

20WCSS Program Timetable

Baekrok Hall A(1F) (200 Seats)	Baekrok Hall B(1F) (220 Seats)	Yeongju Hall A(1F) (320 Seats)	Yeongju Hall B(1F) (340 Seats)	Room 201(2F) (150 Seats)	Room 202(2F) (150 Seats)	Halla Hall A(3F) (270 Seats)	Halla Hall B(3F) (230 Seats)	Samda Hall(3F) (200 Seats)	401(4F) (100 Seats)	402(4F) (150 Seats)	Tamna Hall A(5F) (1,500 Seats)	Tamna Hall B(5F) (2,000 Seats)	203(2F) (100 Seats)
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June 8 (Sun)



**Welcome Reception
(Tamna Hall B, ICC)**

**IUSS Executive
Committee
Welcome Lunch
and Meeting
(Room 302)**

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Baekrok Hall A(1F) (200 Seats)	Baekrok Hall B(1F) (220 Seats)	Yeongju Hall A(1F) (320 Seats)	Yeongju Hall B(1F) (340 Seats)	Room 201(2F) (150 Seats)	Room 202(2F) (150 Seats)	Halla Hall A(3F) (270 Seats)	Halla Hall B(3F) (230 Seats)	Samda Hall(3F) (200 Seats)	401(4F) (100 Seats)	402(4F) (150 Seats)	Tamna Hall A(5F) (1,500 Seats)	Tamna Hall B(5F) (2,000 Seats)	203(2F) (100 Seats)
June 9 (Mon)													
Opening Ceremony & Commemoration the 90th Anniversary of IUSS & Congress Symposium 1 (*08:10~10:00 / Tamna Hall A, ICC)													
Coffee Break													
Oral Session 1 [IDS13] Integrated Management Strategies for As and Cd in Rice Paddy Environments <i>(Rufus L. Chaney, USA, Won-il Kim, Korea)</i>		Oral Session 2 [IDS1] Folk Soil Knowledge for Soil Taxonomy and Assessment <i>(Francisco Bautista-Zuñiga, Mexico)</i>		Oral Session 3 [IDS16] Environmental Risk Management of Geologic Carbon Storage and An Introduction to the K-COSEM Research Center of Korea			Oral Session 4 [IDS4] Critical Issues of Radionuclide Behavior in Soils and Remediation <i>(Martin. H. Gerzaek, Austria)</i>		Oral Session 5 [DS4] The Lifetime Contributions of Professor J.Keith Syers to International Soil Science - A Memorial Symposium <i>(John Ryan, Ireland)</i>				
Lunch (Tamna Hall B, ICC)													Soil Art and Film
Oral Session 6 [DS7] African Eco-Efficient Solutions to Food Insecurity and Climate Change <i>(Rolf Sommer, Kenya)</i>	Oral Session 7 [C3.6-1] Saline and Sodic Ecosystems in the Changing World <i>(Tibor Tóth, Hungary)</i>	Oral Session 8 [C4.1-3] Soil Ecosystem under Climate Change <i>(Kijong Cho, Korea)</i>	Oral Session 9 [C4.1-1] Advances in Quantifying Forest Soil Processes and Functions <i>(Zhihong Xu, Australia)</i>	Oral Session 10 [C3.3-1] Mobilization of Essential Micronutrients by Exudates <i>(Owen Duckworth/USA, Sara Holmstrom/Sweden)</i>	Oral Session 11 [C1.5-1] Validation of Soil Carbon Sequestration <i>(Sabine Grunwald, USA)</i>	Oral Session 12 [C2.2-1] Biogeochemical Reactivity of Soils and Sediments: Molecular Process Control over Material Flux at Field Scales <i>(Steven A.Banwart, UK)</i>	Oral Session 13 [C1.1-2] Interactions between Soil Structure, Living Organism and Organic Matter <i>(Farhad Khormali, Iran)</i>	Oral Session 14 [IDS12] Development of Agricultural Technology and Contribution for World Food Welfare <i>(Kang-Ho Jung, Korea)</i>	Oral Session 15 [C4.1-2] Environmental Management of Post-Epidemic Carcass Burial Sites <i>(Geonha Kim, Korea)</i>	Oral Session 16 [C2.3-1] Modern Soil Biology for N and C Transformation: From Genes to Ecosystems <i>(Kiwamu Minamisawa, Japan)</i>			
Coffee Break & Posters I (3F, 5F Lobby, ICC)													Soil Art and Film
Soil Parade & Beer Party (The Seaes Hotel & Resort)													
												IUSS Council Meeting 1 (Room303/ 19:00~21:00)	

