

Global Soil Erosion Research Forum 2018 (GSERF 2018)



September 12-16, 2018

Yangling, China

General Information

Global Soil Erosion Research Forum 2018 (GSERF 2018)

General Information

The Global Soil Erosion Research Forum 2018 (GSERF 2018), initiated by World Association of Soil and Water Conservation (WASWAC), Desert Net International (DNI), and Chinese Society of Soil and Water Conservation, will take place in Yangling, Shaanxi, China, from September 12th to 16th, 2018.

Aims and Scope

The GSERF 2018 will bring together scientists from all over the world to present the latest research on soil erosion and discuss their concerns on soil and water conservation. With the aims to improve our current understanding of soil erosion and ecological conservation along the Silk Road as well similar ecotones all over the world, the GSERF 2018 encourage the attendees to share your new findings in soil erosion processes, mechanisms, risk assessment, cutting-edge techniques and novel approaches. With special attention, one of the sessions during the GSERF 2018 will particularly focus on soil erosion and conservation in the Pan-Third-Pole region (i.e., Tibet and Himalaya-affected areas), one of most erosion susceptible regions in the world. After thorough exchanges and discussions with soil erosion experts and peer researchers, we expect to propose a framework for cross-country collaboration and joint research projects of soil erosion and conservation. We are cordially looking forward to meeting all the relevant experts, young researchers and graduate students in Yangling.

Major Themes

- 1) New challenges and potential opportunities in soil erosion research
- 2) Theories and applications of soil conservation and ecological restoration
- 3) Soil erosion risks and countermeasures in the Pan-Third-Pole region

General Information

Executive Chair

Baoyuan LIU, Director of State Key Lab of Soil Erosion and Dryland Farming on the Loess Plateau

Local Organizing Committee

Leaders

Guobin LIU, Director of Institute of Soil and Water Conservation, Chinese Academy of Sciences,
Northwest A&F University

Hao FENG, Deputy Director of Institute of Soil and Water Conservation, Chinese Academy of
Sciences, Northwest A&F University

Committee members

Duihu NING, Secretary-General of World Association of Soil and Water Conservation

Yujie WANG, Vice President, Chinese Society of Soil and Water Conservation

Fei WANG, Co-Chair of Desert Net International

Jin YU, Director of International Cooperation and Exchange Office, Northwest A&F University

Shiqing LI, Executive Deputy Director of State Key Lab of Soil Erosion and Dryland Farming on the
Loess Plateau

Shaoshan AN, Chief of Science-Technology Office in the Institute of Soil and Water Conservation

Scientific Committee:

Lun SHAN, Academician, Northwest A&F University, China

Bojie FU, Academician, Research Center for Eco-Environmental Sciences, Chinese Academy of
Sciences

Tandong YAO, Academician, Institute of Tibetan Plateau Research, Chinese Academy of Sciences

General Information

Ming'an SHAO, Academician, Soil and Water Conservation and Ecosystem Environment Research Center, Chinese Academy of Sciences, Ministry of Education

Pute WU, President of Northwest A&F University

Rui LI, President of World Association of Soil and Water Conservation

Qianjun ZHAO, Deputy Director of Resource and Environment Division, Bureau of Science & Technology for Development, Chinese Academy of Sciences

Wencong ZHANG, Deputy Director of Department of Soil and Water Conservation, Ministry of Water Resources

Yili ZHANG, Senior Researcher of Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

Guobin LIU, Director of Institute of Soil and Water Conservation, Chinese Academy of Sciences, Northwest A&F University

Baoyuan LIU, Director of State Key Laboratory of Soil Erosion and Dryland Farming on the Loess Plateau

