

## Division 1 (Soils in Space and Time)

Position	ID#	Country	Name	Biography
Chair	10c1	Canada	<b>Richard Heck</b>	<p><b>Richard Heck</b> is Professor of Soils and Landscape Processes at the UofG. His research focusses primarily on quantifying soil structure, having mentored more than 150 scholars in high-resolution digital imaging/analysis of soil, and he curates the Canadian Soil Thin Section Collection. During his terms as Vice-Chair of Commission 1.1, Richard was instrumental in redeveloping its website, and refining that commission's award procedures. He has also been active in other IUSS activities, including convening/organizing WCSO sessions. With recent developments and wide adoption of accessible web-based platforms, Richard foresees a future of broader and more effective engagement of the Division 1 community. <a href="https://ses.uoguelph.ca/people/richard-heck">https://ses.uoguelph.ca/people/richard-heck</a></p> <p><b>Craig Rasmussen</b> is a Professor of Pedology in the Department of Environmental Science at the University of Arizona with over 20 years of experience working in ecosystems ranging from Southwestern U.S. deserts to alpine forests and grasslands. He has performed extensive research on soil formation, soil organic carbon cycling and sequestration, soil mineral weathering, and predictive soil mapping. Dr. Rasmussen is an active member of the Soil Science Society of America, having served as the chair of both the Soil Mineralogy and the Pedology divisions, and currently serves on the Board of Directors representing the Fundamental Soil Science divisions. <a href="https://www.researchgate.net/profile/Craig-Rasmussen/">https://www.researchgate.net/profile/Craig-Rasmussen/</a></p>
<b>Comm. 1.1 (Soil morphology and micromorphology)</b>				
Chair	11c1	Italy	<b>Fabio Terribile</b>	<p><b>Fabio Terribile</b> (PhD, Aberdeen Univ, UK) is a full professor at Università di Napoli Federico II and the Director of a Research Centre on the Earth Critical Zone (<a href="http://www.crisp.unina.it">www.crisp.unina.it</a>). He has been President of the Italian Society of Pedology (2010-2016) and currently he chairs Commission of Soil Morphology and Micromorphology at IUSS. He is/has been active in Editorial Boards, project leader of research projects (e.g. COST, LIFE+, Horizon2020). He is also author of more than 100 publications including 75 publications on ISI journals. (h index (WoS): 23.) His research interest spans in very different domains of soil science. During his career, he developed a strong interest in soil micromorphology and its application in genesis, image analysis and soil structure.</p> <p><b>Ádám Csorba</b> works as assistant professor at the Department of Soil Science of the Hungarian University of Agriculture and Life Sciences. His teaching and research activities focus on the integration possibilities of modern, spectroscopic technologies into the workflow of soil observation. His intention is to broaden the Commission activities to digital soil morphometrics. His IUSS contributions: Secretary of the International Field Course and Soil Judging Contest (Hungary, 2015) and member of the organizing team of the 3rd International Soil Judging Contest organized in the frame of the 21st IUSS World Congress of Soil Science (Brazil, 2018).</p>
Vice	11v1	Hungary	<b>Adam Csorba</b>	
<b>Comm. 1.2 (Soil geography)</b>				
Chair	12c1	Russia	<b>Sergey V. Goryachkin</b>	<p><b>Sergey V. Goryachkin</b>, Prof. and Head of Department of Soil Geography and Evolution, Institute of Geography, Russian Academy of Sciences, Moscow, Russia. Major information is here: <a href="http://igras.ru/en/staff/59">http://igras.ru/en/staff/59</a></p> <p>S.V.Goryachkin is the active member of the IUSS, participant of every WCSO since 1998, has been working as a vice-chair of the Commission 1.2., together with T.Scholten as a chair of the commission since 2018. We decided to keep the policy of our commission and save (or even widen) our active group of specialists, approve and confirm the Fridland's award and plan the activity for the next period. As Thomas Scholten is close to the end of his second period being the Chair of C1.2 the Commission decided to nominate Sergey Goryachkin for the Chair. It would guarantee the continuity of the commission activity.</p> <p><b>Eduardo Guimarães Couto</b>. In 1987 assumed the position of Professor at the Federal University of Mato Grosso, teaching courses in Soil Classification and Soil Conservation. Conducting research with carbon biogeochemistry. From 2016 working with the effects of soil moisture on the emission of greenhouse gases related to the application of biochar, genesis and classification of soils in wetlands of the Pantanal, spatial variability of the soil applied in precision agriculture emission of greenhouse gases in undisturbed ecosystems and analysis of the life cycle of agriculture. <a href="https://drive.google.com/file/d/1urmWL3oLrVGI9XSNXiiMG6mFYaMfYaJ1/view?usp=sharing">https://drive.google.com/file/d/1urmWL3oLrVGI9XSNXiiMG6mFYaMfYaJ1/view?usp=sharing</a></p> <p><b>Yusuke Takata</b> is a Principal Researcher of Institute for Agro-Environmental Sciences, National Agriculture and Food Research Organization. He obtained his PhD from Kyoto University in 2007. He worked at National Institute for Agro-Environmental Sciences in 2007 as a Postdoctoral researcher. He had been a member of the working group of the Plan of Action for Pillar Five of the Global Soil Partnership. He is in charge of the national soil information system in Japan. He hopes to open a symposium on "state of the art soil environmental informatics". <a href="https://www.researchgate.net/profile/Takata-Yusuke-2">https://www.researchgate.net/profile/Takata-Yusuke-2</a></p>
Vice	12v1	Brasil	<b>Eduardo Guimarães Couto</b>	
Vice	12v2	Japan	<b>Yusuke Takata</b>	
<b>Comm. 1.3 (Soil genesis)</b>				
Chair	13c1	Hungary	<b>Endre Dobos</b>	<p><b>Endre Dobos</b> made a Ph.D. in Digital Soil Mapping at Purdue University, Agronomy Department, USA, in 1998 and a M.Sc. in GIS and Environmental Survey at the Technical University of Budapest, Faculty of Civil Engineering in 1996, and M.Sc. in Agronomy from the University of Agricultural Sciences at Gödöllő. He is an Associate professor at the University of Miskolc, Dept. of Physical Geography and Environmental Sciences. His educational activity covers soil science and GIS related courses. His research activity focuses on digital soil mapping, field soil mapping and interpretation, supporting precision agriculture and the development of global, small scale soil databases. He is serving as chair of the IUSS Commission 1.3. Soil Genesis.</p> <p><b>Yuji Maejima</b> is a senior researcher, Division of Soil Environment Management, Institute for Agro-Environmental Sciences, NARO(NIAES). He got his PhD from University of Tsukuba in 1999. He worked at Research Center for Nuclear Science and Technology, The University of Tokyo in 2001-2004 as a postdoctoral researcher. Since 2004, he has worked at present institute, and has mainly worked for soil genesis and classification in Japan. He has also been the secretary general of Japanese Society of Pedology since 2016. He hopes to invite next "International Soil Classification Congress", including a field excursion in Japan. <a href="https://researchmap.jp/read0202197?lang=en">https://researchmap.jp/read0202197?lang=en</a></p>
Vice	13v1	Japan	<b>Yuji Maejima</b>	
<b>Comm. 1.4 (Soil classification)</b>				
Chair	14c1	South Afri	<b>Cornelius van Huyssteen</b>	<p><b>Cornie van Huyssteen</b> is a professor at the University of the Free State in South Africa. His research focuses on the relationship between soil morphology and soil hydrology. He received his Ph.D. in 2004 at the University of the Free State. He is a member of the International Union of Soil Sciences working group for the World Reference Base and served as vice-chair of this working group from 2010 - 2018. He was president of the Soil Science Society of South Africa. He is author of 55 reviewed papers and has supervised more than 20 MSc and PhD students.</p> <p><b>David Badia-Villas</b> is a professor of Soil Science in the Department of Agricultural and Environmental Sciences of the Technological College of Huesca, University of Zaragoza. He has supervised around one hundred Final Degree, Master's and Doctoral theses. He coordinated the 27th National Meeting of the Spanish Society of Soil Science (Huesca, 2009). Current President of the Aragon Territorial Delegation of the Spanish Society of Soil Science. He is the co-author (index h= 21) of more than a hundred scientific articles (<a href="https://www.researchgate.net/profile/David-Badia-2">https://www.researchgate.net/profile/David-Badia-2</a>) on the genesis and classification of soils, and the effects of fire on soil properties (<a href="https://fuegosol.weebly.com/">https://fuegosol.weebly.com/</a>). He is also the author of more than 30 chapter of books and apps (<a href="http://www.cienciadelsuelo.es">www.cienciadelsuelo.es</a> (Spanish and English versions), an interactive program for soil knowledge, and iAraSol to study and classify (WRB) soils of Aragon (<a href="http://www.suelosdearagon.com/">www.suelosdearagon.com/</a>).</p> <p><b>Akihiro Imaya</b> is a leader of Team of Site evaluation, Department of Forest Soils, Forestry and Forest Products Research Institute. He obtained his PhD from Kyoto University in 2010. He worked at Forestry Division, Japan International Research Center for Agricultural Sciences from 2016 to 2020 as a senior researcher. He made a great contribution to the compilation of the Soil Classification System of Japan. He has worked for various projects related to soil classification and forest management in forest ecosystems including carbon sequestration in Japan, Laos and Cambodia. He hopes to open a symposium on "soil classification and management in forest ecosystems". <a href="https://www.researchgate.net/profile/Akihiro_Imaya-2">https://www.researchgate.net/profile/Akihiro_Imaya-2</a></p>
Vice	14v1	Spain	<b>David Badia-Villas</b>	
Vice	14v2	Japan	<b>Akihiro Imaya</b>	

### Comm. 1.5 (Pedometrics)

Chair	15c1	France	<b>Alexandre Wadoux</b>	<p><b>Alexandre Wadoux</b> graduated in Environmental Geography from the University of Angers, France, in 2012. He obtained his master degrees in soil science (Tübingen, Germany) and philosophy of science (Nantes, France). Later on, he graduated from Wageningen University (Netherlands) in 2019 with a PhD thesis entitled Sampling design optimization for geostatistical modelling and prediction co-supervised by Prof. Gerard Heuvelink and Prof. Dick Brus. These studies were undertaken within a highly competitive Marie Curie Initial Training Network (EU) programme, under which he gained experience as a visiting researcher at University of Sydney, British Geological Survey, Delft University of Technology, and Bristol University. He collaborated with institutes and universities from many countries in Europe, Asia, and America. He currently works as a research associate at the Sydney Institute of Agriculture &amp; School of Life and Environmental Sciences, Australia.</p>
Vice	15v1	Italy	<b>Simone Priori</b>	<p><b>Simone Priori</b> (male) is an associate Professor in Pedology at University of Tuscia (Viterbo, Italy). He is a pedologist with experience in proximal soil sensors, digital soil mapping, soil description and classification. After Master's degree in Geology (2004) and PhD in Earth Science (2009) at University of Siena, Italy, he was a researcher of Research Centre for Agriculture and Environment (CREA-AA), Florence, Italy, from 2012 to January 2020. He had internship experiences at University of Ghent (Belgium, 2009) and UFZ, Leipzig (Germany, 2012) focused on electromagnetic induction sensing. He was project manager of Core-Organic+ project "RESOLVE" (2015-'18), task leader of H2020 EXCALIBUR (2019-'24), Italian research unit leader and WP leader of EJP-Cofund "EJP SOIL" (2019-2024, left for job moving from CREA to University). He is co-author of 33 publications in ISI journals, mainly focused on proximal soil sensing and soil-viticulture relationships. Personal website: <a href="https://sites.google.com/view/simonepriori/">https://sites.google.com/view/simonepriori/</a></p>
Vice	15v2	China	<b>Zhou Shi</b>	<p><b>Zhou Shi</b> is a Professor and the vice-dean for the College of Environmental and Natural Resource Sciences at Zhejiang University, China. He is internationally recognized for his contributions in the theoretical, conceptual, and quantitative groundwork to measure and model soil in space and time through the development of mathematical methods and information technology. He chaired the Proximal Soil Sensing WG of IUSS (2016-2020), and currently chairing the Commission: Soil Remote Sensing and Information System of the Soil Science Society of China. He is an editor or guest editor of 10+ journals and has published 200+ journal papers and 8 books. Homepage URL: <a href="https://person.zju.edu.cn/en/shizhou">https://person.zju.edu.cn/en/shizhou</a></p>

