000 Ha Municipal Wastewater Land-Application Site. McEachran
	[SP-378] Bioremediation of Groundwater Contaminated with Organic Micro-Pollutants Using Horizontal Subsurface Flow Constructed Wetlands. Stefanakis	[SP-385] Arsenic Phytoextraction by an Indian Ecotype <i>Pteris vittata</i> : Molecular Evidence of its Genetic Potentiality. Tiwari	[SP-191] Morphological and Physiological Responses of Maize (<i>Zea mays</i>) Exposed to Formerly Multicontaminated Soils. Leglize
			[SP-136] In Situ Phytoreclamation of Sewage Sludge after its Amendment with Soil and Gravel. Suchkova

			[SP-332] Phytoremediation of Pharmaceuticals in Waste Waters – from Laboratory to Real Scale. Vanek
10:30-11:00	COFFEE BREAK & POSTER viewing (GROUP 1)		
Session:	2A: CW II	2B: METALS II	2C: Organics II
Co-chairs:	Matthias Kästner	Olga Shuvaeva	Jean-Paul SCHWITZGUEBEL
	Rosa Galvez-Cloutier	Jean-Yves Cornu	Paul V. Manley
11:00-13:00	[FP-156] Nutrient Removal from Eutrophic Waters Using Floating Treatment Wetlands. Tanner	[FP-280] The study of the Process of Metals Accumulation by Floating Macrophytes under Water Pollution Condition. Shuvaeva	[FP-209] Phytoremediation of PCBs Contaminated Agricultural Soil by Leguminosae - Gramineae Intercropping. Tu
	[FP-293] Floating Wetlands for Water Treatment in a Eutrophized Urban Lake Located in Xalapa City, Mexico. Olguín	[FP-446] Possibilities of Air Pollutants Removal: Heavy Metals, Particulate Matter and PAH. Gawronski	[FP-299] Impact of EKKMI Addition to Soil on Weathered <i>p,p'</i> -DDE Accumulation in Xylem Saps of Plants. Isleyen
	[FP-314] High Capability of <i>Pteris vittata</i> in Arsenic Removal from Contaminated Water Using Novel Hydroponics Cultivation System . Huang	[FP-168] Mitigation Measures for Geogenic Chromium Rich Soils. Lilli	[FP-127] Using Plants to Remediate TNT and RDX Pollution. Rylott
	[FP-367] Microalgae Biotechnology for Wastewater Treatment. Opportunities and Challenges. Perales	[FP-107] Citric Acid-Assisted Phytoextraction Of Lead: A Field Experiment. Nascimento	[FP-126] Arabidopsis Glutathione Transferases Detoxify TNT. Tzafestas
	[SP-356] Seasonal Dynamics of Cd and Cr in Aboveground Biomass of <i>Phalaris arundinacea</i> in a Constructed Wetland. Březinová	[FP-451] Chelant-Enhanced Heavy Metal Uptake by <i>Eucalyptus</i> Sp. under Controlled Deficit Irrigation (CDI). Fine	[FP-196] Contribution of Arbuscular Mycorrhizal Inoculation in the Phytoremediation of PAH Polluted Soils: Molecular Characterization of the Protective Effect. Lenoir
	[SP-159] Selection of Suitable Plant Species in Semi Arid Climatic Conditions for Quality Improvement of Secondary Treated Effluent by Using Vertical Constructed Wetland. Brighu	[SP-189] Citric Acid- and Tween® 80- Assisted Phytoremediation of Multi-Contaminated Soils Vegetated with Alfalfa. Agnello	[SP-413] PCB Removal in Lagoon Sediments Using Poplar and Willow Phyto Processes. Licht