20WCSS Program Timetable

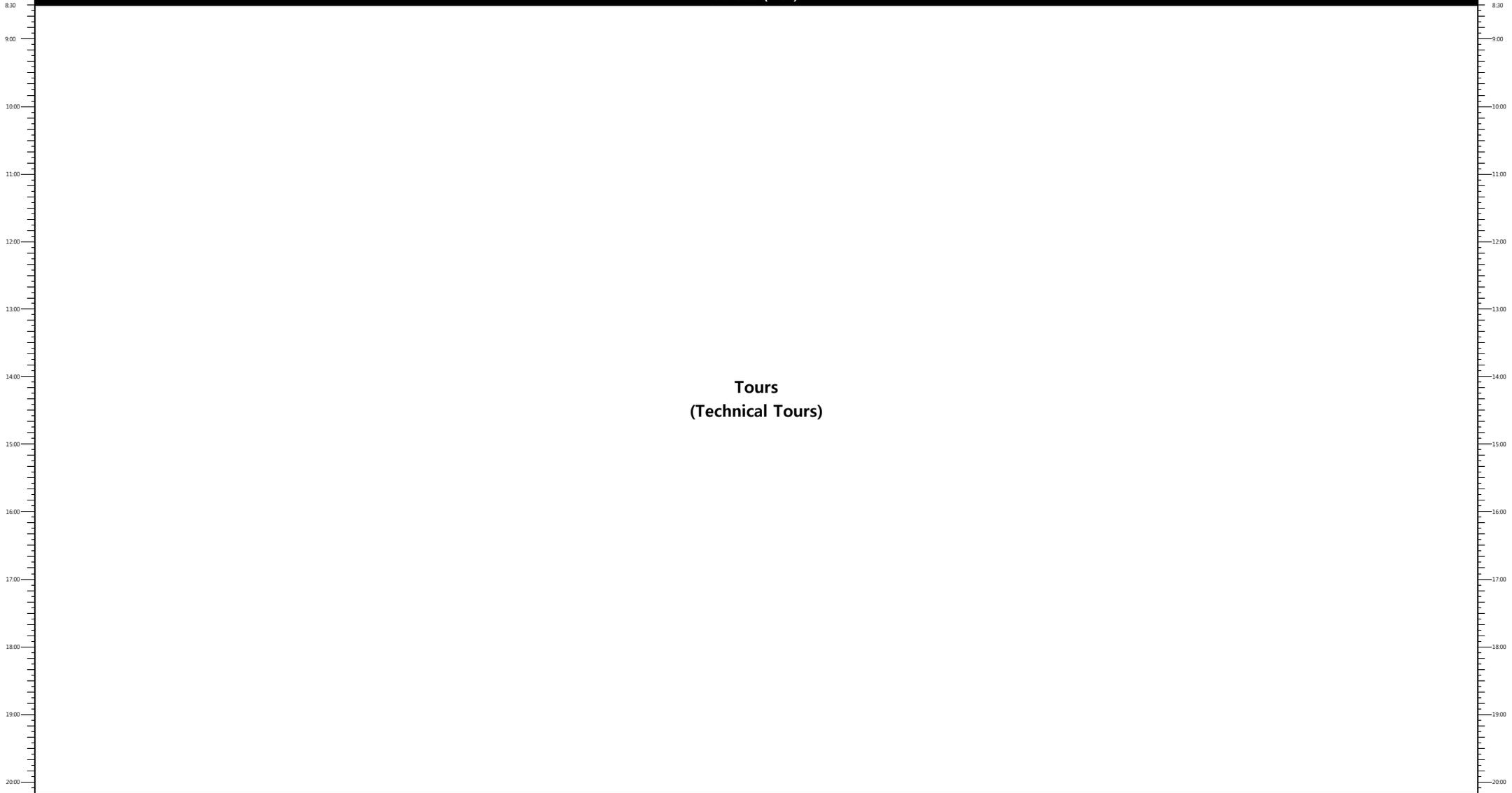
Baekrok Hall A(1F) (200 Seats)	Baekrok Hall B(1F) (220 Seats)	Yeongju Hall A(1F) (320 Seats)	Yeongju Hall B(1F) (340 Seats)	Room 201(2F) (150 Seats)	Room 202(2F) (150 Seats)	Halla Hall A(3F) (270 Seats)	Halla Hall B(3F) (230 Seats)	Samda Hall(3F) (200 Seats)	401(4F) (100 Seats)	402(4F) (150 Seats)	Tamna Hall A(5F) (1,500 Seats)	Tamna Hall B(5F) (2,000 Seats)	203(2F) (100 Seats)
June 10 (Tue)													
Congress Symposium 2 (Tamna Hall A, ICC)													
Coffee Break													
Oral Session 17 [IDS9] Key Processes and Factors to Mitigate Land Degradation (Harano Ryusuke, Japan)		Oral Session 18 [IDS10] Impact of Bioenergy Cropping on Soils and the Environment (Dokyoung Lee, USA)		Oral Session 19 [IDS17] Surface Soil Resources Inventory and Integration: Soil Value and Erosion (Jae E. Yang, Korea)			Oral Session 20 [IDS2] Global Soil Partnership (Ronald Vargas, Italy)		Oral Session 21 [IDS7] The Soil Health: Human Health Nexus (Ian Pepper, USA)				
												IUSS Council Meeting 2 (Room 303/ 12:00~13:30)	Soil Art and Film
Oral Session 22 [WG6] Urban Soils-Properties, Functions and Evolution (Jean Louis Morel, France)	Oral Session 23 [DS3] Modelling of Soil Properties and Processes – Challenges and Opportunities (Kai UweTotsche, Germany)	Oral Session 24 [DS2] A Soil Development and Soil Properties and Functions (Martin. H. Gerzabek, Austria)	Oral Session 25 [C2.5-3] A Mechanism Controlling Greenhouse Gas Emissions from Soils (Pil Joo Kim, Korea)	Oral Session 26 [C2.1-2] Biophysical Aspects of Soil Function - Exploring Soil Hidden Frontiers (Dani Or, Switzerland)	Oral Session 27 [C1.1-1] The Role of Environment on Soil formation: Morphological Indicators (Daniela Sauer, Germany)	Oral Session 28 [C3.5-1] Water Conservation