### Comm.1.6 (Paleopedology)

Chair	16c1	Russia	<b>Maria Bronnikova</b>	<p><b>Maria Bronnikova</b>, Candidate of Biological Sciences (PhD), senior research scientist in Institute of Geography Russian Academy of Sciences, dpt. of Soil Evolution and Soil Geography. Field of interests: soil morphology and micromorphology, soils in space and time, paleosols, multiproxy records of environmental change, geoarchaeology. Field experience: European part of Russia, Caucasus, Kazakhstan, South Siberia, Mexico, deserts of US, Mongolia. Since 1999 participated in 9 meetings of the Commission 1.6.; co-organizer of IAG Geoarchaeological WG conference (2012), 12th International Symposium and Field Workshop on Paleopedology (2013), "Mammoth" ultra-continental WRB field workshop (2013). Chair of the IUSS Commission 1.6 Paleopedology (2018-2022), Leader of INQUA Paleopedology Working Group (2020-2023). <a href="http://www.igras.ru/en/node/267">http://www.igras.ru/en/node/267</a>, <a href="https://www.researchgate.net/profile/Maria-Bronnikova">https://www.researchgate.net/profile/Maria-Bronnikova</a></p>
Vice	16v1	Mexico	<b>Elizabeth Solleiro-Rebolledo</b>	<p><b>Elizabeth Solleiro-Rebolledo</b> was born in Mexico City in 1963. She got her PhD in Earth Sciences at 1998. Since 1998, currently works as researcher at the Institute of Geology, at UNAM. Her main research areas are pedogenesis, paleopedology and geoarchaeology. She has published 60 papers in SCI journals, 20 papers in national journals and several book chapters. She is a co-author of the book "the Soils of Mexico", edited by Springer. She has been and participated in several national and international projects. Nowadays she is the vice-chair of the Paleopedology Commission of the IUSS. Institutional web page: <a href="https://www.geologia.unam.mx/comunidad-igl/solleiro-rebolledo-e">https://www.geologia.unam.mx/comunidad-igl/solleiro-rebolledo-e</a></p>
Vice	16v2	Italy	<b>Claudio Zucca</b>	<p><b>Claudio Zucca</b>, PhD, Pedology scientist at Sassari University (Italy), has interdisciplinary research interests mainly focusing on i) soil and landscape relationships and paleosols, ii) land&amp;soil survey, mapping and evaluation, and iii) assessment of land degradation and desertification. His studies range from micromorphology to landscape-scale modelling. Since almost a decade he is actively working on Upper Pleistocene paleosols with an international team of pedologists and sedimentologists. He has a genuine enthusiasm for paleosols and their role in paleoenvironmental research which he considers a most challenging and exciting topic and is eager to contribute to promote paleopedology in soil and environmental sciences.</p>

## Division 2 (Soil Properties and Processes)

Position	ID#	Country	Name	Biography
Chair	20c1	Japan	<b>Shinya Funakawa</b>	<p><b>Shinya Funakawa</b> is a professor of Kyoto University. He obtained his Ph. D. degree in Agricultural Science at Kyoto University (1993) and maintains active research and teaching program focusing on soil science and terrestrial ecosystems management as a double appointment faculty at Graduate Schools of Agriculture and of Global Environmental Studies at Kyoto University. He is an author or co-author of over 150 scientific journal publications and 10 books. His main topics are the linkage of pedogenetic and ecosystem processes both in natural and agricultural ecosystems in wide range of bio-climatic conditions from humid tropics to continental dryland and application of such knowledge to respective human agricultural activities in different regions of the world. He hopes to open a symposium on "linkage of biological processes and pedogenesis on different ecosystems."</p> <p><a href="http://www2.ges.kyoto-u.ac.jp/en/members/funakawa-shinya/">http://www2.ges.kyoto-u.ac.jp/en/members/funakawa-shinya/</a></p>
Chair	20c2	USA	<b>Ganga Hettiarachchi</b>	<p><b>Ganga Hettiarachchi</b> is Professor of Soil &amp; Environmental Chemistry at Kansas State University (U.S.). Her research interests focus on better understanding the mechanisms and interactions involved in soil chemical reaction processes and has been involved in a multitude of research projects within the field of soil chemistry. She served as chair of IUSS Commission 4.2 – Soils, Food Security and Human Health (2014-2018). Dr. Hettiarachchi is a fellow of the American Society of Agronomy. She published more than 70 peer-reviewed papers, 132 abstracts and 7 invited book chapters. She earned her PhD in soil chemistry from Kansas State University (U.S.).</p> <p><a href="https://www.agronomy.k-state.edu/research/soil-and-environment/soil-environment-chem/index.html">https://www.agronomy.k-state.edu/research/soil-and-environment/soil-environment-chem/index.html</a></p>
Chair	20c3	Italy	<b>Giuseppe Corti</b>	<p><b>Giuseppe Corti</b>. Full professor of Pedology. President of the 3-years First Cycle Degree Graduation "Forest and Environment" and the 2-years Master Degree Graduation "Forest, Soil and Landscape " (Università Politecnica delle Marche - Italy). 92 papers on impacted Journals, 10 book-chapters (citations: 1530; h-index: 23). Membership: Italian Society of Pedology (SIPE), Italian Society of Soil Science (SISS), International Union of Soil Sciences (IUSS), European Society for Soil Conservation (ESCC). Within SISS: President of Commission (2008-2009); Steering Committee (2009-2015); President of Division (2015-2016); Steering Committee (2017-2018); President of Division (2019-2020); President-Elect (January 2021). Within SIPE: Secretary-Bursary (2009-2015); President (2016-2021). 2020, Presidential Council of Italian Association of the Agricultural Scientific Societies (AISSA). 2021, National Academy of Agriculture (Italy).</p>
<b>Comm. 2.1 (Soil physics)</b>				
Chair	21c1	Argentina	<b>Silvia C. Imhoff</b>	<p><b>Silvia C. Imhoff</b> studied in the Agricultural Science Faculty at the National University of Litoral (UNL) (Argentina). She concluded the Ph.D. in Agronomy (Soil Physics) at the University of São Paulo (Brasil) (2002). She was Visiting Scientist at the University of Guelph (Canada) (2001 and 2007). Dr. Imhoff currently works as Associate Professor of Soil Management at the Agricultural Science Faculty (UNL) and as Researcher of the National Research Council (CONICET). She is the Head of the Institute of Agricultural Science CONICET-UNL. Associate editor of Geoderma and Scientia Agricola journal, Advisor of Master's and PhD theses, with more than 60 research papers in international and local journals and chapters in books published, her research interests include soil compaction, soil physical quality-plant interaction and more recently manure application effects on soil physical quality-plant interactions.</p> <p><a href="https://drive.google.com/file/d/1d7qbHxVRTaZx4YGws3zY4Mg4HYIezELV/view?usp=sharing">https://drive.google.com/file/d/1d7qbHxVRTaZx4YGws3zY4Mg4HYIezELV/view?usp=sharing</a></p>
Chair	21c2	China	<b>Xinhua Peng</b>	<p><b>Xinhua Peng</b> is a full professor of soil physics at the Institute of Soil Science, Chinese Academy of Sciences (ISSCAS). He was granted the Max-Planck fellow, DFG research fellow and Marie Curie Experienced Researcher during his stay in Germany and Ireland in 2004-2009. In 2017, Dr. Peng was awarded the Distinguished Young Scholar of National Natural Science Foundation of China (NSFC). He was the president of International Soil Tillage Research Organization (2012-2015) and the chairman of Soil Physics Committee of Soil Science Society of China (2012-2020). He is currently serving as a co-editor-in-chief for Soil &amp; Tillage Research, a member of the editorial boards of Geoderma, CATENA, and Acta Pedologica Sinica. Dr. Peng has published over 100 SCI papers and 4 chapters. His main research interests include (1) soil structure and its function in agroecosystem, and (2) soil hydrological process and its driving biogeochemical cycling.</p> <p><a href="http://sourcedb.issas.cas.cn/yw/rc/fas/201912/t20191209_5450612.html">http://sourcedb.issas.cas.cn/yw/rc/fas/201912/t20191209_5450612.html</a></p>
Chair	21c3	Germany	<b>Daniel Uteau</b>	<p><b>Daniel Uteau</b> studied forestry sciences at the Universidad Austral de Chile and graduated 2004 as a forest engineer. He assisted several research projects until 2009 when he joined the Institute of Plant Nutrition and Soil Science at University of Kiel where he obtained his PhD in 2013 on soil aeration related to pore networks and root growth. He continued as Assistant Professor at the department of Soil Science of the University of Kassel until now. His current research fields are soil sciences related to Agriculture, Forestry and Environmental sciences where he has devoted himself to the field of soil physics (soil mechanics and hydrology), especially by means of non-invasive 3D-Image analysis (X-Ray microtomography, 3D-Laser scanning and aerial photography). He has assisted more than 7 research projects and co-directed 10 more, while summing up 32 publications in peer-reviewed journals and presented in more than 55 congresses worldwide. Daniel Uteau is a long-time member of the German Soil Science Society (DBG).</p>
Chair	21c4	Japan	<b>Kosuke Noborio</b>	<p><b>Kosuke Noborio</b> is the full professor of Soil and Environmental Physics at School of Agriculture, Meiji University. He received his Ph.D. in Soil Science from Texas A&amp;M University, College Station, Texas, in 1995. Between 1995 and 2005, he was a postdoctoral fellow at the University of Guelph, a postdoctoral research associate at Iowa State University, and a lecturer/associate professor at Iwate University. He moved to Meiji University in 2005 as an associate/full professor and supervised 15 Ph.D. students. His research interests involve mass and energy transport in soil and atmosphere. He intends to host international symposia related to "mass and energy exchange in environments."</p> <p><a href="https://scholar.google.co.jp/citations?user=OgdtWIIAAA&amp;hl=ja">https://scholar.google.co.jp/citations?user=OgdtWIIAAA&amp;hl=ja</a></p>
Chair	21c5	Brazil	<b>José Miguel Reichert</b>	<p><b>José Miguel Reichert</b> holds a PhD from Purdue University - USA. Since 1996 he is a full professor of soil physics at the Federal University of Santa Maria - Brazil. He is the Editor-in-Chief of the Brazilian Soil Science Journal. He was a visiting scientist at USDA, Purdue University, and Texas A&amp;M University; member of the CNPq Agricultural Sciences committee; Scientific Director of the Research Support Foundation of the State of Rio Grande do Sul; and consultant for FAO. Published over 220 scientific publications (h-index=32), mainly on soil structure and hydrology and erosion and hydrology in small rural watersheds.</p> <p><a href="https://drive.google.com/file/d/1F2recBdV-iEpnU9H5RY5gca6AJVfkaon/view?usp=sharing">https://drive.google.com/file/d/1F2recBdV-iEpnU9H5RY5gca6AJVfkaon/view?usp=sharing</a></p>
Vice	21v1	Poland	<b>Cezary Sławiński</b>	<p><b>Cezary Sławiński</b>, Professor and corresponding Member of Polish Academy of Sciences (PAS), works at the Institute of Agrophysics PAS, where he has been the director since 2015. One of his greatest scientific achievements is the development of an instantaneous profiles method and algorithms for determining the water conductivity coefficient. Till the beginning of 2021 he published 106 papers in peer-reviewed journals (57 from the JRC list), his h-index reached 18 and the sum of citations 947. He is a co-author of 13 monographs and books and an associate editor of International Agrophysics and The Scientific World Journal.</p>
Vice	21v2	Japan	<b>Sadao Eguchi</b>	<p><b>Sadao Eguchi</b> is a Senior Researcher of NIAES (Institute for Agro-Environmental Sciences, NARO). He obtained his PhD from Hokkaido University in 2008. He started working in South America for Andean agricultural soils, at Instituto Nacional de Investigaciones Agropecuarias, Ecuador, in 1991. Since 1996, he has worked in NIAES for various projects related to water, carbon, nitrogen, and radionuclides dynamics in soil and agroecosystems based on soil physics and biogeochemistry. He has also used nitrogen footprint approach for linking consumers' behavior with soil health. He hopes to open a symposium on "soil functions and organic farming in sustainable food system".</p> <p><a href="https://www.researchgate.net/profile/Sadao-Eguchi">https://www.researchgate.net/profile/Sadao-Eguchi</a></p>