	[SP-366] Performance of Young Constructed Wetland System at Different Substrate Configurations. Juwarkar	[SP-459] Lead Tolerance and Accumulation in Metallicolous and Non-Metallicolous Populations of <i>Hirschfeldia incana</i> . Fahr	[SP-481] Phytoremediation of Contaminated Soil with Polycyclic Aromatic Hydrocarbons (PAHs) by <i>Salicornia Persica</i> . Eghbalinejad
		[SP-407] Cadmium Uptake and Repartition over the Vegetative Stage in <i>Helianthus Annuus</i> Grown at Cd 2 and 20 nM . Cornu	
13:00-14:00	LUNCH		
14:00-14:45	POSTER viewing (GROUP 1)		
14:45-15:25	MINI plenaries	Lee Newman: Field Projects I, II & III	
		Harrison Atagana: Plant-microbes I	
		Peter Schroeder: Metals III, IV & V	
		Liz Rylott: Organics III & IV	
Session:	3A: Field Projects-I	3B: METALS III	3C: Organics III
Co-chairs:	Michel Mench	Nele Weyens	Elisha Tel-Or
	Michel Labrecque	Araceli Pérez-Sanz	Elizabeth L. Rylott
15:30-17:00	[FP-404] Large Scale Demonstration of Tree-Based Phytostabilization Assisted by Symbiotic Fungi of Metal-Contaminated Sites. Blaudez	[FP-324] Selection of Phyto- and/or Phyco-Remediation Based Systems to Apply on Nuclear Contamination. Vanhoudt	[FP-116] Do Crosstalks with Primary and Secondary Metabolism Limit or Stimulate the Detoxification of Xenobiotics? Schwitzguébel
	[FP-319] Gentle Soil Remediation of Trace Element-Contaminated Soils – Success Stories from the GREENLAND Project. Puschenreiter	[FP-426] Chromium Behaviour in <i>Silene vulgaris</i> . Pérez-Sanz	[FP-486] Exogeneous Oxysterols Increase the Net Photosynthetic Rate, O2 Production and CO2 Binding. Macek
	[FP-261] Field Demonstrations of Phytoremediation Options in the EU FP7 GREENLAND Network of Trace Element-Contaminated Sites. Mench	[FP-325] Role of Phragmites australis (Common Reed) for Heavy Metals Phytoremediation of Estuarine Sediments. Fernández	[FP-419] Before the Blast: the Interaction between Plants and Explosives. Manley-II

	[SP-272] Phytotoxicity Arising Via Soil Pollution from Gold Mine Wastes in South Africa – A Situation Analysis. Daniell	[SP-160] Zinc/cadmium Accumulation and Cellular Localization in a New Hyperaccumulator <i>Sedum plumbizincicola</i> Grown in Mine Area. Wu	[SP-157] <i>In-Silico</i> Studies of Cu-Zn Superoxide Dismutase Enzyme from <i>Helianthus Annuus</i> with Polycyclic Aromatic Hydrocarbons to Find Out Insight into its Phytoremediation Capabilities. Roy
	[SP-357] Phytoextraction of Lead Contaminated Soils with <i>Fagopyrum esculentum</i> : a Field and Laboratory Scale Study. Lebeau	[SP-263] Naturally Selected Bio-Accumulators of Heavy Metals in a Battery Waste Dumpsite in Ibadan, South-Western Nigeria. Adeoye	[SP-513] Assessing the Use of <i>Salix alaxensis</i> for the Rhizoremediation of Diesel-Contaminated Soil. Starsman
	[SP-260] The Use of Reclaimed Water in Silviculture for Wood Production in Small Communities and Rural Zones. Martín	[SP-430] Cadmium Bioavailability in an Integrated Biosystem, and the Use of <i>Agaricus subrufescens</i> as a Remediation Agent. Stoknes	[SP-200] A Consistently Enhanced Photosynthetic Capacity Improves Brassinolide-Mediated Phenanthrene Stress Tolerance. Ahammed
		[SP-190] Plant Uptake and Translocation of ²²³ Ra as a Potential Radiopharmaceutical Nuclide. Smrček	[SP-287] Explosives Contaminated Soil as a Physiological Filter Against Plant Succession and Establishment. Via
17:00-17:30	COFFEE BREAK & POSTER viewing (GROUP 1)		
Session:	4A: Field Projects-II	4B: METALS IV	4C: Plant-microbe I
Co-chairs:	Valérie Bert	Peter Schroeder	Jaco Vangronsveld
	Yongming Luo	Nathalie Vanhoudt	Sara Borin
17:30-19:00	[FP-379] Phytoremediation of an Organic and Inorganic Polluted Soil: Real Scale Experience. Macci	[FP-175] Recovering Metals from Sewage Sludge, Waste Incineration Residues and Similar Substances with Hyperaccumulative Plants. Kisser	[FP-162] Transgenerational Characterization of Seed Endophytic Bacteria of a Plant Growing on Mine Residues. Sánchez-López
	[FP-442] Phytotechnology Research at Many Scales: How Do We Integrate Laboratory and Field Studies?. Reinhold	[FP-447] Potential of Indian Mustard for Rhenium Phytomining. Novo	[FP-239] Autochthonous Bioaugmentation as a Strategy to Enhance Cu Phytoremediation by a Salt Marsh Plant. Almeida

