

Tuesday 7 May	
Venue: Academic Hall, Floor 1, Institute of Mountain Hazards & Environment	
Time	Details
Opening Ceremony Chair: <b>Yanhong Wu</b>	
09:00-09:10	<b>Prof. Lijun Su</b> Welcome Speech from Institute of Mountain Hazards & Environment
09:10-09:20	<b>Prof. Ganlin Zhang</b> Welcome Speech from the Chairman of SNCC2024
09:20-09:30	<b>Prof. Hans Lambers</b> Welcome Speech from the Chairman of SNCC2024
Session 1 Chair: <b>Yanhong Wu</b>	
09:30-10:05 Plenary	<b>Soil changes over time: from decades to million years</b> <b>Ganlin Zhang</b> - Nanjing Institute of Geography & Limnology, Chinese Academy of Sciences
10:05-10:40 Plenary Speaker	<b>Changes in nutrient-acquisition strategies along the Jurien Bay chronosequence to inspire mine-site restoration approaches</b> <b>Hans Lambers</b> - The University of Western Australia
10:40-11:00	<b>Group Photo &amp; Coffee Break</b>
Session 2 Chair: <b>Hans Lambers</b>	
11:00-11:30 Plenary Speaker	<b>The ecological significance of phosphorus dynamics during long-term pedogenesis</b> <b>Benjamin Turner</b> - Gyeongsang National University, South Korea
11:30-12:00 Plenary	<b>Nutrient cycling on the Hailuoguo soil chronosequence and its implication on vegetation restoration</b> <b>Yanhong Wu</b> - Institute of Mountain Hazards and Environment, Chinese Academy of Sciences
12:00-14:00	<b>Lunch &amp; Break</b>
Session 3 Chair: <b>Benjamin Turner</b>	
14:00-14:30 Invited Speaker	<b>Fast nitrogen accumulation in ecosystems along a 127-year glacial retreat chronosequence at the subtropical Mount Gongga, China</b> <b>Wolfgang Wilcke</b> - Karlsruhe Institute of Technology, Germany
14:30-14:50	<b>Contrasting weathering-mediated microbial controls on forest soil carbon dynamics</b> <b>Gengxin Zhang</b> - Institute of Tibetan Plateau Research, Chinese Academy of Sciences
14:50-15:10	<b>Plant nitrogen use strategies along alpine meadow degradation</b> <b>Fei Peng</b> - Northwest Institute of Eco-Environment and Resource, Chinese Academy of Sciences
15:10-15:30	<b>Phosphorus transformation in natural and anthropogenic soil chronosequences</b> <b>Laiming Huang</b> - Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of
15:30-15:50	<b>Ca, Mg and K availability along the 127-year glacial retreat Hailuoguo chronosequence: stocks, release, and stable isotope tracing</b> <b>Nuria Basdedios</b> - Karlsruhe Institute of Technology, Germany
15:50-16:10	<b>Coffee Break</b>
Session 4 Chair: <b>Baoqing Hu</b>	
16:10-16:40 Invited Speaker	<b>Seasonal changes in arbuscular mycorrhizal fungi community along a slope gradient in an arable purple soil after 10-years of natural fallow</b> <b>Xinhua He</b> - The University of Western Australia
16:40-17:00	<b>Plant phosphorus-acquisition and -use strategies affect soil carbon cycling</b> <b>Wenli Ding</b> - Beijing Forestry University
17:00-17:20	<b>Resource control over grassland productivity-biodiversity relationships</b> <b>Jianqing Du</b> - University of Chinese Academy of Sciences
17:20-17:40	<b>Exogenous carbon alleviated phosphorus environmental impact through mediating phosphorus dynamics: a case study of continuous manure input in southwest China</b> <b>Xiaoyan Tang</b> - Sichuan Agricultural University
17:40-18:00	<b>Effects and mechanisms of selenium on nutrient regulation and soil nitrogen utilization of Guanxi pomelo</b> <b>Ting Zhan</b> - Tianfu Yongxing Laboratory
Wednesday 8 May	
Venue: Academic Hall, Floor 1, Institute of Mountain Hazards & Environment	
Session 5 Chair: <b>Wolfgang Wilcke</b>	
09:00-09:30 Invited Speaker	<b>Colloidal P in the glacier foreland soil chronosequence of New Zealand's Franz Josef Glacier</b> <b>Roland Bol</b> - Forschungszentrum Jülich, Germany
09:30-09:50	<b>Vertical distribution characteristics of soil nutrient elements in an ecological barrier Area, Sichuan-Yunnan, China</b>