Organizers



World Association of Soil and Water Conservation (WASWAC), as a worldwide academic society, was established in USA in August 1983. The WASWAC secretariat, initially located at the Soil and Water Conservation Society (SWCS), Iowa, USA, was moved on 1 April 2003 to the International Center for Research and Training on Seabuckthorn (ICRTS), Beijing, China, and from October 2010 to the International Research and Training Center on Erosion and Sedimentation (IRTCES), also in Beijing. Since its founding, the WASWAC has devoted itself to research and communication to solve scientific and technical problems related to soil and water conservation. Many cooperative research projects have been conducted, a series of international training courses, symposia and workshops have been organized, and several awards in the field of soil and conservation have been set up and sponsored by WASWAC. The aim of WASWAC is to promote the wise use of management practices that will improve and safeguard the quality of land and water resources so that they continue to meet the needs of agriculture, society and nature. The vision of WASWAC is a world in which all soil and water resources are used in a productive, sustainable and ecologically sound manner. For more information, please visit: <http://www.waswac.org/waswac>



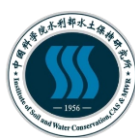
DesertNet International, as a network, is to provide a platform for scientific discussions and exchange of ideas, foster cutting edge science, identify topics and research areas, identify and document scientific state of the art of the main topics in desertification assessment, risk evaluation, mitigation and restoration, identify and articulate the economic drivers and the socio-economic consequences of desertification, integrate scientific findings across disciplines, translate into common language and communicate scientific findings, and work in and on affected areas worldwide. The DesertNet International also communicates with stakeholders and policy-makers to identify minimum consensus on consolidated knowledge, evaluate scientific knowledge for stakeholders and policy makers, disseminate knowledge, respond to demands for assessment and information needs address knowledge gaps, translate knowledge to improve governance, and identify issues and priorities for stakeholders and public policies. For more information, please visit: <http://www.desertnet-international.org>



Chinese Society of Soil and Water Conservation (CSSWC), as a member of China Association for Science and Technology, was founded in March, 1985. The secretariat of the CSSWC is located on the campus of Beijing Forestry University. Over the decades, the CSSWC has organized visits of research groups from all over the world, and international conferences to specially discuss the frontiers and latest issues in the field of soil and water conservation. The CSSWC also dedicates to educating local farmers, teaching soil and water conservation techniques, publishing research or news reports, helping government to evaluate projects and programs, and providing suggestions to policy makers. For more information, please visit: <http://www.sbxh.org/sbxhindex>



Northwest A&F University is a key national comprehensive university directly under the administration of the Ministry of Education of China. As one of the leading universities in China, NWUAF is supported by Ministry of Education's “Project 985” and “Project 211”. The NWAFU is the only education institution in China that is completely equipped with disciplines of agriculture, forestry, and water science. Currently, there are 23 colleges (departments, institutes) and Graduate School, covering disciplines of agriculture, science, engineering, economics, business, liberal arts, law, philosophy, history, medicine, education, arts, etc. The recruitment of undergraduate students has been initiated in 1934 and post-graduate students in 1941. During the past eight decades, more than 130,000 professional talents have stepped out of campus to work home and abroad, among whom 15 have become academicians of Chinese Academy of Sciences and Chinese Academy of Engineering. They have made outstanding contributions to the Northwest area and the whole China in the field of agriculture modernization, rural economic and social development. For more information, please visit: <http://en.nwsuaf.edu.cn>



The **Institute of Soil and Water Conservation (ISWC)** is located at Yangling, Shannxi Province, the birthplace of ancient Chinese agricultural civilization. It was established in 1956 and is the first institute of Chinese Academy of Sciences in Northwest China. In 1999, ISWC merged with other 6 institutions at Yangling into Northwest A&F University. The institute has about 200 staffs, including 1 academician each of CAS and the CAE, and 1 academician of the International Academy of Science for Europe and 63 senior professional positions. The key research topics of ISWC are mainly based on soil erosion and dryland farming on the Loess Plateau, ranging from soil erosion process and prediction models in complex environment; water saving principles in dryland farming, development of soil-water conservation technique, ecological restoration and services. For more information, please visit: <http://english.iswc.cas.cn>