<p>[FP-465] Multifaceted Monitoring of a Large Phytoremediation System Demonstrates Long-Term Effectiveness. LaFreniere</p>	<p>[FP-340] Localised Trace Metal Solubilisation and Oxygen Depletion in the Rhizosphere of <i>Salix Smithiana</i> upon Addition of Elemental Sulfur. Hofer</p>	<p>[FP-336] Metagenomic Analysis of Microbial Communities from a Hg-Contaminated Rhizospheric Soil: Diversity, Structure and Co-Occurrence Network. Foulon</p>
<p>[FP-355] Recent Findings on the Phytoremediation of Polluted Soils by the GenoRem Multidisciplinary Research Team. Labrecque</p>	<p>[FP-408] How Do Low Doses of DFOB and EDTA Affect the Phytoextraction of Cd, Cu, Pb and Zn by <i>Helianthus annuus</i>? Cornu</p>	<p>[FP-277] Promiscuous Dispersal of Biodegradation Genes: a Key to Improve Endophyte-Enhanced Phytoremediation? Weyens</p>
<p>[SP-420] A Monitoring of a Long Term Field Study of Sewage Sludge Application on Soil Contaminated with Trace Elements. Grobelak</p>	<p>[SP-257] New Information for Phytoextraction and Phytomining. Zhang</p>	<p>[SP-247] Water Hyacinth and its Endophytic Bacteria as a Potential Tool for Phytoremediation of Ba. Przybysz</p>
		<p>[SP-364] Interactions Plant – Soil Microorganisms for Remediation of Metal Mine Residues. Chávez</p>

GROUP 1 POSTERS

205	225	148	494	512	516	489	496	510	511
335	345	301	291	360					
249	300	176	424	269	354				
221	501	383	203	100	363	161	416	226	374
380	331	140	334	101	187	137	399	276	507