## Comm. 2.2 (Soil chemistry)

Chair	22c1	China	<b>Jianming Xu</b>	<p><b>Jianming Xu</b> is a soil scientist with particular interests in the field of soil pollution and remediation. He had a BA (1985) and Ph.D. in soil science (1990) at Zhejiang University, China. He was elected as a Fellow of American Society of Agronomy (2018) and Soil Science Society of America (2020). As a leading scientist, Prof. Dr. Xu receives numerous invitations to present his research at national and international conferences. He has published more than 500 peer-reviewed papers, and is internationally recognized in the area of soil pollution processes and remediation. In addition, Dr. Xu is an associate Editor-in-Chief of Biogeosciences and Pedosphere.  <a href="https://person.zju.edu.cn/en/0091258">https://person.zju.edu.cn/en/0091258</a></p>
Chair	22c2	Mexico	<b>Otilio Arturo Acevedo Sandoval</b>	<p><b>Otilio Arturo Acevedo Sandoval</b> is a full professor of Basic Science and Engineering Institute, Autonomous University of Hidalgo State (Mexico). He obtained his PhD in Biological Science from Geological Institute and Science Faculty, National Autonomous University (Mexico) and his PhD in Chemical Science from Basic Science and Engineering Institute, Autonomous University of Hidalgo State (Mexico). He worked at Superior Studies Faculty of Cuautitlán, National Autonomous University (Mexico) and at Metropolitan Autonomous University-Iztapalapa (Mexico). He had managed different research institutes at Autonomous University of Hidalgo State (Mexico): Soil Science Institute, Agronomus Science Institute and, currently, Basic Science and Engineering Institute. He has written 108 peer reviewed papers, 9 book chapters and 3 books. He advised over 49 graduate students. At the moment, he is vicepresident of Mexican Soil Science Society.  <a href="https://scholar.google.com/scholar?hl=es&amp;as_sdt=0%2C5&amp;q=otilio+arturo+acevedo+sandoval&amp;oq=otilio+arturo">https://scholar.google.com/scholar?hl=es&amp;as_sdt=0%2C5&amp;q=otilio+arturo+acevedo+sandoval&amp;oq=otilio+arturo</a></p>
Chair	22c3	Japan	<b>Akira Watanabe</b>	<p><b>Akira Watanabe</b> is a full professor of Graduate School of Bioagricultural Sciences, Nagoya University. He obtained his PhD from Nagoya University in 1990 and worked there as an assistant professor and associate professor before being promoted to his current position in 2011. He also worked at the Macaulay Institute (now the James Hutton Institute), UK, as a research scholar in 1998. He specializes in the chemistry and dynamics of soil organic matter and received the Japanese Society of Soil Science and Plant Nutrition Award for those researches. He has also been involved in international projects related to methane flux from rice paddies, turnover and stability of organic carbon in agricultural soils, and dissolved organic matter in soil-river-coastal sea ecosystems in Thailand, Indonesia, China, Malaysia, USA, and Japan. He is interested in holding symposium aimed at elucidating the formation process of organo-mineral complexes in soil and/or increasing the accumulation of soil organic carbon in stable forms.  <a href="https://www.researchgate.net/profile/Akira-Watanabe-8">https://www.researchgate.net/profile/Akira-Watanabe-8</a></p>
Chair	22c4	Netherlan	<b>Boris Jansen</b>	<p><b>Boris Jansen</b> is Associate Professor of Soil Chemistry at the University of Amsterdam, The Netherlands. Of the various soil scientific disciplines, soil chemistry holds his particular interest. He is fascinated by biogeochemistry in general and in particular by understanding the fate of soil organic matter. He has a passion to apply science to help address Grand Challenges such as climate change. Moreover, he is currently Editor-in-Chief of Soil &amp; Tillage Research and previously served as President of the Dutch Soil Science Society. Dr. Boris Jansen is the current Chair of the Soil Chemistry Commission hoping to renew his term.  <a href="https://www.uva.nl/en/profile/f/a/b.jansen/b.jansen.html">https://www.uva.nl/en/profile/f/a/b.jansen/b.jansen.html</a></p>
Chair	22c5	USA	<b>Yu (Frank) Yang</b>	<p><b>Yu (Frank) Yang's</b> research expertise is focused on the redox chemistry of organic carbon and emerging contaminants, with broad implications on soil management, climate change, and water reuse. His research has led to over 80 peer-reviewed publications (2959 total citations; H-index=32). His research has been supported by U.S. National Science Foundation, Department of Energy, Department of Agriculture, and industrial partners. He was awarded many national and international research fellowship/awards and his leadership is also shown by his editorial service for leading journals. He is an Associate Professor in the Department of Civil and Environmental Engineering at University of Nevada, Reno.  <a href="https://scholar.google.com/citations?user=5uC8YkEAAA&amp;hl=en">https://scholar.google.com/citations?user=5uC8YkEAAA&amp;hl=en</a></p>
Vice	22v1	Chile	<b>Yasna Tapia F.</b>	<p><b>Yasna Tapia F.</b> (1972). She is an academic, associate professor, at the Faculty of Agronomic Sciences of the Universidad de Chile, author of more than 20 ISI publications of soil chemistry, metal contamination and phytoremediation. Thesis director, around 12, of the Master's Program in Soil and Water Management. She is currently vice president of the Chilean Society of Soil Science and Director of the Engineering and soil Department of Universidad de Chile.  <a href="https://investigadores.anid.cl/es/public_search/researcher?id=26912">https://investigadores.anid.cl/es/public_search/researcher?id=26912</a></p>
Vice	22v2	Japan	<b>Noriko Yamaguchi</b>	<p><b>Noriko Yamaguchi</b> is a deputy head of inorganic chemicals group, Institute for Agro-environmental sciences, NARO. She is leading a project on mitigation of As, Cd and radionuclides in crop. She obtained her PhD from Tokyo University of Agriculture and Technology in 1997. She worked at Department of Plant and Soil Science, University of Delaware in 1999 as a visiting scientist. Her current research focuses on plant availability and speciation of inorganic chemicals in soils using macro- and micro/nano-scale spectroscopic tools. She is proposing a symposium on multiscale understanding of soil chemical processes.  <a href="https://researchmap.jp/137?lang=en">https://researchmap.jp/137?lang=en</a></p>
Vice	22v3	Belgium	<b>Karen Vancampenhout</b>	<p><b>Karen Vancampenhout</b> is professor of Soil Science at KULeuven. She has research projects in six countries, focussed on soil organic matter chemistry and on combatting land degradation in (agro)-ecosystems. She advocates soil awareness by exhibits and activities for the general public. Her MOOC on tropical soils was an EdX prize finalist. She serves as Senior Associate Editor for Geoderma, president of the Soil Science Society of Belgium and current vice-chair of the IUSS Soil Chemistry Commission. In that capacity, she focusses on bridging the gap between geochemistry and soil ecology.  <a href="https://www.kuleuven.be/wieiswie/en/person/00045301">https://www.kuleuven.be/wieiswie/en/person/00045301</a>  <a href="https://ees.kuleuven.be/soil-monoliths/">https://ees.kuleuven.be/soil-monoliths/</a></p>

### Comm. 2.3 (Soil biology)

Chair	23c1	China	<b>Zhongjun Jia</b>	<p><b>Zhongjun Jia</b>, Institute of Soil Science, Chinese Academy of Sciences (CAS), China. Dr. Jia is a CAS Distinguished Professor. Ph.D. (2002) at the CAS Institute of Soil Science, followed by postdoctoral work at USDA/ARS, Nagoya University (Japan), and Max Planck Institute for Terrestrial Microbiology (Germany).</p> <p>Awarded CAS 100-Talent Program (2008); 'Best-of-the-best of Awardees' (2012); Distinguished Professor (2015). Research focuses on the ecophysiology of ammonia and methane oxidizers. Served on editorial boards of 9 journals including Soil Biology Biochemistry and Applied &amp; Environmental Microbiology.</p> <p>Awarded 11 national research grants, published 165 papers (118 in English and 40% in tier-1 journal), and collaborated with colleagues from 23 countries.</p> <p><a href="http://www.researcherid.com/rid/B-9770-2011">http://www.researcherid.com/rid/B-9770-2011</a>  <a href="https://scholar.google.com/citations?hl=en&amp;user=844ShOYAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=844ShOYAAAAJ</a></p>
Chair	23c2	Spain	<b>Alberto Acedo Becares</b>	<p><b>Alberto Acedo</b> is a Spanish biotech entrepreneur and the scientific soul of Biome Makers 'technology, a Silicon Valley startup focus on agriculture - soil microbiome - application to promote global sustainable farming. PhD in biotechnology, specialized in NGS sequencing and machine learning. TEDx speaker, European Commission Expert and GLOSOLAN (FAO) member. Recognized as young AgTech visionary by MIT tech review and Agfunder among others. Count tens of patents and scientific reports, and hundred research projects ongoing in collaboration with different institutions worldwide, leading Fields4Ever initiative.</p> <p><a href="https://www.linkedin.com/in/albertoacedo/">https://www.linkedin.com/in/albertoacedo/</a></p>
Chair	23c3	Germany	<b>Michael Schloter</b>	<p><b>Michael Schloter</b> is head of the Institute for "Comparative Microbiome Analysis" at the Helmholtz Center for Environmental Health in Munich, Germany and Professor for Microbiology at the Technical University of Munich. The focus of his work is dedicated to an improved understanding of factors which drive microbial network formation in soil, related functional traits and links to ecosystem service. The role of the soil microbiome as a driver for plant health is one of his major interests. Michael has published more than 400 articles in peer-reviewed journals. With an h-factor of 85 he belongs to the group of Highly Cited Researchers since 2019.</p> <p><a href="http://www.helmholtz-muenchen.de/comi">www.helmholtz-muenchen.de/comi</a></p>
Chair	23c4	Italy	<b>Stefano Mocali</b>	<p><b>Stefano Mocali</b>, Biologist, with a PhD in "Soil Science and Climatology" (2003) and a national academic qualification as Full Professor in Agronomic Microbiology (2019), he's researcher at CREA- Agriculture and Environment Research Centre, Florence (Italy). Chair of "Soil Biology, Microbiology and Biodiversity" committee of the Soil System Sciences (SSS) of the European Geosciences Union (2015-2016), nowadays he's President of Division II (Soil properties and processes) of the Italian Society of Soil Sciences (SISS). Author of 45 publications on ISI Journals (citations: 1735; h-index: 21), he's coordinating the H2020 project "Exploiting the multifunctional potential of belowground biodiversity in horticultural farming – EXCALIBUR (Grant 817946)".</p>
Vice	23v1	Poland	<b>Magdalena Frąc</b>	<p><b>Magdalena Frąc</b>, Prof. at Institute of Agrophysics Polish Academy of Sciences, Lublin, Poland. Head of Department of Soil-Plant System, chair holder of Molecular and Environmental Microbiology group with &gt;15 years of experience in research on functional and genetic diversity and activity of soil microbial communities. She is focused on organic waste utilization, bioproducts and biofertilizers for agroecology, microbial soil quality indicators and markers of ecological soil status. Her interests concern plant-soil-microbiome interactions, biotechnological solutions for diagnostics, control and monitoring of key fungal pathogens in sustainable organic agriculture. Other relevant experiences include coordination of national and international research and infrastructure projects (~8 Mio €) and publication ~ 100 articles (h-index: 17, cited: &gt;1000 times).</p> <p><a href="https://orcid.org/0000-0001-9437-3139">https://orcid.org/0000-0001-9437-3139</a></p>
Vice	23v2	Japan	<b>Keishi Senoo</b>	<p><b>Keishi Senoo</b> is a professor of Graduate School of Agricultural and Life Sciences, The University of Tokyo. He obtained his PhD from the University of Tokyo in 1994. He worked at Department of Agriculture, The University of Tennessee in 1995 as a visiting researcher. He has worked on soil microbial functions for sustainable agriculture and environmental conservation. He published more than 100 papers in prominent international journals on pesticide decomposition in soil, microbial nitrogen transformation in paddy soil, microbial N2O mitigation in upland soil, and other related studies. He hopes to organize a symposium on "nitrogen dynamics and N2O mitigation in agricultural soils".</p> <p><a href="https://researchmap.jp/UTokyo_KSenoo?lang=en">https://researchmap.jp/UTokyo_KSenoo?lang=en</a></p>