State Key Laboratory of Soil Erosion and Dryland Farming on the Loess Plateau was founded in 1989, jointly initiated by the Chinese Academy of Sciences, Ministry of Water Resources and the Institute of Soil and Water Conservation. The aim of the State Key Lab is to expand the development of soil erosion and dryland farming, with special focuses on agricultural production and ecosystem restoration on the Loess Plateau. The State Key Lab is specialized in the research fields of soil erosion mechanisms, processes and modeling, and has accomplished significant achievements in soil erosion control and ecosystem restoration on the Loess Plateau over the past few decades. The frontier research on soil nutrient cycling and highly efficient use of water and nutrient on dryland farming also considerably contribute to improving regional soil degradation. For more information, please visit: <http://skl.iswc.cas.cn>

Program Summary

Date	Time	Program	Location
Sept. 12	09:00–22:00	Registration	Yangling International Convention & Exhibition Hotel
	08:20-08:50	Opening Ceremony	NWAFU International Exchange Center 208
	09:20-12:20	Keynote Speech	NWAFU International Exchange Center 208
Sept. 13	12:40-13:40	Lunch – Buffet	Western Dining Room, Hotel
	14:00-18:20	Keynote Speech	NWAFU International Exchange Center 208
	18:40-21:00	Welcome Dinner	Western Dining Room, Hotel
	08:20-12:20	Keynote Speech	NWAFU International Exchange Center 208
Sept. 14	12:40-14:00	Lunch – Buffet	Western Dining Room, Hotel
	14:30-18:00	Session Discussion	NWAFU International Exchange Center 210
	18:30-21:00	Dinner – Buffet	Western Dining Room, Hotel
Sept. 15	08:00–18:00	Visit the laboratory	Changwu
Sept. 16	08:00–18:00	Visit the laboratory	Institute of Soil and Water Conservation

Full Program

Wednesday, September 12, 2018	
09:00–22:00	Registration
18:00–21:00	Dinner – Buffet (Yangling International Convention & Exhibition Hotel Western Dining Room)
Thursday, September 13, 2018	
08:00–08:20	Bus to NWAUFU International Exchange Center Meeting point: Hotel Gate
08:20–08:50	Opening Ceremony
Chaired by:	Guobin Liu , Institute of Soil and Water Conservation, CAS and NWAUFU
	<p>Jun LUO, Vice President of Northwest A&F University</p> <p>Jinliang ZHAI, Director of Resource and Environment Division, Bureau of Science & Technology for Development, Chinese Academy of Sciences</p> <p>Wencong ZHANG, Deputy Director of Department of Soil and Water Conservation, Ministry of Water Resources</p> <p>Rui LI, President of World Association of Soil and Water Conservation</p> <p>Carmelo DAZZI, President of European Society for Soil Conservation</p> <p>Yujie WANG, Vice President, Chinese Society of Soil and Water Conservation</p>
08:50–09:20	Group Photo & Tea Break
Keynote Speech	
Chaired by:	<p>José Luis RUBIO, Deputy President of World Association of Soil and Water Conservation</p> <p>Duihu NING, Secretary-General of World Association of Soil and Water Conservation</p>
09:20–09:50	Challenges in soil erosion research and process-based model development Chi-Hua HUANG , USDA-ARS National Soil Erosion Research Lab
09:50–10:20	A Survey of Soil Erosion in China in 2010 Baoyuan LIU , State Key Laboratory of Soil Erosion and Dryland Farming on the Loess Plateau
10:20–10:50	New challenges in soil erosion research for the future Ildelfons PLA SENTIS , International Soil Conservation Organization (ISCO)