Thursday Oct 2, 2014

8:00-8:30	Registration		
8:30-9:00	Plenary #2: "Plant Transformations of Hormone Chemicals" Jerald Schnoor		
9:00-9:30	MINI plenaries	Jason White: Nano I & II	
		Stephen Ebbs: Eco-Eco I & II	
		Matthias Kästner: CW III & IV	
Session:	5A: Field Projects-III	5B: Organics IV	5C: Eco-Eco I
Co-chairs:	Andrè Gerth	Chen TU	Barbara Zeeb
	Lorraine M. LaFreniere	Jim Germida	Elizabeth Pilon-Smits
9:30-10:45	[FP-347] Deployment of Aided Phytostabilisation at Field Scale: Set Up and Monitoring Lessons. Bert	[FP-108] Application of Plants for Benzene Removal. Treesubstorn	[FP-278] Soil Ecosystem Services for the Evaluation of a Metal Phytostabilization Process Assisted with PGPBs. Burges
	[FP-322] Remediation of Unsaturated Soils by Phytoremediation at Venice Technologies SPA, Porto Marghera (VE). Guarino	[FP-285] Comparison of Stimulated Phytoremediation of Petroleum Hydrocarbons in an Aged and a Freshly Spiked Soil. Hussain	[FP-141] Ecological Aspects of Plant Trace Element (Hyper)-Accumulation – Selenium as a Case Study. Pilon-Smits
	[FP-304] Local Community Perceptions of Mine Site Restoration Using Phytoremediation in Abitibi-Temiscamingue (Quebec). Khasa	[FP-362] Reclamation of Oil Sand Mining Sites in Canada: Opportunities and Challenges for Phytotechnologies. Germida	[FP-193] Phytoavailability and Ecological Risk Associated with Cadmium in an Organic Matter Rich Soil. Parisien
	[SP-250] Phytoremediation of Sewage and Industrial Wastewater using High Rate Transpiration System. Juwarkar	[FP-435] Successional Trajectories of Structural and Catabolic Bacterial Communities in Oil Polluted Hybrid <i>Populus</i> rhizospheres: a 2-Year Field Study. Mukherjee	[FP-134] Naturally Seleniferous Soils: Potential Source of Selenium for Biofortified Food Crops. Yasin
10:45-11:15	COFFEE BREAK & POSTER viewing (GROUP 2)		
Session:	6A: CW III	6B: METALS V	6C: Nano I
Co-chairs:	Attilio Toscano	Petra Kidd	Jerry Schnoor

	Matthias Kästner	Grzegorz Siebielec	Jason White
11:15-13:00	[FP-386] Hydraulics of Horizontal Subsurface Flow Constructed Wetlands. Marzo	[FP-474] Optimisation of Amendment Effectiveness in Stabilisation of Metals in Heavily Contaminated Soils. Siebielec	[FP-194] Investigating Positive and Negative Impacts of Engineered Nanoparticles on Plant Growth and Development. Ebbs
	[FP-118] Innovation in Constructed Wetland Design - Novel System of Floating Plant Mats. Gerth	[FP-125] Aided Phytostabilisation of a Cr, Mo and Ni-Contaminated Technosol. Oustriere	[FP-129] Phytotoxicity of Multiwall Carbon Nanotubes and Impact on the Uptake of Coexistent Pesticides by Lettuce (<i>Lactuca sativa</i> L.). Hamdi
	[FP-414] Phyto Process Predictability Treats Food Processing Wastewater Year-Round. Licht / English	[FP-302] Trace Metals in Growth Mediums and Plant Tissue Material from a Remediated Gold Mine Tailings Dam in S. Africa. van Deventer	[FP-274] Toxicogenomics of CdS QDs Interactions with <i>Arabidopsis thaliana</i> . Marmioli
	[FP-445] Screening of Six <i>Salix</i> Spp. (Willow) Genotypes for the Bioremediation of Municipal Effluent. Garofolo	[FP-265] Assessment of Phytostabilization of Pb and Zn in a Tailing Pond from SE Spain. Zornoza	[FP-443] Plant Uptake and Translocation of Radioactively labelled TiO ₂ and CeO ₂ Nanoparticles. Smrček
	[FP-255] Eco-Engineering Process for the Treatment of Contaminants from Salted Highway Runoff: Adapted Wetland and Active Filter . Galvez-Cloutier	[SP-384] (Aided)-Phytostabilisation of Cu-Rich Mine Tailings Using Woody Crops and Grass Species. Kidd	[FP-240] Interaction Between Metallic NPs and Salt Marsh Plants: Implications for Phytoremediation. Almeida
	[SP-387] Comparison of Energy and Water Balance Methods to Estimate Evapotranspiration in a Constructed Wetland. Toscano	[SP-212] EDTA Aided Phytoremediation of Cadmium by <i>Brassica napus</i> L. Farid	[SP-122] Co-exposure to Engineered Nanoparticles Alters the Toxicity and Accumulation of Persistent Pesticides in Agricultural Crops. Torre-Roche
		[SP-313] Physiological Stress Factors Associated with Different Mine Tailings on the Chlorophyll Fluorescence of Plants. Faul	
13:00-13:10	Group Picture		
13:10-14:00	LUNCH		
14:00-14:45	POSTER viewing (GROUP 2)		