Technologies and Impacts on Sustainable Dry Land Agriculture (Takashi Kosaki, Japan)	Oral Session 29 [C2.4-1] Mineralogy and Reactivity of Soil Microsites (Dean Hesterberg, USA)	Oral Session 30 [C1.5-2] Quantification and Application of Uncertainty in Pedometrics (A-Xing Zhu, USA)	Oral Session 31 [C4.5-1] The Soil Underfoot: Infinite Possibilities for a Finite Resource (G. Jock Churchman, Australia)	Oral Session 32 [C1.4-1] Marginal Soils: The Classification of Technogenic, Subaqueous, and Extraterrestrial Soil-like Bodies (John M. Galbraith, USA)			
Coffee Break & Posters II (3F, 5F Lobby, ICC)													
Oral Session 33 [DS6] Soils in the Anthropocene Era: Global Health, Food Security, and Human Health (Charles W. Rice, USA)	Oral Session 34 [C3.5-2] Techniques to Manage Contaminated Arable Soils (Zueng-Sang Chen, Taiwan)	Oral Session 35 [DS2] B Soil Development and Soil Properties and Functions (Martin. H. Gerzabek, Austria)	Oral Session 36 [C2.5-3] B Mechanism Controlling Greenhouse Gas Emissions from Soils (Pil Joo Kim, Korea)	Oral Session 37 [C1.3-1] Weathering and Soil formation in Response to Environmental Changes (Gan-Lin Zhang, China)	Oral Session 38 [C3.5-4] Physical Restoration of Soils (Thomas Keller, Switzerland)	Oral Session 39 [WG4] New Approaches in Paddy Soil Management for Food Safety and Environmental Quality (Ho Ando, Japan)	Oral Session 40 [C1.6-1] Paleosols and Pedosedimentary Sequences for Understanding Impacts of Climatic Changes (Alexander Makeev, Russia)	Oral Session 41 [C4.2-1] Linking forest Management and Soil Processes to Ecosystem Productivity and Functions (Zhihong Xu, Australia)	Oral Session 42 [C1.3-2] Volcanic Soils: Distinctive Properties and Management (Randy Dahlgren, USA)				
Soil Art and Film - Symphony of the Soil - (Tamna Hall A, ICC)													