Full Program

10:50–11:20	Global Soil Erosion Status and Trends Pasquale BORRELLI , University of Basel, Switzerland
11:20–11:40	Video Presentation Rattan LAL , The Ohio State University, USA
11:40–12:00	Pan-Third Pole Environment Study for a Green Silk Road Baiqing XU , Institute of Tibetan Plateau Research, Chinese Academy of Sciences
12:00–12:20	Hillslope soil erosion study in the Chinese Mollisol Fenli ZHENG , Institute of Soil and Water Conservation, Chinese Academy of Sciences
12:30	Bus Back to Hotel
12:40–13:40	Lunch (Western Dining Room, Hotel)
13:50	Bus to NWFU International Exchange Center Meeting point: Hotel Gate
Keynote Speech	
Chaired by:	Pasquale BORRELLI , University of Basel, Switzerland Fenli ZHENG , Senior Researcher of Institute of Soil and Water Conservation, Chinese Academy of Sciences
14:00–14:20	Measures of erosion control and ecological restoration after forest fires in Mediterranean environments José Luis RUBIO , Deputy President of World Association of Soil and Water Conservation
14:20–14:40	Water flow velocity over Saturated slope Tingwu LEI , China Agricultural University
14:40–15:00	24 years experience with conservation tillage systems in Austria Andreas KLIK , University of Natural Resources and Life Sciences Vienna Austria
15:00–15:20	Gully erosion and sediment control by check dam on Loess Plateau Zhanbin LI, Peng LI , Xi'an University of Technology, China
15:20–15:40	Soil degradation assessment in the Czech Republic focused on water and wind erosion Borivoj SARAPATKA, Miroslav DUMBROVSKY, Jana PODHRAZSKA , Palacky University, Brno University of Technology, Mendel University, Czech Republic

Full Program

15:40–16:00	Discussion on water erosion monitoring in China Pingcang ZHANG, Dongbing CHENG , Changjiang River Scientific Research Institute
16:00–16:20	Tea Break
Chaired by:	Carmelo DAZZI , President of the European Society for Soil Conservation Fan ZHANG , Senior Researcher of Institute of Tibetan Plateau Research, Chinese Academy of Sciences
16:20–16:40	Experience in resource management across extensive areas of the Great Barrier Reef Catchments Christopher CARROLL , Griffith University, Australia
16:40–17:00	Practices and challenges in soil conservation in Pannonian plain Branko CUPINA , Novi Sad University of Serbia
17:00–17:20	Sustainable Land Management (SLM) to reduce soil erosion in the Upper Blue Nile basin, Ethiopia Atsushi TSUNEKAWA , Tottori University, Japan
17:20–17:40	Soil erosion mechanism and control in red soil region of south China Yin LIANG, Longxi CAO , Institute of Soil Science, Chinese Academy of Sciences
17:40–18:00	Nature-based Solution on Soil Erosion Control—Principles of measures layout on slope Tiehui LIU , Shaanxi Provincial Bureau of Soil and Water Conservation
18:00–18:20	Study on the demarcation of boundaries of the Gullied Loess Plateau in the Yellow River Basin Fugui WANG , Administration Bureau of the Upper and Middle Reaches of the Yellow River, the Water Conservancy Commission of the Yellow River
18:30	Bus Back to Hotel
18:40–21:00	Welcome Dinner (Western Dining Room, Hotel)
Friday, September 14, 2018	
08:00	Bus to NWFU International Exchange Center Meeting point: Hotel Gate
Keynote Speech	
Chaired by:	Chi-Hua HUANG , Director of USDA-ARS National Soil Erosion Research Lab Guobin LIU , Director of Institute of Soil and Water Conservation

Full Program

08:20–08:50	Global Dryland Ecosystem Program Bojie FU , Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences
08:50–09:20	Human Induced Soil Erosion: a new concept for a new environmental challenge and a new soil Carmelo DAZZI , European Society for Soil Conservation
09:20–09:40	The change of forest vegetation and the evolution of soil erosion in Southeast Asia Chinapatana SUKVIBOOL , World Association of Soil and Water Conservation
09:40–10:00	Effects of wheat on soil erosion on sloping farmland Faqi WU , Northwest A&F University, China
10:00–10:20	Tea Break
Chaired by:	Baoyuan LIU , Director of State Key Lab of Soil Erosion and Dryland Farming on the Loess Plateau Andreas KLIK , Professor of University of Natural Resources and Life Sciences Vienna, Austria
10:20–10:40	Experimental study on the motion characteristics of non-uniform bed particles Wenhong CAO , China Institute of Water Resources and Hydropower Research
10:40–11:00	Technology of Anti-Erosion and Vegetation for Pisha Sandstone Area Wenyi YAO , Yellow River Institute of Hydraulic Research
11:00–11:20	Combating Aeolian Desertification in China Jianjun QU, Benli LIU , Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences
11:40–12:00	Sediment transport in the Yarlung Tsangpo River over the Tibetan Plateau Fan ZHANG , Institute of Tibetan Plateau Research, Chinese Academy of Sciences
12:00–12:20	Mapping Soil Erosion in Large Scale Region-- from 3rd Pan-Pole area to Global Qinke YANG , Northwest University, China
12:30	Bus Back to Hotel
12:40–14:00	Lunch - Buffet (Western Dining Room, Hotel)
14:10	Bus to NWAUFU International Exchange Center Meeting point: Hotel Gate