14:45-15:25	MINI plenaries	Sara Borin: Plant-microbe II&III		
		Elena Maestri: Exposure Risk		
		Mackenzie Denyes: Biochar		
Session:	7A: CW IV	7B: Plant-microbe II	7C: Nano II	
Co-chairs:	Thakis Manios	Harrison Atagana	Stephen Ebbs	
	Víctor Matamoros	Anna Muratova	Tomas Vanek	
15:30-17:00	[FP-497] Capability of High Rate Algal Ponds for Removing Emerging Contaminants from Domestic Wastewater. Matamoros	[FP-211] The Coupling of the Plant and Microbial Metabolisms Of PAHs in the Rhizosphere of Alfalfa. Muratova	[FP-333] Nanoparticle Effect on Physiology and Metabolism of Plants. Vanek	
	[FP-128] Transformation of Chloroform in Subsurface-Flow Constructed Wetlands: A Mass Balance study. Chen	[FP-382] Enhanced Degradation of Polychlorinated Biphenyls Using Microbe-Assisted Phytoremediation. Sharma	[FP-123] Trophic Transfer Potential of Rare Earth Element (REE) Oxide Nanoparticles through Terrestrial Food Chains. White	
	[FP-171] Factors Influencing Bacteria Removal in Constructed Wetlands. Kästner	[FP-124] Isolation, Cultivation, and Characterization of Endophytes in Function of Phytoremediation of DDE-Contaminated Soils. Eevers	[FP-283] Impact of Cerium Oxide Nanoparticles on the Physiological and Biochemical Processes of <i>Brassica rapa</i> in Three Generations. Ebbs	
	[FP-252] Unexpected Net Export of Faecal Indicator Bacteria from a <i>Typha</i> Wetland Intercepting Agricultural Drainage. Stott	[FP-339] Plant-Microbial-Soil System of Ni-Hyperaccumulating Plants: Metal Availability Assessed via Conventional Soil Analyses and DGT. Álvarez-López	[FP-428] Gene Regulations and Antioxidant Enzyme Responses in <i>Arabidopsis thaliana</i> to Nanoparticle Cerium and Indium Oxide Exposure. Parkash Dhankher	
	[SP-214] The Effect of Swine Wastewater on the Ecophysiology and Stoichiometry of two Opportunistic Macroalgae. Nisiforou	[SP-462] Characterisation of Endophytic Bacterial Community in the Halophyte <i>Juncus Acutus</i> L.. Syranidou	[SP-238] Evidences of Genotoxicity and Phytotoxicity in <i>Zea Mays</i> and <i>Hordeum Vulgare</i> Exposed to CeO ₂ and TiO ₂ Nanoparticles. Mattiello	
		[SP-403] Plant Microbiome Potential in Enhancing Soil Rhizoremediation. Borin	[SP-172] Biotisation and Nanotechnology for Phytoremediation. Turnau	
17:00-17:30	COFFEE BREAK & POSTER viewing (GROUP 2)			