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June 11 (Wed)

**Tours
(Technical Tours)**



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June 12 (Thu)															
Congress Symposium 3 (Tamna Hall A, ICC)															
Coffee Break															
Oral Session 43 [IDS5] A Biochar Soil Amendment for Environmental and Agronomic Benefits I <i>(Yong Sik Ok, Korea)</i>		Oral Session 44 [IDS11] Nanotechnologies in Environmental Soil Science <i>(Man Park, Korea)</i>						Oral Session 45 [IDS8] Soils, Land Use and Heat <i>(Wolfgang Burghardt, Germany)</i>		Oral Session 46 [IDS3] Soil Information and Food Security <i>(Pavel Krasilnikov, Russia)</i>					
Lunch (Tamna Hall B, ICC)										Oral Session 56 [WG7] Agricultural land management for improving soil fertility and irrigation efficiency of AFACI Pan-Asia Project <i>(Yoo-Hak Kim, Korea)</i>		IUSS Council Meeting 3 (Room 303/ 12:00~14:30)		Soil Art and Film	
Oral Session 47 [WG9] Steps made toward a Universal Soil Classification <i>(Jonathan Hempel, USA)</i>	Oral Session 48 [C2.3-2] A Life in Soils – Distribution and Function of Soil Microorganisms in a Changing Environment <i>(Ellen Kandeler, Germany)</i>	Oral Session 49 [C2.2-2] A Soil Organic Carbon: Dynamics, Stabilization, and Environmental Implications <i>(Ingrid Kögel-Knabner, Germany)</i>	Oral Session 50 [C3.3-2] Advances in Rhizosphere Regulation and Soil Nutrient Management <i>(Jianbo Shen, China)</i>	Oral Session 51 [C3.6-2] Salinity Management when Irrigating with Marginal Quality Waters <i>(Donald L. Suarez, USA)</i>	Oral Session 52 [C2.1-1] Quantifying Evaporative Fluxes from Terrestrial Surfaces <i>(Dani Or, Switzerland)</i>	Oral Session 53 [C4.4-1] Education and Social Awareness for Soil Science in General Public <i>(Teruo Higashi, Japan)</i>	Oral Session 54 [WG3] Understanding Acid Sulfate Soils: The Key to Their Proper Management <i>(Peter Osterholm, Finland)</i>	Oral Session 55 [WG10] Cryosols on a Changing Planet: Properties, Processes, Regimes and Functions <i>(Megan Balks/ Hee Myong Ro, New Zealand/ Korea)</i>	Oral Session 57 [C1.2-2] Soil Data, Spatial information Systems and Interpretation Procedures <i>(Karl Stahr, Germany)</i>						
Coffee Break & Posters III (3F, 5F Lobby, ICC)															
Oral Session 58 [WG2] WRB - Lessons Learned from the Development of the Third Edition 2014 <i>(Cornie van Huyssteen, South Africa)</i>	Oral Session 59 [C2.3-2] B Life in Soils – Distribution and Function of Soil Microorganisms in a Changing Environment <i>(Ellen Kandeler, Germany)</i>	Oral Session 60 [C2.2-2] B Soil Organic Carbon: Dynamics, Stabilization, and Environmental Implications <i>(Ingrid Kögel-Knabner, Germany)</i>	Oral Session 61 [C3.5-3] Management and Reclamation of Mining Site Soils <i>(Jaume Bech, Spain)</i>	Oral Session 62 [C4.4-2] Widening the Soil Science Course to the Various Directions of Scientific and Humanistic Area <i>(Zueng-Sang Chen, Taiwan)</i>	Oral Session 63 [C1.2-1] Pedodiversity and Ecological Services – Bridging Soil Geography and Land Use <i>(Reinhold Jahn, Germany)</i>	Oral Session 64 [C2.4-3] Minerals as Regulators of Carbon Flow through Soils <i>(Balwant Singh, Australia)</i>	Oral Session 65 [WG1] Soil Monitoring for Mankind and Environment Safety <i>(Dominique Arrouays, France)</i>	Oral Session 66 [WG12] Unique Contributions of Hydropedology to Integrated Soil and Water Sciences <i>(Henry Lin, USA)</i>							
Gala Dinner (Tamna Hall B, ICC)															