Full Program

14:30-16:00	Session Discussion: Problems and Challenges of Soil Erosion Research
	<p>Conveners: Baoyuan LIU, Chi-Hua HUANG</p> <p>Invited representatives: Rui LI, Pasquale BORRELLI, Ildefons PLA SENTIS, Carmelo DAZZI, Andreas KLIK, Bojie FU, Fenli ZHENG, Jana PODHRAZSKA, Tingwu LEI, Zhangbin LI, Faqi WU, Wenhong CAO, Wenyi YAO, Qingke YANG, José Luis RUBIO, Christopher CARROLL, Chinapatana SUKVIBOOL, Miroslav DUMBROVSKY, Borivoj SARAPATKA, Branko CUPINA, Atsushi TSUNEKAWA, Guobin LIU, Pingcang ZHANG, Yin LIANG, Tiehui LIU, Fugui WANG, Jianjun QU, Fan ZHANG, Baiqing XU, Juying JIAO</p> <p>Other people than listed above are also welcome to participate in the discussion.</p>
16:00–16:20	Tea Break
16:20–17:40	Session Discussion: Global soil erosion assessment
	<p>Conveners: Rui LI, Pasquale BORRELLI</p> <p>Invited representatives: Baoyuan LIU, Chi-Hua HUANG, Ildefons PLA SENTIS, Carmelo DAZZI, Andreas KLIK, Bojie FU, Fenli ZHENG, Jana PODHRAZSKA, Tingwu LEI, Zhangbin LI, Faqi WU, Wenhong CAO, Wenyi YAO, Qingke YANG, José Luis RUBIO, Christopher CARROLL, Chinapatana SUKVIBOOL, Miroslav DUMBROVSKY, Borivoj SARAPATKA, Branko CUPINA, Atsushi TSUNEKAWA, Guobin LIU, Pingcang ZHANG, Yin LIANG, Tiehui LIU, Fugui WANG, Jianjun QU, Fan ZHANG, Baiqing XU, Juying JIAO</p> <p>Other people than listed above are also welcome to participate in the discussion.</p>
17:40–18:00	Closing Ceremony
18:10	Bus Back to Hotel
18:30–21:00	Dinner - Buffet (Western Dining Room, Hotel)
Saturday, September 15, 2018	
08:00–18:00	Visit the laboratory, Changwu
18:30–21:00	Dinner - Buffet (Western Dining Room, Hotel)
Sunday, September 16, 2018	
08:00–18:00	Visit the laboratory, Institute of Soil and Water Conservation
18:30–21:00	Dinner - Buffet (Western Dining Room, Hotel)

Invited Speakers

International Scholars

(listed in Alphabetical order of the given names)



Andreas KLIK (Austria), Ph.D., Professor, Deputy Head of the Institute of Hydraulics and Rural Water Management. Prof. Klik mainly focuses on: 1) soil and water conservation in humid and semi-arid areas; 2) field and laboratory investigation of soil erosion processes by water; 3) soil erosion models and their application; 4) water and solute transport in the unsaturated zone; 5) rural water management (irrigation and drainage). Prof. Klik, as leader of 61 research projects funded by Austrian Ministries, Local Austrian Governments, the Austrian Academy of Science and other international universities and organizations.