Session:	8A: Exposure Risk	8B: Plant-microbe III	8C: Biochar
Co-chairs:	Elena Maestri	Asha A. Juwarkar	Markus Puschenreiter
	Nele Witters	C. Marisa R. Almeida	Anastasia Zabaniotou
17:30-19:00	[FP-391] Ecological Benchmark Values for Cd in Brazilian Soils: a Physiological and Ecotoxicological Approach. Guilherme	[FP-184] Endophytic Bacteria Contribute to Carbamazepine Removal in <i>Phragmites australis</i> . Schröder	[FP-169] Investigations with Biochar and Halophytes in the Phytoremediation of a High Salinity Landfill . McSorley
	[FP-427] Molecular and Biochemical Characterization and Mode of Action of SAP13 in Providing Tolerance to Multiple Abiotic Stresses. Tomar	[FP-234] Phytoremediation of Soil Contaminated with Aroclor by <i>Chromolaena odorata</i> (L) King & Robinson Inoculated with Rhizosphere Organisms. Atagana	[FP-337] Biochar Immobilizes Risk Elements and Improves Willows Biomass Production on Heavily Contaminated Soil. Břendová
	[FP-121] Toxic Arsenic Compounds Remain in Native Plant Species from Arsenic Polluted Soils. García-Salgado	[FP-217] Characterization of Endophytic Bacteria from Selenium Hyperaccumulators and GM Plants. Novakova	[FP-318] Effectiveness of Biochar for Increasing Soil Quality and Reducing Metal Bioavailability of Three Different Soils. Puschenreiter
	[FP-242] Use of Poplar for Rehabilitation of Metal Polluted Soils. Thi	[FP-406] Halophyte-Associated Plant Growth Promoting Bacteria: Key Tool for Land Reclamation and Restoration. Borin	[FP-341] Nanoscale Interactions between Engineered Nanomaterials and Black Carbon (Biochar) in Soil. Servin
	[SP-256] Phytoremediation and Environmental Risk Assessment: a New Approach . Maestri	[SP-215] Isolation and Characterization of Plant Growth-Promoting Rhizobacteria and their Effects on Phytoremediation of Petroleum-Contaminated Saline-Alkali Soil. Liu	[SP-493] Opportunities and Drivers for Biofuels and Biochar Production by Valorising Agri-Food Solid Processing Residues and Wastes. Zabaniotou
	[SP-328] European and National Legislation with Regards to the Different Steps in a Phytoremediation Approach for Metal-Contaminated Land. Witters	[SP-421] Phytoremediation of Salt-Affected Soils using Halophilic Bacteria. Jamil	[SP-192] Use of Biochar as a Post Anaerobic Digestion Treatment for Ammonium-nitrogen removal from Piggery Slurry. Simon
19:30-20:30	IPS annual meeting		

20:30 - xxx	IPS members dinner
20:00 - xxx	Students' Night Out (Tsipouradika)

GROUP 2 POSTERS

434	436	433	422	230	227	201			
439	170	418	150	267	135	394			
423	219	488	266	181	478	464	183	484	305
245	502	207	188	154	500	472	330	306	505
282	320	402	307	388	352	473	323	262	235
233	515	206	343	232	506	241	466	392	321
487	281	109	164	166	165	167	297	204	264

Friday Oct 3, 2014

8:00-8:30	Registration		
8:30-9:00	Plenary #3: “Using natural functional biota solves farmland pollution in a sustainable way” Yongming Luo		
9:00-9:30	MINI plenaries	Barbara Zeeb: Monitoring	
		Michael Evangelou: Bioenergy I&II	
		Eleni Manousaki: Halophytes	
Session:	9A: Eco-Eco II	11B: Halophytes	9C: Bioenergy I
Co-chairs:	Nicholas M. Dickinson	Eleni Manousaki	Michael Evangelou
	RD Singh	Luis Novo	Eleni G. Papazoglou
9:30-10:45	[FP-361] Phytotechnologies and Ecorestoration in Agricultural Matrices of New Zealand Dickinson	[FP-246] Phytoremediation of Heavy Metals from Coastal Waters and Their Molecular Mechanisms. Ansari	[FP-179] Temporal Evolution of Soil Quality under Short Rotation Coppice as Compared to Forest, Grassland and Arable Plots. Stauffer
	[FP-444] Decrease in Soil Organic Matter from Palaeo to Present Day Soils in South Africa – a Challenge for Phytoremediation, Hurter	[FP-173] Production of the Halophyte Forage <i>Atriplex amnicola</i> from Heavy metals Contaminated Soils. Eissa	[FP-237] Energy Use and Greenhouse Gas Emissions in Organic and Conventional Peach and Kiwi Orchards. Michos
	[FP-144] Plant Establishment, Community Stabilization, and Ecosystem Development on Oils Sands Soft Tailings. Ebbs	[FP-349] Use of Halophytes for Phytoremediation of Road Runoff Contaminated by Deicing Salts. Suaire	[FP-142] Phytoremediation with Miscanthus Produced for Bioenergy. Davis
	[SP-455] Revegetation of Muck Dumping Sites in Indian Himalayan Region. Singh	[SP-463] Mixed Heavy Metal Tolerance and Accumulation in the Wetland Halophyte <i>Juncus acutus</i> L.. Syranidou	[SP-295] Growing <i>Lemna minor</i> in Human and Synthetic Urine for Biomass Production, Nutrients and Antimicrobials Removal. Iatrou
		[SP-401] <i>Alternanthera bettzickiana</i> a Potential Phytoremediator: Growth, Metal Uptake and Oxidative Stress. Ali	[SP-452] Anaerobic Co-Digestion of Sewage Sludge with Grape Residues from Wine Producing Process. Maragkaki
10:45-11:15	COFFEE BREAK & POSTER viewing (GROUP 3)		