### Comm. 2.4 (Soil mineralogy)

Chair	24c1	Russia	<b>Sofia N. Lessovaia</b>	<p><b>Sofia N. Lessovaia</b> is an active member of the IUSS, participant of the World SS congresses since 2002, has been working as a vice-chair of the Soil Mineralogy commission (2.4), together with Stephen Hillier as a chair since 2018. Sofia is the specialist in soil (clay) mineralogy, rock weathering in soil environment, and soil genesis; participant of many International Clay Conferences (Euroclay, ICC) since 1998. She is also the reviewer of the international journals, the organizer of a number of international conferences, field tours and student practices, and the winner of several international fellowships in Germany (DAAD projects) and Sweden.</p> <p><a href="http://earth.spbu.ru/en/structure/staff/?srchPat%5B0%5D=lessovaia">http://earth.spbu.ru/en/structure/staff/?srchPat%5B0%5D=lessovaia</a></p>
Vice	24v1	Japan	<b>Tomoyuki Makino</b>	<p><b>Tomoyuki Makino</b> is a full professor at Graduate School of Agricultural Science, Tohoku University. He obtained his PhD from Tohoku University in 2000. He worked at the Institute for Agro-Environmental Sciences, National Agriculture and Food Research Organization until 2018 as Head of the Inorganic Chemicals Unit. He has studied the redox function and dynamics of manganese and iron minerals in soils, in relation to crop absorption of toxic metal elements such as cadmium and arsenic. He hopes to open a symposium on "Clay minerals interaction with microorganisms and hazardous chemicals in soil environment".</p> <p><a href="https://www.researchgate.net/profile/Tomoyuki_Makino-3">https://www.researchgate.net/profile/Tomoyuki_Makino-3</a></p>
Vice	24v2	Brazil	<b>Edson Campanhola Bortoluzzi</b>	<p><b>Edson Campanhola Bortoluzzi</b> is a Titular Professor at the University of Passo Fundo in South Brazil, and the head of the Laboratory of Land Use and Natural Resources. He is a specialist in mineralogy related to geological, agronomical, and environmental sciences. He is a productivity researcher fellowship from the National Council for Scientific and Technological Development (CNPq, Brazil). Bortoluzzi received his Ph.D. degree from Institut National Agronomique Paris/Grignon (INAPG) France. He took a sabbatical year in 2012/13 at the Université de Poitiers (France) in the IC2MP laboratory, Hydrasa team. He advises students from all levels.</p> <p><a href="https://drive.google.com/file/d/1ZVgHxsRfTry_IW8RB6krBa4V2rrfS_oP/view?usp=sharing">https://drive.google.com/file/d/1ZVgHxsRfTry_IW8RB6krBa4V2rrfS_oP/view?usp=sharing</a></p>

## Comm. 2.5 (Soil interfacial relations)

Chair	25c1	Argentina	<b>Elke J. Noellemeyer</b>	<p><b>Elke J. Noellemeyer</b> is Professor of Soil Science at the Agriculture College of National University of La Pampa, Argentina and worked in research and teaching for over 30 years, focusing on understanding the interaction of chemical, physical and biological processes for sustainable soil management and ecosystem services. I also lead many extension activities together with local farmers to translate science to actions. I have been long-standing member of the Argentinean Association of Soil Science and the International Soil and Tillage Research Organization, and currently I am serving as Editor-in-Chief for Soil &amp; Tillage Research Journal.  <a href="http://www.agro.unlpam.edu.ar/index.php/academica/docentes/profesores-adjuntos/565-noellemeyer-elke">http://www.agro.unlpam.edu.ar/index.php/academica/docentes/profesores-adjuntos/565-noellemeyer-elke</a></p>
Chair	25c2	China	<b>Qiaoyun Huang</b>	<p><b>Qiaoyun Huang</b> is a Changjiang Scholar Professor, a Distinguished Young Scholar of NSFC and the Vice Director of State Key Laboratory of Agricultural Microbiology at Huazhong Agricultural University, China. His research focuses on the interfacial processes of soil mineral-organic matter-microorganism interactions and environmental impacts. He has published 250 referred SCI papers. Dr. Huang is currently the vice chairman of Commission 2.5 of IUSS, and the executive board member of International Committee of ISEB. He was the Chairman of the 4th ISMOM and the 21st ISEB conferences. He serves as an editor or associate editor of Appl Soil Ecol, J Soil Sediment, Front Microbiol and Geomicrob J.  <a href="https://publons.com/researcher/2757960/qiaoyun-huang/">https://publons.com/researcher/2757960/qiaoyun-huang/</a></p>
Chair	25c3	Japan	<b>Rota Wagai</b>	<p><b>Rota Wagai</b> is a principal research scientist at National Agriculture and Food Research Organization (NARO), Japan. He obtained his PhD in Ecology and Environmental Science Program from University of Maine-Orono, USA, in 2005 with a focus on terrestrial biogeochemistry. His research covers both agricultural and natural ecosystems under both temperate and tropical climate. While he's been leading several projects at NARO related to soil carbon and biogeochemical cycling, he is active in international collaboration including the work he did at Agro-ecology, INRAE, France, in 2017-2018. He published 46 articles in journals indexed in ISI Web of Knowledge, 10 invited talks at international conferences, 40+ volunteer communications at international conferences, 13 articles for outreach at national level, 2 book chapters at national level (h-index 21). In 2019, he received P.M. Huang Prize, ISMOM, Commission 2.5 of the International Union of Soil Science. He plans to host the next ISMOM meeting in 2023.  <a href="https://www.researchgate.net/profile/Rota_Wagai">https://www.researchgate.net/profile/Rota_Wagai</a></p>
Vice	25v1	France	<b>Siobhán Staunton</b>	<p><b>Siobhán Staunton</b> is currently Chair of Commission 2.5 and has been very active in the organisation of the Inter-Congress meeting of Commission 2.5 (ISMOM), sessions of the WCSS and the promotion of the Commission. Siobhán read Chemistry at Oxford University and after Research Assistantships at both Oxford University and Imperial College, London, she joined the staff of the French Agricultural Research Institute (INRA, now INRAE) in 1988, where she is currently Research Director. She has published about 100 refereed papers and book chapters and has presented over 140 communications in national and international conferences. She has a considerable editorial activity for various soil science journals. She has been member of the International Committees of numerous international conferences in addition to ISMOM.</p>
Vice	25v2	Italy	<b>Adriano Sofo</b>	<p><b>Adriano Sofo</b>, Master Degree in Biological Sciences and Plant Biotechnology. PhD in Crop Production. 2000: Researcher, ENEA, Italy; 2002: Marie Curie Fellowship, Institute of Mol. Biol. and Biotechn., Heraklion, Greece. 2015: Fulbright Scholar, Univ. California, Davis. 2017: OECD Fellowship, Univ. Waikato, New Zealand. 2019: JSPS Grant, Kindai Univ., Japan. 2020: DAAD Stay, Univ. Bremen, Germany. Today: Associate Professor of Agricultural Chemistry, Univ. of Basilicata, Italy. Author of over 150 peer-reviewed papers. Editor-in-Chief of Int. J. Plant Biol., Section Editor-in-Chief of Plants, Assoc. Editor of Funct. Plant Biol. and Soil Use Manag. 2020: listed among 2% of the most cited world scientists.            Personal webpage            ORCID ID: 0000-0003-0305-308X            Scopus ID: 6602840446            Publons ID: L-6668-2014            ResearchGate profile            Google Scholar Citation Profile</p>
Vice	25v3	Chile	<b>Pablo Cornejo</b>	<p><b>Pablo Cornejo</b> (1978) is PhD. in Agricultural Biology (2006), Associate Professor at La Frontera University and Director of the Research Center in Mycorrhizae and Agrienvironmental Sustainability. Previously, he acted as President of the SchCS and encharged of Pillar 3 of GSP for Latin America. He is (co)author of over 100 publications in Soil Sciences. He maintains an active formation of advanced human capital, with 5 PhD graduates and 7 Postdoc supervisions in the last 5 years. His research is focused on the role of soil microorganisms for improving the tolerance to abiotic stress oriented to develop biotechnological tools for crop production and environmental remediation.  <a href="https://investigadores.anid.cl/es/people/5049-PABLO_CORNEJO">https://investigadores.anid.cl/es/people/5049-PABLO_CORNEJO</a></p>