Atsushi TSUNEKAWA (Japan), Ph.D., Professor, Division of Integrated Desertification Control, Arid Land Research Center, and Head of Strategic Management Office, International Platform for Dryland Research and Education, Tottori University. Prof. Atsushi mainly focuses on: 1) sustainable agriculture in drylands; 2) sustainable Land Management (SLM) to combat desertification; 3) monitoring and modeling dryland ecosystem processes. Prof. Atsushi led the “Global Center of Excellence Program” (“Global Center of Excellence for Dryland Science”) which is carried out with collaboration of ICARDA and DRI (USA).



Bořivoj ŠARAPATKA (Czech Republic), Prof., Dr., Ing., CSc. Head of Section Biology, Ecology and Environmental Sciences at the Faculty of Science, Palacký University in Olomouc. Bořivoj ŠARAPATKA has extensive international collaboration with the Sweden, Netherlands, US, Australia and Germany over a number of international projects. Bořivoj ŠARAPATKA is a member of several specialist associations and councils. Meanwhile, he is the editor of Soil and Water Research, Phytopedon (SK). Bořivoj ŠARAPATKA has published 33 monographs and 236 articles, and he owns 3 patents



Branko ĆUPINA (Serbia), Ph.D., Professor, Faculty of Agriculture, University of Novi Sad. So far, Prof Ćupina has published 7 books and more than 30 peer-reviewed articles. Prof Ćupina also published numerous technical papers and popular articles in the field of forage crops. Apart from that, Prof Ćupina also participates in many research projects.



Carmelo DAZZI (Italy), Ph.D., Professor, Full Professor of Soil Science at the Department of Agricultural, Food and Forest Sciences of the University of Palermo. His scientific research concerns the wide area of Soil Science and Land Evaluation for agriculture and forestry. He has coordinated several research projects and published about 250 scientific paper and some book chapters. He is a reviewer for several international journals and is member of the Editorial Board of many journals.

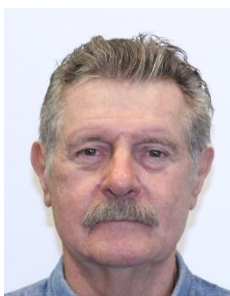
Invited Speakers



Chi-hua HUANG (United States), Ph.D., the research Leader and Soil Scientist of USDA-ARS National Soil Erosion Research Lab., the adjunct Professor of Agronomy Department in Purdue University. Huang participated in several international research committees and associations. Currently, Huang is serving as the US coordinator for the Sino-US Joint Centers for Soil Erosion and Environmental Protection. Huang has published 2 monographs and more than 21 peer-reviewed papers.



Chinapatana SUKVIBOOL (Thailand), Deputy President of the World Association of Soil and Water Conservation (WASWAC) (January 2010 – December 2016). He chaired or co-chaired about 30 international conferences. He was also a member of Soil and Water conservation Society of Thailand, Soil and Fertilizer Society of Thailand. He played a major role in organizing the 2nd WASWAC World Conference in Chiang Rai, Thailand, Sept 4-7, 2013.



Christopher CARROLL (Australia), Ph.D., Professor, Adjunct Associate Professor of Griffith University and Centre for Environmental Management (CEM) Advisory Group member of Central Queensland University. Prof Carroll is the referee of Australian Journal of Soil Research and Journal of Soil and Tillage Research. Since 1981, Prof Carroll has published and co-authored over sixty papers and reports for journals, periodicals, international conferences and workshops on research outcomes from the managed projects.



Ildelfonso PLA SENTIS, (Spain), Ph.D., Soil Science (UCR, USA); Spec. Drainage Agricultural Lands (ILRI-Univ. Wageningen, the Netherlands); Spec. Soil Salinity (USSL-USDA, USA). President of the International Soil Conservation Organization (ISCO). Visiting Professor and Invited Researcher in Universities and Research Centers in Latin America, USA, Europe, Asia and Africa. He published more than 200 publications (books, chapters of books, papers in journals) in the area of Soil and Water Management and Conservation.