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June 13 (Fri)													
Congress Symposium 4 (Tamna Hall A, ICC)													
Coffee Break													
Oral Session 67 [IDS5] B Biochar Soil Amendment for Environmental and Agronomic Benefits II <i>(Yong Sik Ok, Korea)</i>		Oral Session 68 [IDS6] Soil Microbial Ecology under Stress and Global Climate Change <i>(Tongmin Sa, Korea)</i>						Oral Session 69 [IDS14] From Science to Policy – is the Knowledge on Diffuse Pollution by POPs Sufficient to Support Policies <i>(Bernd M. Bussian, Germany/ Violette Geissen, Netherlands)</i>		Oral Session 70 [IDS15] Advanced Technology on Soil Remediation in Mined Lands: MIRECO Symposium <i>(Jin-Soo Lee, Korea)</i>		IUSS Executive Committee Meeting (Room 302)	
Lunch (Tamna Hall B, ICC)													Soil Art and Film
Oral Session 71 [C2.5-1] Advances in Techniques to Investigate Chemical, Physical and Biological Interfaces in Soils <i>(Siobhán Staunton, France)</i>	Oral Session 72 [C2.1-3] Hydro-Ecological Observatories and Advances in Soil Measurements and Sensors <i>(Doug-Young Chung, Korea)</i>	Oral Session 73 [C3.2-1] A Soil Erosion and Degradation on Agriculture Land <i>(Artemi Cerdà, Spain)</i>	Oral Session 74 [C3.3-4] A Soil Management Strategy for Enhancing Crop Yields <i>(Wolfgang Burghardt, Germany)</i>	Oral Session 75 [C4.5-2] Cultural Perspectives on Soils and Soil Science <i>(Bruce R. James, USA)</i>	Oral Session 76 [C2.4-2] Roles of Minerals as Suppliers and Regulators of Plant Nutrients <i>(David Manning, UK)</i>	Oral Session 77 [C2.2-3] A Behavior and Fate of Pollutants Entering the Soil Environment <i>(Teodoro M. Milano, Italy)</i>	Oral Session 78 [WG5] Mitigating Greenhouse Gas Emissions from Rice Paddy Soils <i>(Charles W. Rice, USA)</i>	Oral Session 79 [C2.3-3] Microbial Biodiversity and Ecosystem Functions in Volcanic Soils <i>(Jong-Shik Kim, Korea)</i>	Oral Session 80 [C3.3-3] Ecological Significance of Soil Organic Phosphorus <i>(Leo Condon, New Zealand)</i>	Oral Session 81 [DS1] Micromorphological Answers to Palaeopedological and Polypedogenetic Questions <i>(Rosa Maria Poch, Spain)</i>			
Coffee Break & Posters IV (3F, 5F Lobby, ICC)													Soil Art and Film
Oral Session 82 [WG13] Progress in Digital Soil Mapping and GlobalSoilMap <i>(Mogens Humlekrog Greve, Denmark)</i>	Oral Session 83 [WG11] Soil Information Exchange Standards and Systems <i>(Peter Wilson, Australia)</i>	Oral Session 84 [C3.2-1] B Soil Erosion and Degradation on Agriculture Land <i>(Artemi Cerdà, Spain)</i>	Oral Session 85 [C3.3-4] B Soil Management Strategy for Enhancing Crop Yields <i>(Wolfgang Burghardt, Germany)</i>	Oral Session 86 [C3.4-1] Design and Performance of Cover Systems for Landfills and Contaminated Sites <i>(Kye-Hoon Kim, Korea)</i>	Oral Session 87 [WG8] Proximal Soil Sensing <i>(Hak-Jin Kim, Korea)</i>	Oral Session 88 [C2.2-3] B Behavior and Fate of Pollutants Entering the Soil Environment <i>(Teodoro M. Milano, Italy)</i>	Oral Session 89 [C2.5-2] How do Interactions with Organo-Mineral Surfaces Alter the Dynamics and Properties of Microbes and Macromolecules in Soil? <i>(Siobhán Staunton, France)</i>	Oral Session 90 [C1.4-2] The Progress in Development and Harmonization of Soil Classifications <i>(Sergey Goryachkin, Russia)</i>	Oral Session 91 [DS5] Soil Health: Key to Food Security <i>(Yong Sik Ok, Korea)</i>				
Closing Ceremony (Halla Hall, ICC)													