Session:	10A: Emerging Issues I	10B: Monitoring	10C: Bioenergy II
Co-chairs:	Om Parkash	Bill Doucette	Elizabeth Nichols
	Claude Grison	Mette Algreen	Michalis Fountoulakis
11:15-13:00	[FP-412] Sustainable Reuse of Nitrogen-Laden Process Water in Poplar Tree Vadose Zones at Various Scales. Just	[FP-143] Phytomonitoring of Airborne PCB Contamination from Two Local Point Sources in the Canadian Arctic. Zeeb	[FP-476] Harvesting of Microalgae through Magnetophoresis: Inhibitory Effect of Ions Toward Biofuel Productivity. Toh
	[FP-298] Removal of Chromium (VI) from the Aqueous Solution using Persimmon Tannin Gel. Tsuruta	[FP-133] Terrestrial Plant Bioconcentration Factors for Organic Chemicals: Experimental Values Database and Screening-Level Model Evaluation. Doucette	[FP-437] Assessment of <i>Jatropha curcas</i> as a Potential Feedstock for Biofuel Production in South Mediterranean Countries. Papazoglou
	[FP-132] The Importance of Plants When Using <i>in Situ</i> Carbon Sorbents for the Remediation of Organic Contaminants. Mackenzie	[FP-292] Phytoscreening for Perchlorate: Rapid Analysis of Tree Sap. Limmer	[FP-244] Phytoremediation Potential of Selected Energetic Plants (<i>Miscanthus giganteus</i> and <i>Phalaris arundinacea</i>) in Dependence on Fertilization. Kacprzak
	[FP-440] Assessing the Amending Potential of Low Carbon Footprint Materials in Zn Mining Areas. Guilherme	[FP-371] Comparison of Tree Coring and Soil Gas Sampling for Screening of Contaminated Sites. Algreen	[FP-220] Use of TE Contaminated Sites for the Production of Biomass for Biochar. Evangelou
	[SP-315] LED Light Qualities as an Artificial Stimulus Improve the Growth of Two Mediterranean Species Cultivated into a Controlled Environment. Smirnakou	[FP-396] Perspectives of Woody Plant Implementation in Phytoremediation of Toxic Elements in Industrial Cities. Gorelova	[FP-117] Microalgae for Wastewater Treatment, CO ₂ Mitigation and Biofuels: Dream or Sustainable Maid for all Work? Schwitzguébel
	[SP-106] Phytoextraction and Ecological catalysis: symbiosis for future. Grison		
	[SP-309] Social and Environmental Aspects from the Implemented Renewable Energy Parks (Solar, Air, Biomass) in Cyprus. Tsangas		
13:00-14:00	LUNCH		
14:00-14:45	POSTER viewing (GROUP 3)		