### Division 3 (Soil Use and Management)

Position ID#	Country	Name	Biography
Chair 30c1	USA	Abbey Wick	<b>Abbey Wick</b> is an Associate Professor and Extension Specialist at North Dakota State University (USA). She conducts research in soil health and whole-systems management and shares science-based information using a network-based approach. Since 2012, Dr. Wick has published 37 journal articles, coordinated 269 programs reaching 20,000 individuals, developed 147 YouTube videos, and written 144 popular press articles. She serves on the National Academy of Sciences' US National Committee for IUSS and the North Central Region Sustainable Agriculture Research and Education and is an editor for Crops and Soils. Dr. Wick earned her Ph.D. in Soil Science from the University of Wyoming (2007). Website: <a href="http://www.ndsu.edu/soilhealth">www.ndsu.edu/soilhealth</a>
<b>Comm. 3.1 (Soil evaluation and land use planning)</b>			
Chair 31c1	India	Jagdish Prasad	<b>Jagdish Prasad</b> , a former Principal Scientist of ICAR- National Bureau of Soil Survey and Land Use Planning, Nagpur significantly contributed in land resource inventorization of country, soil taxonomy, land evaluation and land use planning. He is fellow of 7 professional societies. He was President of Indian Society of Soil Science and Indian Society of Soil Survey and Land Use Planning and co-chair of IUSS commission 3.1. Dr. Prasad guided many students for their dissertations and published more than 150 papers in national and international journals
Chair 31c2	Japan	Morihiro Maeda	<b>Morihiro Maeda</b> is professor of Soil Science at the Graduate School of Environmental and Life Science, Okayama University, Japan. He obtained his Ph.D. degree in Sanitary and Environmental Engineering from Kyoto University in 2002. His main research interests are nitrate leaching and greenhouse gas emissions in agricultural soil with different land uses. He authored or coauthored over 80 original refereed papers and 10 books. He has contributed to IUSS as a chair of Commission 4.1 since 2018 by organizing many international workshops and symposiums on better management of agricultural wastes in developing countries. After selected as the commission chair, he will enhance the international activities of Commission 3.1 by collaborating with other academic sectors such as environmental engineering and social science. <a href="http://www.eme.okayama-u.ac.jp/Sections/Lithosphere/index-e.html">http://www.eme.okayama-u.ac.jp/Sections/Lithosphere/index-e.html</a>
<b>Comm. 3.2 (Soil and water conservation)</b>			
Chair 32c1	Norway	Lillian Øygarden	<b>Lillian Øygarden</b> , Department of Soil and Land use at Norwegian Institute of Bioeconomy Research. <a href="http://www.nibio.no">www.nibio.no</a> . Her background is within soil physics and hydrotechnique from Norwegian University of Life Sciences, NMBU. Her experience is from research and monitoring programs of agriculture and environmental effects, especially runoff, erosion and nutrient losses. Experience include soil and water conservation, agronomic methods to increase food production and improve soil quality. She is coordinating NIBIO- Climate Forum- for activities related to agriculture and greenhouse gas emissions, effects of climate change on agricultural production and adaptation measures. She is the Chair of Commission 3.2 Soil and Water Conservation of (IUSS) for the period 2018- 2022 and member of the Executive committee of European Society of Soil Conservation (ESSC). Webpage: <a href="https://nibio.no/en/employees?q=Lillian+C3%98ygarden">https://nibio.no/en/employees?q=Lillian+C3%98ygarden</a>
Chair 32c2	China	Fei Wang	<b>Fei Wang</b> is the Deputy Director for Institute of Soil and Water Conservation, Chinese Academy of Sciences & Ministry of Water Resources, China. His research advances the understanding of sustainable land management. Prof. Wang plays different academic roles worldwide, serving as the Deputy President of WASWAC, the Director of Committee of Young Scientists of CSWCS, an expert of UN IPBES and GEO-6, the proposal evaluator of NSFC of China, EC REA of EU, and PRIN of Italy. Prof. Wang has coordinated more than 30 projects including 6 international cooperation programs. He has published 160 peer-reviewed articles. <a href="https://publons.com/researcher/1528775/wang-fei/">https://publons.com/researcher/1528775/wang-fei/</a>
Vice 32v1	Chile	Dorota Agnieszka Dec	<b>Dorota Agnieszka Dec</b> , Associate Professor of the Faculty of Agricultural and Food Sciences of the Austral University of Chile; UACH. Her work focused on the study of soils derived from volcanic ashes. The main topic of her interest is the efficient water use under agricultural land use, which consider soil as a water reservoir. This research involves spatial and temporal variability, sensor use and their management as well as soil physics as an important component of hydrological cycle. She has published 21 papers in WOS Journals, and is Editor in Agro Sur Journal. She works also in preparation of public policy related with water resources and farmers linked to milk production. Currently she is part of the Research Center on Volcanic ash Soils (CISVo), Chilean Society of Soil Science, and the Network of Water Resources Specialists of the CRUCH Universities/Chile. <a href="https://www.researchgate.net/profile/Dorota-Dec">https://www.researchgate.net/profile/Dorota-Dec</a>
Vice 32v2	Germany	Lulu Zhang	<b>Lulu Zhang</b> leads research on agri-food and forest system and climate change mitigation and adaptation at the United Nations University Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES) based in Dresden, Germany. She completed her PhD at the Institute of Soil Science and Site Ecology, Technische Universität Dresden, specialising in soil and water conservation and soil-vegetation-atmosphere interaction. Her research focus lies in advancing knowledge about land-use impacts on soil and water resources and soils' close relationship, interaction, and interdependency to other resources, with an ultimate goal to unlock its potential to produce food, energy, and clean water and to store carbon in meeting future demand, particularly in countries of the Global South. Being a member of the German Soil Science Society (DBG) Lulu is also a member of the World Association of Soil and Water Conservation (WASWAC) and the European Society of Soil Conservation (ESSC). She is appointed as a Member of the Sino-EU Panel on Land and Soil (SEPLS) since 2018. Currently, she leads several research projects in different regions, including China, Tanzania, Nigeria, and Germany. Webpage: <a href="http://flores.unu.edu/en/experts/research-experts/lulu-zhang.html#profile">flores.unu.edu/en/experts/research-experts/lulu-zhang.html#profile</a>
Vice 32v3	Japan	Nagamitsu Maie	<b>Nagamitsu Maie</b> is a Junior Associate Professor at the School of Veterinary Medicine, Kitasato University, Japan. He received his Ph.D. from Nagoya University in 1999. He was a visiting researcher at the Department of Soil Science, Technical University of Munich, May–Feb. 2000, and a visiting researcher at the Department of Chemistry, Florida International University, Sep. 2001–Mar. 2007. Since Apr. 2007, he was appointed to this position. His main research interest is in the biogeochemistry of natural organic matter. Specifically, he focuses on the dynamics (origin, composition, and function) of dissolved organic matter, and the effects of human activities and climate change on them. He hopes to open a symposium on "Adventures of dissolved organic matter: from forest streams to the sea".
Vice 32v4	Korea	Kangho Jung	<b>Kangho Jung</b> has been an active member of Korean Society of Soil Science and Fertilizer for many years. He worked in the field of soil and water management for National Institute of Agricultural Sciences between 2001 and 2020. His main achievements were nationwide assessment of soil erosion, classification of hydrologic soil groups, and establishment of drought prediction systems in Korea. Recently, Dr. Kangho Jung moved a job from National Institute of Agricultural Sciences to National Institute of Crop Science to perform projects to develop soil and water management technology to cultivate rice in desert and to establish scaled irrigation and fertilization technology in reclaimed land.

### Comm. 3.3 (Soil fertility and plant nutrition)

Chair	33c1	Argentina	<b>Fernando O. Garcia</b>	<p><b>Fernando O. Garcia</b> is Free Professor of Soil Fertility and Crop Nutrition at the National University of Mar del Plata (Argentina), and consultant for farmer's organizations and agricultural industry. His main research and extension interest is the efficient and effective use of nutrients and other resources in ecologically intensified cropping systems. He was Regional Director of the Latin America-Southern Cone program of the IPNI with research and educational activities at Argentina, Bolivia, Chile, Paraguay, and Uruguay. Dr. Garcia was President of the Argentinean Soil Science Association (2003-2007). He was named Fellow of the ASA (2014), and awarded the Agronomic Industry Award (ASA, 2007), the Gamma Sigma Delta Distinguished Alumnus Award (KSU, 2016), and the Golden Wheat Spike (MTA, 2019).</p> <p><b>Felipe Yunta</b>, Associate professor in the Department of Agricultural Chemistry and Food Science at the Autonomous University of Madrid in the area of knowledge of Pedology and Agricultural Chemistry. 20-year teaching experience; 5000 hours in 6-degree subjects and in 7 masters (Agro-environmental and Agro-food Sciences, Waste Management, Viticulture, Learning Methods for Physics and Chemistry, Didactics of Mathematics and Renewable Energies). Senior researcher and visiting professor at European universities and research centers (Leuven, Bologna, KTH of Stockholm and ICTA), Africans (Botswana, Namibia, South Africa and Egypt) and United States (Boston University). Priority Research Lines in soil science, plant nutrition, fertilizers, soil contamination and remote sensing. Co-authoring more than 80 scientific publications and supervisor of 182 master thesis, 29 bachelor thesis and 3 Ph.D. Current member of the Commission 3.5 of the IUSS and ordinary member of the Spanish Society of Soil Science. <a href="https://www.micronutrientsinplants.com/people">https://www.micronutrientsinplants.com/people</a></p>
Vice	33v1	Brazil	<b>Luciano Colpo Gatiboni</b>	<p><b>Luciano Colpo Gatiboni</b>, son of farmers in southern Brazil. Agronomist, PhD in Soil Science. He was a professor at the State University of Santa Catarina for 16 years, teaching soil fertility and related areas for undergraduate courses, and for graduate program in Soil Science. He supervised master (24) and doctoral (10) students. Published more than 130 scientific articles focused on the recommendation of fertilizers to obtain greater nutrient use efficiency and environmental preservation. He was one of the coordinators of the remodeling of the liming and fertilization recommendations in southern Brazil. Since 2016 he is a professor at North Carolina State University, USA. <a href="https://drive.google.com/file/d/1mLIRvqhmGyTdlIRfTKWt5PBLddk_v/view?usp=sharing">https://drive.google.com/file/d/1mLIRvqhmGyTdlIRfTKWt5PBLddk_v/view?usp=sharing</a></p>
Vice	33v2	India	<b>A.K. Patra</b>	<p><b>Ashok K Patra</b> has made significant contribution in advancement of nitrogen research in agro-ecosystems for understanding its transformation processes, measurement of losses, ecology and enhancing use efficiency. He developed integrated soil quality index and SQI Cal software for rapid measurements. He has assessed the impacts of climate change on soil processes, advanced understanding in nanoparticles research in soil and plants, and contributed significantly to develop a digital soil testing minilab – Mridaparikshak for soil health assessment and fertilizer advisory in India. Use of Mridaparikshak generated more than 27 million Soil Health Cards, which indirectly reduced the cost of establishing traditional soil-testing laboratories, reduced fertilizer uses and enhanced crop yields. His contribution is widely recognized by several awards/recognitions and fellowships of national academies. Recently, he has been recognised one among 13 soil scientists of the world (Food Tank, USA). He is Member of the Intergovernmental Technical Panel on Soils (ITPS, FAO). Dr. Patra is currently Director of the ICAR-Indian Institute of Soil Science, Bhopal and President of Indian Society of Soil Science. He also served as President of the Agriculture &amp; Forestry Sciences Section of the Indian Science Congress Association.</p>
Vice	33v3	Japan	<b>Toru Fujiwara</b>	<p><b>Toru Fujiwara</b> is a full professor of Research faculty of Agriculture, the University of Tokyo. He obtained his PhD from The University of Tokyo in 1992. He worked at Department of Biology, Washington University, St. Louis as a visiting scholar in 1989-1991, Botany Department at UC Davis as a visiting scientist in 1993, Soil and Nutrition lab at Cornell University as a visiting scientist in 1994-1995. Since 1995, he has supervised 45 PhD students. He has worked on plant nutrition and discovered first boron transporters and molybdenum transporters from plants. He recently found the phenomena of roots to change its direction of growth toward nutrient source and termed this phenomena as neurotropism. He is an international board of Plant Nutrition Colloquium. <a href="https://www.researchgate.net/profile/Toru-Fujiwara">https://www.researchgate.net/profile/Toru-Fujiwara</a></p>
Vice	33v4	Korea	<b>Kwon-Rae Kim</b>	<p><b>Kwon-Rae Kim</b> is a very active soil scientist in KSSSF working as chair officer for international collaboration and communication. He has experienced to organize and run the 1st International Soil Survey Competition in Jeju in 2014 IUSS congress. Also, he was the secretary-general for SUITMA10 held in 2018 in Seoul, Korea. Likewise, he has experienced in several international activities. His research field is soil environment chemistry including fertilizer management and metal dynamics for conservation of agricultural soil in Korea. Dr. Kwon-Rae Kim has published around 50 research papers. Currently he is working in the National Program for Conservation of Agricultural Soil Environment.</p>