Jana PODHRÁZSKÁ (Czech Republic), Assistant Professor, graduated from Mendelu University in Brno, majoring in Applied and Landscape Ecology. Since 2002, she has worked in Mendelu University, and now she is a researcher at Research Institute for Soil and water Conservation. She mainly focuses on soil and water protection, wind and water erosion, land consolidation, and land planning.



Jos éL. RUBIO (Spain), is one of the founders of the European Society for Soil Conservation (ESSC), and has been its president from 1998 to 2011. At present, he is the Chief of the Department of Soil Degradation and Soil Conservation at CIDE. Jos éLuis Rubio is directly involved in the conceptual development of soil security in the context of environmental security in connection with NATO, OSCE, UNCCD, and the Spanish Ministry of Environment. At present he is very much involved in the development of the EU Strategy of Soil Protection and the ongoing EU Soil Framework Directive.

Invited Speakers



Miroslav DUMBROVSKY (Czech Republic), Ph.D., Professor, Faculty of Civil Engineering, Brno University of Technology. He mainly focuses on Soil and Water Conservation. Prof. Dumbrovsky is the Vice-Head of Institute of Water Landscape Management and Leader of research team, research and teaching in fields of Soil and Water Conservation, Land Consolidation.



Rattan Lal (USA), Ph.D., President of the International Soil Federation, Dean of the School of Resources and Environment, Ohio State University, Distinguished Professor, Director of the Center for Climate Change and Carbon Management and Fixed Research, Adjunct Professor of the University of Iceland. He has been engaged in soil science research for more than 50 years and his research experience includes North America, Europe, Asia and Africa. He is mainly engaged in global change and carbon management, soil processes and greenhouse gas effects, soil and water sustainable management, degraded soil restoration and reconstruction, conservation tillage, agroforestry and ecological agriculture, agricultural development in the third world countries.



Pasquale BORRELLI (Italy), Ph.D., Assistant Professor, Dept. of Environmental Geosciences, University of Basel, Switzerland. His current research activity aims to develop new approaches to better predict and understand the spatio-temporal dynamics of soil erosion at multiple scales (from field to global-scale). Dr. Borrelli has extensive international collaboration with research institutions (EU JRC, UN FAO, UN WFP) and scholars from over 30 universities. So far, Dr. Borrelli has published over 50 international peer-reviewed publications (source Google Scholar) with +1500 citations, h-index 20, i10-index 31, and another 8 manuscripts under review in journals that are ISI indexed.

Chinese Scholars

(listed in Alphabetical order of the given names)



Baiqing XU, Ph.D., Senior Researcher, Deputy Director of Key Laboratory of Environmental Change and Surface Process, Qinghai-Tibet Plateau, Chinese Academy of Sciences. He is mainly engaged in changes of snow and ice on the Tibetan Plateau - atmospheric chemistry and climate change research. He won the National Science Fund for Distinguished Young Scholars in 2011.



Baoyuan LIU, Ph.D., Professor, Beijing Normal University. His is mainly interested in soil erosion. Since 1990, he has been engaged in soil erosion research and has published nearly 40 peer-reviewed papers. At the same time, he is a member of the China Soil and Water Conservation Society, a member of the China Natural Resources Society, and a member of the American Society of Agricultural Engineering.

Invited Speakers



Bojie FU, Ph.D., Professor, Academician of Chinese Academy of Sciences, Member of the Academy of Sciences of Developing Countries, Researcher at the Research Center for Eco-environmental Sciences of Chinese Academy of Sciences, Minister of Geography Science Department of Beijing Normal University, President of China Geographical Society. He mainly focuses on land use structure and ecological process, landscape ecology and ecosystem services. So far, Prof. FU has published more than 400 peer-reviewed articles.