14:45-15:25	MINI plenaries	Panayiotis Nektarios: Green Roofs/Covers/Sustainability		
		Craig Just: Emerging issues		
		Thakis Manios: Bioenergy III		
Session:	11A: Emerging Issues II	11B: GreenRoofs-Sustain	11C: Bioenergy III	
Co-chairs:	Craig Just	Theano Lazaridou	Thakis Manios	
	Andrew Cundy	Panayiotis Nektarios	Malgorzata Kacprzak	
15:30-17:00	[FP-186] Developing a Practical Decision Support Tool (DST) for the Application of Phytotechnologies. Cundy	[FP-372] Energy Saving Potential by the Application of Green Roofs in Greek School Buildings. Kotsiris	[FP-492] Technical, Economic, Environmental and Social Sustainability of Gasification-Based Bioenergy Systems for the Mediterranean Agro-Industrial Sector. Zabaniotou	
	[FP-228] Effect of Antioxidant Rich Spices, Clove and Cardamom Extracts on the Metabolic Enzyme Activity of <i>Labeo rohita</i> . Asimi	[FP-528] The Adaptive Approach as a Means to Increase Green Roofing in the Mediterranean Basin. Nektarios	[FP-113] SRWC Potential Bioenergy Markets in North Carolina, USA. Nichols	
	[SP-346] Processing of Plant Biomass Harvested at Trace Element-Contaminated Sites Managed by Gentle (Phyto) Remediation Options. Bert	[FP-271] Vegetative Cover as a Sustainable Method for Rehabilitating Various Mine Tailings through Phytostabilization. Pretorius	[FP-490] Developing a Biomass to Energy Utilization Management Spatial Decision Support System - IT Tool for the Island of Crete. Dialynas	
	[SP-158] Semi-Continuous Treatment of Pentachlorofenol by Biological Fenton Reaction. Inagaki	[SP-110] Sedums Role in Metal Retention and Emission by Green Roofs. Schwager	[FP-491] Development of a Production and Utilization System of Woody Biomass for Heating Municipal Buildings – Biomass. Manios	
	[SP-236] The Use of Polyphenolic Compounds Obtained from Olive Oil Mill Waste as Ecological Plant Protection Agent Against Several Fungal Pathogens on Tomato Plants. Studies <i>In Vitro</i> and <i>In Vivo</i> . Leontopoulos	[SP-368] Layer Soil Formation on Tailing Heaps after Soil Covers and Trees Aforestation. González		
	[SP-115] Biomangement of Pesticide Contaminated Soils: microbiological methods for feasibility assessment and monitoring. Hechmi	[SP-359] Advantages and Dissadvantages of the Presence of the 1BL.1RS Wheat-Rye Translocation in Sustainable Wheat Production. Xynias		

	[SP-104] Optimization of Cadmium (Cd ²⁺) Removal from Aqueous Solutions by Novel Biosorbent. Mahmoud	[SP-359] Advantages and Dissadvantages of the Presence of the 1BL.1RS Wheat-Rye Translocation in Sustainable Wheat Production. Xynias	
	[SP-251] Concentrations of Perfluorooctanoate and Perfluorooctane Sulfonate in Sediment of Western Cape Rivers, South Africa. Mudumbi	[FP-358] Effect of the 1BL.1RS Wheat - Rye Translocation on the Androgenic Response in Bread Wheat. Lazaridou	
	[FP-483] Transpiration to the <i>Pteris vittata L.</i> Arsenic Enrichment by Several Different Test Methods. Hao		
17:00-17:30	COFFEE BREAK & POSTER viewing (GROUP 3)		
17:30-18:00	IPS plenary & Next Conference info		
	Renee Scoops: New IPS website & Services offered		
	Jason White: Introduction of 12th IPS Conference (2015)		
18:00-19:00	CLOSING CEREMONY & AWARDS		
20:30 - xxx	Conference GALA DINNER		

GROUP 3 POSTERS

415	311	310	429	308	369	370	149
405	375	316	317	348	338		
503	224	417	411	470	509	469	
475	114	275	467	145	441	351	
218	353	152	273	327			
163	508	112	253	174			
400	329	454	294				

Saturday Oct 4, 2014

	Field trips