### Comm. 3.4 (Soil engineering and technology)

Chair	34c1	China	<b>Yuanfang Huang</b>	<p><b>Yuanfang Huang</b> is a Professor of Soil Science at China Agricultural University. His research mainly involves the remediation and reclamation of damaged or degraded land, engineering use of soil, GIS-based modeling of spatial and temporal variation of soil, and modeling transport of solute and contaminant. He has authored more than 230 refereed journal publications, and he is the co-author of 31 books. Dr. Huang received many major awards such as the Second Prize of Science and Technology Achievement by the Ministry of Agriculture and 2006 Program for New Century Excellent Talents in University. He is currently the vice president of Soil Science Society of China and the president of Soil Science Society of Beijing. <a href="https://orcid.org/0000-0002-6706-0361">https://orcid.org/0000-0002-6706-0361</a></p>
Vice	34v1	Japan	<b>Taku Nishimura</b>	<p><b>Taku Nishimura</b> is a professor of Department of Biological and Environmental Engineering at Graduate School of Agricultural and Life Sciences. He obtained his PhD from the University of Tokyo in 1996. Then, he worked at USDA-ARS National Soil Erosion Research Laboratory in 1996 as a visiting scientist. Since 1997 he has supervised 39 master's students and 11 PhD students. He has authored or co-authored more than 60 peer-reviewed papers in international journals in the field of soil science. He was the editor of Soil Science and Plant Nutrition (2011-2015) and Paddy and Water Environment (2018-2020). He hopes to plan a symposium on "Water erosion under climate change". <a href="https://www.researchgate.net/profile/Taku-Nishimura-2">https://www.researchgate.net/profile/Taku-Nishimura-2</a></p>
Vice	34v2	Korea	<b>Sang Soo Lee</b>	<p><b>Sang Soo Lee</b> received the degrees of M.S. and Ph.D. in University of Missouri, USA in 2006 and 2009, respectively. He has appointed as the Underwood Distinguished Professor, Yonsei University since 2021 and is now an associate professor at the Department of Environmental &amp; Energy Engineering in Yonsei University, Korea. He has also selected as Highly Cited Researcher 2020 (the top 1% in Cross-Field). His researches focus the control of soil erosion and turbid water, soil and water conservation, and environmental management against climate change, and more than 112 SCIE have been published so far.</p>



### Comm. 3.5 (Soil degradation, control, remediation and reclamation)

Chair	35c1	Germany	<b>Stefan Norra</b>	<p><b>Stefan Norra</b> was born 1966 in Bremen, Germany, research and teach in the field of Geocology and Soil Sciences. At the Karlsruhe Institute of Technology, I am heading a working group for "Environmental Mineralogy and Environmental System Analyses" that focusses on urban soils, soil contamination, agricultural soils, soil and society, ecosystem services and soil mineralogy. I frequently carry out field work and projects in Germany, China, India, Vietnam, Thailand and cooperates more and above that with colleagues worldwide from France, Switzerland, Australia, US, Pakistan, Peru and many more. I am currently the co-speaker of the Commission for Soil in Society and Education of the German Soil Science Society and member of the editorial board of the "Journal of Soils and Sediments". Many of my scientific and work experiences very well fit into the topic of Commission 5 "Soil Degradation, Control, Remediation and Reclamation". During the last years I re-organized together with my co-speaker Junta Yanai the commission. Now exists an email distribution list with about 30 active participants. During the Corona pandemic, we developed a monthly online lecture format that started in 2021. Already in 2020, monthly online meetings started to exchange knowledge and experience and to identify joint interests. I would be pleased to continue the development of this topic as speaker.</p>
Chair	35c2	Australia	<b>Prashant Srivastav</b>	<p><b>Prashant Srivastav</b> is an environmental soil chemist by training and a Certified Professional Soil Scientist (CPSS) accredited by Soil Science Australia. He has led multidisciplinary research teams to deliver high-quality, high-impact research projects focussing on environmental contaminants assessment, remediation and management. He has worked collaboratively with diverse stakeholders to achieve outcomes that have brought about a step-change in the assessment of contaminated sites in Australia. His current role involves assessment, remediation and management of chemicals of emerging concern, including but not limited to per- and poly-fluoroalkyl substances (PFAS), microplastics, personal care products etc in soil, surface and ground water, wastes and biosolids. <a href="https://people.csiro.au/s/p/prashant-srivastava">https://people.csiro.au/s/p/prashant-srivastava</a></p>
Chair	35c3	China	<b>Yongming Luo</b>	<p><b>Yongming Luo</b> is a Professor of Institute of Soil Science, Chinese Academy of Sciences (CAS), and the Director of CAS Key Laboratory of Soil Environment and Pollution Remediation. His research interests focus on soil environment and pollution remediation. He has published over 400 papers and 20 books at home and abroad, and has headed more than 30 (inter)national research projects. Dr. Luo serves as the Vice Chairman of International Phytotechnology Society, and the Council Member of Soil Science Society of China. He was awarded as the "National Outstanding Young Scientist" by the Natural Science Foundation of China in 2001. <a href="http://en.soilrem.ac.cn/rcdw/detail.asp?ID=71">http://en.soilrem.ac.cn/rcdw/detail.asp?ID=71</a></p>
Chair	35c4	USA	<b>Ariel Szogi</b>	<p><b>Ariel Szogi</b> is a Senior Scientist and Supervisory Soil Scientist at the U.S. Department of Agriculture-Agricultural Research Service, Coastal Plains, Soil, Water and Plant Research Center, Florence, South Carolina (USA). He holds a Ph.D. in Soil Sciences, Louisiana State University and M.S. in Soil and Water Management, Wageningen University. His research focuses on developing practical solutions to soil and water environmental issues regarding the land application of residues from intensive animal and agriculture production. Dr. Szogi's research publications include over 250 technical articles and 19 patents. He is an elected Fellow of the American Society of Agronomy. <a href="https://www.ars.usda.gov/southeast-area/florence-sc/coastal-plain-soil-water-and-plant-conservation-research/people/ariel-szogi/">https://www.ars.usda.gov/southeast-area/florence-sc/coastal-plain-soil-water-and-plant-conservation-research/people/ariel-szogi/</a></p>
Vice	35v1	Germany	<b>Dirk Freese</b>	<p><b>Dirk Freese</b> leads the Department of Soil Protection and Recultivation at the Brandenburg University of Technology at Cottbus. He was born 14. August 1958 in Neuruppin, Germany. He earned his Ph.D. in 1988 in Soil Reclamation and received the habilitation in 1996 in Soil Chemistry, both at Humboldt-University Berlin. His research is focused on soil chemistry, soil reclamation and land use systems (agroforestry). Over his career he has developed an international network in research and education. He is a long-time member of the German Soil Science Society (DBG). <a href="https://www.b-tu.de/fg-bodenschutz/">https://www.b-tu.de/fg-bodenschutz/</a></p>
Vice	35v2	Poland	<b>Anna Karczewska</b>	<p><b>Anna Karczewska</b>, Researcher and academic teacher in the Institute of Soil Science &amp; Environmental Protection, Wrocław University of Environmental &amp; Life Sciences (Poland). Full professor since 2009. Her research interests, practical experience and teaching activities focus on the biogeochemistry of metals and metalloids in contaminated soils, their bioavailability and ecotoxicity, assessment of related environmental risk and remediation of polluted soils. She supervised several research projects and expert works in copper industry-affected areas and the sites of historical ore mining. Additional interests in urban soils, reclamation of technically degraded lands, and soils in mountain systems. E-mail: <a href="mailto:Anna.karczewska@upwr.edu.pl">Anna.karczewska@upwr.edu.pl</a>, ORCID: 0000-0003-1457-1368, ResearchGate: <a href="https://www.researchgate.net/profile/Anna-Karczewska">Anna_Karczewska2</a>.</p>
Vice	35v3	Japan	<b>Junta Yanai</b>	<p><b>Junta Yanai</b> has made research on the remediation of 137Cs or Cd contaminated soils and control of soil degradation in the tropics and dry regions for more than 25 years. He obtained his PhD from Kyoto University in 1998. He worked at Rothamsted Research, UK, in 1992-1993 as a visiting researcher. He published over 80 scientific journal articles and more than 10 books. He served as a Vice Chair of this commission from 2018-2022. He has made research in collaboration with researchers in Asia, Europe, America and Africa (1992-present). He plans to open a symposium on "remediation and rehabilitation of 137Cs contaminated agricultural soils". <a href="https://www2.kpu.ac.jp/life_environ/bioanal_chem/yanai%20eng.html">https://www2.kpu.ac.jp/life_environ/bioanal_chem/yanai%20eng.html</a></p>
Vice	35v4	Russia	<b>Svetlana Gorokhova</b>	<p><b>Svetlana Gorokhova</b>, Assistant Manager of the Council of Young Scientists of her university. Member of organising committee of the 25th International scientific conference Dokuchaev (2022, Russia) and of the All-Russian Scientific-Practical Conference "Youth Science" (2018-2021). Secretary of the International scientific conference 1st NIKITINSKIYE READINGS (2019, Russia). She won a grant from Russian Foundation for Basic Research (2019); 1st place in School-conference of young scientists and specialists of the Perm region (2020, Russia). She participated in many contests and conferences, including international. Actual research line (last paper) <a href="https://doi.org/10.3390/geosciences10110443">doi.org/10.3390/geosciences10110443</a>.</p>
Vice	35v5	Korea	<b>Jin Hee Park</b>	<p><b>Jin Hee Park</b> is an expert in remediation of metal contaminated soil. She conducted various researches in biogeochemical behavior of metals including Cd, Pb, Cr, As, Sb, and W. Her recent research areas were extended to metals in air-borne particulate matter and their effects on soil composition as well as urease inhibition in soil for effective use of nitrogen fertilizer. Other research areas include real-time monitoring of soil fertility and plant growth using various sensors for smart farm. Dr. Jin Hee Park has published more than 50 scientific papers in the refereed journals and were listed as the world's top 2% scientists in 2019. Laboratory website: <a href="https://sites.google.com/view/cbnusoillab/%ED%99%88">https://sites.google.com/view/cbnusoillab/%ED%99%88</a></p>

### Comm. 3.6 (Salt affected soils)

Chair	36c1	Spain	<b>Jorge Battle Sales</b>	<p><b>Jorge Battle-Sales</b>, is Chair Professor at University of Valencia (Spain), Area Soil Science and Agricultural Chemistry. In April 2021 was elected Chair of the International Network of Salt-Affected Soils (INSAS) in the framework of Global Soil Partnership (GSP) of FAO. Spanish Representative on FAO's Global Network on Salt Affected Habitats since 1995, is Leader of the Working Group on Soil Salinization of DESERNET International. Secretary of Commission of Salt-Affected Soils IUSS since 1994-2012, has organized four International Symposia (3 at Valencia) on soil salinity with IUSS and FAO (ISSALE-95, SPUSH 2001, WCSS 2002-W33, GFSCC2010) and participated in many international courses.</p> <p><b>Raúl S. Lavado</b> graduated from the University of Buenos Aires (FAUBA) (1968), scholarships to Spain (1971), Canada (1979) and the United States (1980). Professor at FAUBA (1993-2010), currently Distinguished Professor. Researcher of the National Research Council (CONICET) since 1975. Director of the Institute for Agricultural and Environmental Biosciences Research (CONICET/FAUBA) (2008-2014). More than 200 research papers in international and local journals published, and many extension articles. Former Associate Editor of the Journal of Soil and Water Conservation, Phyton and other journals. Advisor of Master's and PhD theses. Editor and author of local and international books. Extensive activity in salt-affected soils.  <a href="https://drive.google.com/file/d/1Lnrw68RPZaKqIBRUWn-L0W0o3qplHiXc/view?usp=sharing">https://drive.google.com/file/d/1Lnrw68RPZaKqIBRUWn-L0W0o3qplHiXc/view?usp=sharing</a></p>
Chair	36c2	Argentina	<b>Raúl S. Lavado</b>	
Vice	36v1	India	<b>Sanjay Arora</b>	<p><b>Sanjay Arora</b>, did his Ph.D. in Soil Science from Punjab Agricultural University, Ludhiana, India and is presently working as Principal Scientist (Soil Science) at Regional Research Station of ICAR-Central Soil Salinity Research Institute, Lucknow (UP). He has made significant contributions in management of saline and sodic inland and coastal soils and has developed microbial approach for bio-remediation of salt affected soils for enhancing crop productivity by mitigation of salt stress. He has developed decision support systems for chemical reclamation of sodic soils He has modified protocol for Gypsum requirement and developed GypKIT for field level estimation of gypsum requirement for sodic soil reclamation. Dr. Arora is active member of various academic and professional societies/associations. He is author of 148 peer-reviewed research papers and technical articles and has edited 14 books and guided 12 M.Sc. students and a doctorate research. He is editorial board member of many peer-review soil science journals of repute. In view of his significant contributions in Soil Resource Management, Bio-remediation of Saline and Sodic soils and development of microbial formulations for enhancing crop yields under salt stress and decision support systems for reclamation and management of sodic soils, the Indian Society of Soil Science highly recommends and nominate Dr. Sanjay Arora for IUSS Vice-Chair, Commission 3.6 (Salt Affected Soils).</p>