09:50-10:10	<b>Controlling factors of weathering in fluvial islands and its implication on the establishment of soil chronosequence in the lower Yangtze River flood plain</b> <b>Jingtao Wu</b> - Huaiyin Normal University
10:10-10:30	<b>Oasis construction and its soil development in Hexi Corridor, China</b> <b>Yongyong Zhang</b> - Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences
10:30-10:40	<b>Coffee Break</b>
Session 6 Chair: <b>Linchuan Fang</b>	
10:40-11:10 Invited Speaker	<b>The important role of soil microbes in carbon and nitrogen cycling</b> <b>Edith Bai</b> - Northeast Normal University
11:10-11:30	<b>Implication of forest management in soil quality enhancement and building resilience: Case of the Panchase protected forest, Gandaki Province, Nepal</b> <b>Udhab Raj Khadka</b> - Tribhuvan University, Nepal
11:30-11:50	<b>Interpreting the differences in microbial carbon and nitrogen use efficiencies estimated by 18O labeling and ecoenzyme stoichiometry</b> <b>Lifei Sun</b> - Nanning Normal University
11:50-12:10	<b>Long-term study and revelation of sediment silt deposition-forming characteristics of the Yellow River - A case study of the lower reaches of the Yellow River Basin in China</b> <b>Zixuan Zhang</b> - China University of Mining and Technology-Beijing
12:10-14:00	<b>Lunch &amp; Break</b>
Session 7 Chair: <b>Edith Bai</b>	
14:00-14:30 Invited Speaker	<b>Microbial community composition of biological soil crusts modulates nitrogen deposition induced changes in microbial necromass carbon</b> <b>Xiaobing Zhou</b> - Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences
14:30-14:50	<b>A mechanistic representation of plant-available phosphorus in soil and a data assimilation approach to quantify it</b> <b>Enqing Hou</b> - South China Botanical Garden, Chinese Academy of Sciences
14:50-15:10	<b>Development and application of phosphate oxygen isotope analysis technology for environmental samples</b> <b>Jingfu Wang</b> - Institute of Geochemistry, Chinese Academy of Sciences
15:10-15:30	<b>Surface system processes and soil formation evolution in high-altitude and cold small watersheds in northern Tibetan Plateau</b> <b>Fei Yang</b> - Institute of Soil Science, Chinese Academy of Sciences
15:30-15:50	<b>State and dynamics of cryosphere of Upper Karnali Basin, associated hazard and implication to water resources and livelihood</b> <b>Motilal Ghimire</b> - Tribhuvan University, Nepal
15:50-16:00	<b>Coffee Break</b>
Session 8 Chair: <b>Xiaobing Zhou</b>	
16:00-16:30 Invited Speaker	<b>Unraveling the hidden world: Spatial heterogeneity and determinants of deep soil microbiomes</b> <b>Linchuan Fang</b> - Wuhan University of Technology
16:30-16:50	<b>Plant nutrient-acquisition strategies and its mechanisms of alpine meadow to permafrost degradation in the Tibetan Plateau</b> <b>Yan Yang</b> - Institute of Mountain Hazards and Environment, Chinese Academy of Sciences
16:50-17:10	<b>Coordination among leaf and fine-root traits along a strong natural soil fertility gradient</b> <b>Xavier Guilbeault-Mayers</b> - University of Montreal, Canada
17:10-17:30	<b>Functional diversity and microbial activity co-regulate mixture effects on litter decomposition in a tropical karst seasonal rainforest</b> <b>Guangting Pei</b> - Nanning Normal University
17:30-17:50	<b>Successional trajectories of soil microbiomes: Linking community structure to functions during ecosystem development</b> <b>Yuhan Wang</b> - Institute of Mountain Hazards and Environment, Chinese Academy of Sciences
Closing Ceremony Chair: <b>Yanhong Wu</b>	
17:50-18:00	<b>Award for outstanding presentation</b>
18:00-18:10	<b>Prof. Hans Lambers</b> Closing Speech from the Chairman of SNCC2024
Tuesday to Thursday 9-11 May	
Post-conference Field Trip	
Date	Details
May 9	8:30 am: Depart to Moxi Town and Vitsit the Yajiageng Field Experiments of Gongga Mountain
May 10	8:30 am: Visit the Glacier Retreat Area of Hailuoguo and the Observation Station of Gongga Mountain Alpine Ecosystem
May 11	8:30 am: Return to Chengdu