## Division 4 (The Role of Soils in Sustaining Society and the Environment)

Position ID#	Country	Name	Biography
Chair 40c1	Italy	Claudio Zaccone	<b>Claudio Zaccone</b> is Associate Professor in Soil Chemistry at the University of Verona, Italy. He was Guest Scientist at the University of Heidelberg (2005, 2006, 2010), at the University of Alberta (2012, 2013-to-2014), at the Spanish National Research Council (2016) and at the Colorado State University (2017). He is currently President of the Soil System Sciences division, European Geosciences Union, and Vice-chair of the Commission 4.1, International Union of Soil Sciences. Main research interests: evolution of soil organic matter in relation to climate changes; utilization of peat profiles as archives of (paleo)environmental changes; utilization of waste biomass in agricultural soils.
<b>Comm. 4.1 (Soils and the environment)</b>			
Chair 41c1	Spain	Miriam Muñoz Rojas	<b>Miriam Muñoz Rojas</b> is a Senior Lecturer at UNSW Sydney (Australia) where she leads a research group focused on soil and ecosystem sciences. Her work has been recognised by prestigious fellowships such as the Australian Research Council Discovery Early Career Research Award. She has a strong network of international collaborators through her contributions to the FAO-UN, Eurosoil, Joint Research Centre (European Commission) and as leader of the global SOIL DarkDivNet. Dr. Muñoz Rojas is a committee member for the Soil System Division- European Geosciences Union, and Associate Editor of several scientific journals including Journal of Applied Ecology and Journal of Arid Environments. <a href="https://www.munozrojas.com/">https://www.munozrojas.com/</a>
Chair 41c2	USA	Ole Wendroth	<b>Ole Wendroth</b> grew up in Lower Saxony, Germany, where he did a 2-year farming apprenticeship and then earned his PhD at the University of Göttingen. He worked from 1992 to 2004 at the Center for Agricultural Landscape Research in Müncheberg, Germany. He is a professor of soil physics at the University of Kentucky, where he teaches and does research in on-farm soil and crop growth processes relative to landscape morphology, and soil spatial variability. He is a Fellow of the American Society of Agronomy and the Soil Science Society of America, of which he was President in 2020. <a href="http://pss.ca.uky.edu/person/ole-wendroth-ole-wendroth">http://pss.ca.uky.edu/person/ole-wendroth-ole-wendroth</a>
Chair 41c3	Brazil	Déborah de Oliveira	<b>Déborah de Oliveira</b> , Geographer from the University of São Paulo. MSc and PhD in Physical Geography from the University of Sao Paulo. Associate Professor in the Department of Geography at the University of Sao Paulo since 2004, teaching Pedology and Geomorphology. She participates as Director of Division 4-Soils, Environment and Society and Coordinator of the Commission 4.1 Program in Soils and Public Perception of Soil of the Brazilian Society of Soil Science. She supervises Physical Geography Postgraduation Program at University of Sao Paulo and collaborates on the Graduate Program in National Network for Teaching Environmental Sciences (ProFCiAmb-EESC / USP). <a href="https://drive.google.com/file/d/1oGGPFIOy-bSOak4W3J2glBIeJYtPo3JC/view?usp=sharing">https://drive.google.com/file/d/1oGGPFIOy-bSOak4W3J2glBIeJYtPo3JC/view?usp=sharing</a>
Chair 41c4	Korea	Pil Joo Kim	<b>Pil Joo Kim</b> was the vice-chairperson of Division 2, IUSS from 2010-2014, and largely contributed to the success of the 20th WCSS as the Chair of the Editing & Academic Committee. He continued involving himself in the development of soil management strategies to improve soil quality after his PhD in Soil Science in 1997. He serviced as soil scientist at the National Institute of Agricultural Science (NIAS), Korea up to year 2000, and researched the impact of global warming on soil carbon dynamics at Smithsonian Tropical Research Institute, Panama (2008-2009). He was appointed as an assistant professor at Gyeongsang National University, Korea in 2001 and later as a full professor and department head in 2008. As a reputed researcher, he has developed the programs for public education to soil science. He published over 250 peer reviewed journal articles, which focused mostly on improving soil quality and minimizing greenhouse gas emissions from arable soils. He supervised 32 MS and 22 PhD in the last 20 years. In addition, Professor Kim worked as the (guest)-editor of several reputed journals (Agriculture, Ecosystems & Environment, Geoderma, Frontier in Microbiology, and Agronomy). Recently, Professor Kim is working as a specialist to improve agricultural productivity and construct Agricultural Training Centers in Senegal, Africa. Moreover, he is currently organizing the 8th symposium of soil organic matter which will be held in Seoul on June 2022 as the committee chair.
Vice 41v1	Japan	Nobuhide Fujitake	<b>Nobuhide Fujitake</b> is a full professor of the graduate school of Agricultural Science, Kobe University. He obtained his PhD from Kobe University in 1991. He worked at Center for Bioremediation and Detoxification, The Pennsylvania State University in 1999 as a visiting researcher. In collaboration with the U.S., Mongolia, and East Siberia, he has also brought results on the migration behavior of radionuclides and metals. He hopes to open a symposium on "Carbon dynamics and the associated behavior of organic and inorganic pollutants". <a href="https://www.researchgate.net/profile/Nobuhide-Fujitake">https://www.researchgate.net/profile/Nobuhide-Fujitake</a>
Vice 41v2	Korea	Chang Oh Hong	<b>Chang Oh Hong</b> is currently working in Department of Life Science & Environmental Biochemistry, Pusan National University as an associate professor of soil science, a position he has held for more than nine years. Prof. Hong obtained a PhD degree in Soil Science in Gyeongsang National University in Korea and then went to South Dakota State University to study as a post-doc. He currently leads multi-disciplinary projects related to greenhouse gas emission and carbon sequestration in the ecosystems and the soil environment. Also, he is currently working as a research committee of Korean Society of Soil Science and Fertilizer. He is actively doing both research and society service. Therefore, I highly recommend Prof. Hong for the vice-chair of commission 4.1 in the International Union of Soil Sciences.
<b>Comm. 4.2 (Soils, food security and human health)</b>			
Chair 42c1	Austria	Taru Sanden	<b>Taru Sandén</b> works as a Senior Expert at the Department for Soil Health and Plant Nutrition at the Austrian Agency for Health and Food Safety and as a Lecturer of „Soils and Food Security“ at the University of Natural Resources and Life Sciences, Vienna, Austria. She works with agricultural soil functions, including participatory action research (Tea Bag Index) and long-term field experiments. She holds an MSc in Environmental Science from the University of Gothenburg, Sweden, an MSc in Environment and Natural Resources from the University of Iceland and PhD degree in Geography, also from the University of Iceland.
Vice 42v1	China	Rongliang Qiu	<b>Rongliang Qiu</b> is a Professor at School of Natural Resources and Environment and the Vice-President of South China Agricultural University, China. His research focuses on soil pollution and remediation, and has published more than 300 peer reviewed papers/books. He is a council member of Soil Science Society of China, and has contributed to the IUSS conferences (SUITMA6-SUITMA9) as a member of Scientific Committee. Prof. Qiu is the founder of several multilateral cooperation platforms on pedology/agronomy, such as the Sino-Latin America Agricultural Research Innovation Alliance (13 countries, 2020-), National Center of Excellence for Soil Pollution Control and Ecological Restoration (6 countries, 2018-), Chinese-Franco Joint Lab of ECOLAND (SYSU-UL-INRA,2012-). <a href="https://orcid.org/0000-0002-9469-5274">https://orcid.org/0000-0002-9469-5274</a>
Vice 42v2	Japan	Takuro SHINANO	<b>Takuro Shinano</b> is a full professor of Research faculty of Agriculture, Hokkaido University. He obtained his PhD from Hokkaido University in 1998. He worked as the director of Agricultural Radiation Research Center of NARO after FDNPP accident to develop countermeasures for the remediation after the disaster. He has worked for various international projects related to nuclear disaster with IAEA and other topics on mineral nutrient in China, Thailand, Brazil, Siberia and Bolivia. He hopes to open a symposium on "Remediate the human and agricultural activity after nuclear disaster". <a href="https://www.researchgate.net/profile/Takuro-Shinano">https://www.researchgate.net/profile/Takuro-Shinano</a>
Vice 42v3	Korea	Sung Chul Kim	<b>Sung Chul Kim</b> has been involved in the field of soil quality, soil health, and soil ecosystem service for more than 10 years. He has participated in the national project "Evaluation of integrated management system for surface soil quality" funded from Ministry of Environment (MOE) in Korea at 2012-2013". Dr. Kim also involved in the Surface Soil Resources Inventory and Integration (SSORII) research group at 2014-2017 and Ecosystem Services of Surface Soil Environment (EcoSSoil) research group at 2019-2023. His duty in the both research group was to develop soil quality assessment method using physicochemical and biological soil properties. In addition, qualitative and quantitative method for estimating soil ecosystem service in Korea has been studied. Based on his expertise and highly experienced knowledge, he would be the best candidate for the vice-chair of commission 4.1: Soils and the environment.

### Comm. 4.3 (Soils and land use change)

Chair	43c1	USA	<b>Gary Feng</b>	<p><b>Gary Feng</b> is a USDA-ARS research soil scientist with extensive experience in lab, field and modeling research on soil, water, nutrients management and conservation in arid, semiarid, and humid regions. He has 26 years of experience in research on sustainable agriculture, environmental quality and resources use efficiency. Dr. Feng is adjunct faculty of Mississippi State University and Washington State University. He authored or co-authored 123 journal articles, 22 proceedings papers/book chapters, 173 conference abstracts, 37 invited presentations, and organized 16 international conferences/symposia. Dr. Feng is a Fellow of the American Society of Agronomy and has served on three editorial boards. <a href="https://www.ars.usda.gov/southeast-area/mississippi-state-ms/crop-science-research-laboratory/genetics-and-sustainable-agriculture-research/people/gary-feng/">https://www.ars.usda.gov/southeast-area/mississippi-state-ms/crop-science-research-laboratory/genetics-and-sustainable-agriculture-research/people/gary-feng/</a></p>
Chair	43c2	Japan	<b>Sonoko D. Bellingrath-Kimura</b>	<p><b>Sonoko D. Bellingrath-Kimura</b> is professor of Land Use Systems at the Humboldt University of Berlin and co-head of research area Land Use and Governance at Leibniz Centre for Agricultural Landscape Research (Germany) since 2015, she has been working on soil nutrient dynamics to analyse and develop sustainable land use systems. She got her PhD in soil science at the Hokkaido University in 2005, Japan, and worked at the Tokyo University of Agriculture and Technology from 2004-2015. Her research activity covers a wide area from the tropics to the temperate regions. She will contribute to a session on spatiotemporal soil heterogeneity analyzed by soil and land uses using ICT. <a href="https://www.zalf.de/en/ueber_uns/mitarbeiter/Pages/bellingrath-kimura_s-d.aspx">https://www.zalf.de/en/ueber_uns/mitarbeiter/Pages/bellingrath-kimura_s-d.aspx</a></p>
Vice	43v1	China	<b>Jianwen Zou</b>	<p><b>Jianwen Zou</b> is the Vice President of Soil Science Society of China and the dean for College of Resource and Environmental Sciences at Nanjing Agricultural University, China. He got his first Ph.D. in Soil Science at Nanjing Agricultural University in 2005 and the second Ph.D. in Ecology at Rice University in 2007. His research focuses on soil C/N cycling and global change, particularly on agricultural greenhouse gases inventory and mitigation in China. Prof. Zou has almost one hundred articles published in journals such as Ecology Letters, GCB, GBC and SBB. Some of his works are documented by the IPCC Report. Homepage URL: <a href="https://publons.com/researcher/2754899/jianwen-zou/">https://publons.com/researcher/2754899/jianwen-zou/</a></p>
Vice	43v2	Chile	<b>Felipe Andrés Zúñiga Ugalde</b>	<p><b>Felipe Zúñiga Ugalde</b>, is Agronomist and Dr. Cs. Agr. He dedicated the last 10 years to study the soil physical properties of Andosols under different land uses and soil managements evaluating anisotropy of hydraulic properties under native forest and grasslands (2008-2009), soil physical quality in pasture improvement managements under sheep grazing (2011-2013) and pedogenesis, physical properties and drainage water management in waterlogged Andosols (2015-2019). He is Soil Science Editor of Agro Sur Journal, associated researcher in the International Network for Studying the Physical Quality of Volcanic Ash Soils (REDES), Researcher in the Research Center on Volcanic Soils (CISVo), Treasurer of Chilean Society of Soil Science and Assistant Professor at Universidad de Aysén since 2019. URL's: <a href="https://publons.com/researcher/2425387/felipe-zuniga-ugalde/">https://publons.com/researcher/2425387/felipe-zuniga-ugalde/</a> <a href="https://www.researchgate.net/profile/Felipe_Zuniga_Ugalde">https://www.researchgate.net/profile/Felipe_Zuniga_Ugalde</a></p>
Vice	43v3	Italy	<b>Carla Scotti</b>	<p><b>Carla Scotti</b>, expert pedologist, President of I.TER where she works, member of Italian Society of Soil Science (SISS). She has coordinated soil cartography projects at different scales. Scientific coordinator of researches on soil and land evaluation to promote environmental sustainability and enhance the link between the territory, soil management and typical products (example wine, pears, peaches, chestnuts, tomatoes, watermelon, asparagus). Currently Scientific Referent or coordinator in Operational Groups (EIP-AGRI) concerning: organic matter monitoring, soil carbon sequestration and identification of guidelines for the best soil management linked with typical productions. Documents and working method available on the I.TER web page: <a href="http://www.pedologia.net">www.pedologia.net</a></p>
Vice	43v4	Japan	<b>Masakazu Komatsuzaki</b>	<p><b>Masakazu Komatsuzaki</b> is a full professor of Research faculty of Agriculture, Ibaraki University. He obtained his Ph.D. from Tsukuba University in 1996. He worked at the Department of Soil Science, North Carolina State University in 1999 as a visiting researcher. Since 2000, he has supervised 14 Ph.D. students. He has worked on various research projects related to soil and water conservation in agroecosystems in the relation to cover crop management, no-tillage system, and organic farming in Asian countries. He also publishes articles regarding soil conservation and soil health in international journals. He hopes to open a symposium on "soil and water conservation in organic farming". <a href="https://www.researchgate.net/profile/Masakazu-Komatsuzaki">https://www.researchgate.net/profile/Masakazu-Komatsuzaki</a></p>

#### Comm. 4.4 (Soil education and public awareness)

Chair	44c1	Poland	<b>Przemysław Charzyński</b>	<b>Przemysław Charzyński</b> , Professor, his achievements in propagation of knowledge about soils are widely recognized, inter alia he invented and coordinated several soil related educational Erasmus+ projects: LIFES, FACES and now ongoing System and initiated also WRB educational workshops.
Chair	44c2	Brazil	<b>Cristine Carole Muggler</b>	<b>Cristine Muggler</b> is Voluntary Professor at the Soil Science Department of Federal University of Viçosa (UFV), Brazil and UNESCO consultant for the New Expositions of the National Museum of Brazil. She is geologist, PhD in Environmental Sciences and postdoc in Soil Education and public awareness at the World Soil Museum. She works in soil science, from soil genesis to soil awareness and museums. She was chair of the Division IV - Brazilian Soil Science Society for ten years until 2021, where she organized an inventory of all soil education initiatives in Brazil and has been working in strengthen their network. <a href="https://drive.google.com/file/d/1Sf5tA5vLPC8MiwzdTB5RCrSdNj3-e/view?usp=sharing">https://drive.google.com/file/d/1Sf5tA5vLPC8MiwzdTB5RCrSdNj3-e/view?usp=sharing</a>
Chair	44c3	Japan	<b>Hideaki Hirai</b>	<b>Hideaki Hirai</b> is a professor of School of Agriculture, Utsunomiya University. He is in charge of Vice Chair of Commission 4.4. of Div. 4 in IUSS. As an officer of IUSS, he tried to hold a session entitled as "Soil education for pre- and elementary-school children: Current issues towards setting the international standard " in Soil System Sciences of EGU as a convener together with D. Field, C. Muggler, J. Hannam in April 2019, but it was canceled. Later on, he succeeded in holding the same session in ESAFS in November, 2019. Also, he gave a presentation entitled "Towards realization of international guidelines for soil education" at Research Forum held in the inter-congress meeting of IUSS last November. Now, he is planning to produce movie to introduce Soil Monolith in Museums and Universities together with his colleagues in Japan and IUSS in order to celebrate World Soil day. <a href="http://agri.mine.utsunomiya-u.ac.jp/hpj/deptj/plaj/Labo/Soil/hirai_ronbun.html">http://agri.mine.utsunomiya-u.ac.jp/hpj/deptj/plaj/Labo/Soil/hirai_ronbun.html</a>
Chair	44c4	Colombia	<b>Martha M. Bolanos-Benavides</b>	<b>Martha M. Bolanos-Benavides</b> is a biologist, Master and PhD in Soil Management. She has more than 25 years of experience acquired in Cenicafe, Universidad de Caldas, International Center for Tropical Agriculture - CIAT and AGROSAVIA - Colombian Agriculture Research Corporation, as a PhD. Senior researcher and head of the Department of Sustainable Intensive Production. She is a member of the Colombian Society of Soil Science. Currently, she is an active researcher in sustainable management of soil, nutrition and plant health interaction agroecological production. Efficient rhizosphere management and adaption to climate change. She is a member of ITPS and Musalac network. <a href="https://sba.minciencias.gov.co/Buscador_HojasDeVida/busqueda?q=MARTHA%20MARINA%20BOLANDO%20BENAVIDES&amp;pagina=1&amp;start=0&amp;type=load">https://sba.minciencias.gov.co/Buscador_HojasDeVida/busqueda?q=MARTHA%20MARINA%20BOLANDO%20BENAVIDES&amp;pagina=1&amp;start=0&amp;type=load</a>
Vice	44v1	Japan	<b>Keiko Mori</b>	<b>Keiko Mori</b> is a fulltime curator of Saitama Museum of Rivers. She obtained her BSc from Lancaster University in 1996 and PhD in soil science from Kyoto University in 2008. She has been working at Saitama Museum of Rivers since 2009. She is also Vice Chair of the Soil Education Committee, JSSSPN. She is involved in science education for school and exhibition for public. She was a chief organizer of an exhibition tour of "What is Soil?" in Japan in 2015 (International Year of Soils). She regularly opens workshops for citizens related to soil. She hopes to open a symposium on "international guideline for soil science education". <a href="https://www.researchgate.net/profile/Keiko-Mori-4">https://www.researchgate.net/profile/Keiko-Mori-4</a>
Vice	44v2	Venezuela	<b>Juan C. Rey</b>	<b>Juan C. Rey</b> is an Agronomist and Master of Science who works as a soil scientist at the National Institute for Agricultural Research. He is also a professor of soil science at the Central University of Venezuela. Between 2013 and 2018, he was President of the Venezuelan Society of Soil Science. Today, he is the Pillar 1 Chair of the Latin America and the Caribbean Soil Partnership. Since 2013, he has been working on educational activities aimed at children from 6 to 14 years old. He is co-author of chapter 8.3 of the IUSS book: Education in Soil Sciences.

#### Comm. 4.5 (History, philosophy, and sociology of soil science)

Chair	45c1	Germany	<b>Alexandra Toland</b>	<b>Alex Toland</b> is Assistant Professor for Arts and Research at the Bauhaus University Weimar, where she directs the Ph.D. program in art and design. She earned her MFA from the Dutch Art Institute of the Netherlands and engineering diploma and PhD in landscape planning from the Technical University of Berlin. Alex has published widely on soil and art in English and German languages and co-edited the book, Field to Palette – Dialogues on Soil and Art in the Anthropocene (2018), which brought together leading artists and soil scientists to discuss creative approaches to soil protection. She co-chaired the German Soil Science Society's (DBG) Commission 8 Soils in Education and Society from 2011 to 2015 and has been an active member of IUSS Division 4.5 since WCSS19, having organized multiple small scale art poster exhibitions and film screening events. In 2019 she received the Alvaro Barcellos Fagundes Medal for relevant contributions to the achievement of communicating soil science.
Chair	45c2	Israel	<b>Danny Itkin</b>	<b>Danny Itkin</b> is a pedologist studying calcareous archaeological soils. 2003-2006 BSc in Geology (HUJI). 2010-2014 mentored by Dan Yaalon. 2011-2013 MA in Archaeology (BGU), thesis: History of nari (calcrete). 2013-2021 PhD (BGU), thesis: Morphology and micromorphology of calcareous archaeological soils. 2014-2015 initiating projects in memory of Yaalon: Special IUSS symposium, Catena special issue, and IUSS Yaalon Medal. Editorial board member of Geoderma Regional, a member of IUSS Commissions 1.1 and 1.6 and a member of four national societies: Israel, USA, UK, Canada. Danny's main scientific achievement is introducing his original concept of anthropogenic soil carbonate. Additionally to studying soils history and archaeology, Danny's bond with Commission 4.5 is writing soils poetry and (co)authoring about soils education and soils and human health.
Vice	45v1	Russia	<b>Pavel Krasilnikov</b>	Dr <b>Pavel Krasilnikov</b> is the Acting Dean of the Faculty of Soil Science under Lomonosov Moscow State University. He authored and co-authored more than 200 scientific publications, including 14 books and textbooks. He is known for his works on ethnopedology that include papers "Early works on folk soil terminology" (1999) and "Perspectives on utilitarian ethnopedology" (2003) and a collection of more than 1000 folk soil names throughout the world in a chapter of "Handbook of soil terminology, correlation and classification" (2009). He has been reading a lecture course on the History and Methodology of Soil Science since 2013. <a href="https://www.researchgate.net/profile/Pavel-Krasilnikov">https://www.researchgate.net/profile/Pavel-Krasilnikov</a>
Vice	45v2	Germany	<b>Anna Krzywoszynska</b>	<b>Anna Krzywoszynska</b> is a Research Fellow at the University of Sheffield and a member of IUSS Division 4.5. since WCSS21. Since obtaining her PhD in human geography (2012), she has made a significant contribution to soils research and soil engagement and communication. She co-edited the first book on soil social science research (2020, Thinking with Soils, Bloomsbury), and led a special issue on soil research in Environmental Humanities (2020). She has published widely on soil knowledges in modern farming in both social sciences (e.g. 2019, Transactions of the Institute of British Geographers) and soil research journals (2020, Soil Use and Management). In 2017 she founded and has since led the very successful and influential Soil Care Network, an interdisciplinary community of soil researchers and activists which now numbers over 450 members. In 2020, she co-founded the soil engagement platform UKSoils.org and was invited to serve as social scientist in the Horizon Europe Mission for Soil Health and Food.