Faqi WU, Ph.D., Professor, Deputy Director of the Soil Erosion and Soil and Water Conservation Committee of the Chinese Soil Society, Executive Director of the Shaanxi Provincial Soil and Water Conservation Society, Member of the Teaching Steering Committee of the Soil and Water Conservation and Desertification Prevention and Control Committee of the State Forestry Administration. Prof. Wu mainly focuses on soil erosion and soil and water conservation, land resources and regional ecological environment restoration. Since 1982, he has led or participated in 14 scientific research projects, and published 7 textbooks, 5 monographs, and 80 papers (46 first-authored).



Fan ZHANG, Ph.D., Senior Researcher, Institute of Tibetan Plateau Research, Chinese Academy of Sciences. She is currently the Associate Editor of ASCE-Journal of Hydrological Engineering and has published over 50 SCI-indexed papers. She is mainly engaged in hydrology and water environment simulation. She was included in the Hundred Talents Program in 2010 and won Outstanding Youth Science Foundation in 2014.



Fenli ZHENG, Ph.D., Senior Researcher, Director of Sino-US Joint Centers for Soil and Water Conservation and Environmental Protection; Member of the Scientific Committee of Landslide and Debris Flow of Chinese Academy of Sciences. Prof. ZHENG has extensive international collaboration with the US, France and Austria over a number of international projects. So far, she has published more than 250 peer-reviewed articles.



Fugui WANG, Senior Engineer, graduated from Hohai University. He has been mainly engaged in water and soil conservation planning and design, small watershed management, monitoring of soil and water conservation, soil erosion mechanism and sediment variations in the Yellow River.



Jianjun QU, Ph.D., Senior Researcher, Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences. Director of the Dunhuang Gobi Desert Ecology and Environment Research Station. He mainly focuses on physical geography, desertification, desert environment, sand physics, and sandstorm hazard. In 2003, he won the first prize of National Science & Technology Progress Award.

Invited Speakers



Pingcang ZHANG, Ph.D., Professor, Senior Engineer, Director of the Soil and Water Conservation Institute of the Changjiang River Scientific Research Institute. He is mainly interested in soil erosion, soil and water conservation and ecological environment construction. He is also a member of the Standing Committee of the Landslide and Debris Flow Professional Committee of the China Soil and Water Conservation Society, a member of the Soil Erosion and Soil and Water Conservation Committee of the Chinese Soil Society and a member of the International Soil and Water Conservation Society.



Qinke YANG, Ph.D., Professor, Executive Director of Shaanxi Geographical Society, Vice President and Secretary General of Yangling Branch of Shaanxi Geographical Society. He mainly focuses on quantitative evaluation of regional soil erosion and topographic factors of regional soil erosion. During the past few years of research, Prof. YANG has published more than 10 peer-reviewed articles.



Tiehui LIU, Professor, Director of Shaanxi Provincial Bureau of Soil and Water Conservation Surveying and Planning. He mainly deals with erosion control in Loess Plateau, specially focusing on regional and watershed management and soil conservation measures. He has published 3 monographs and several articles. In recent years, he is interested in eco-clean small watershed management.



Tingwu LEI, Ph.D., Professor, College of Water Resources and Civil Engineering, China Agricultural University. He is also the Executive Director of China Agricultural Engineering Society; and the Director of China Soil and Water Conservation Society. He managed to obtain nearly 30 patents. He also published books "Physical Model of Gully Erosion" and "Soil Surface Erosion Dynamic Process and Chemical Control Technology". So far, he has published more than peer-reviewed 200 papers, including 30 SCI-indexed and 90 EI-indexed.



Wenhong CAO, Ph.D., Professor, Director of Department of Sediment Research of China Institute of Water Resources and Hydropower Research (IWHR). He is mainly engaged in research on river management and soil and water conservation. So far, he has led or participated in more than 30 scientific research projects including national, provincial, ministerial level and international cooperation projects.



Wenyi YAO, Senior Professor, Director of the Institute of Sediment Research at the Yellow River Institute of Hydraulic Research. He is also the Deputy Director of the Sedimentation Committee of Henan Water Conservancy Society, and a Member of China Soil and Water Conservation Society. His research interests are soil erosion mechanics, sediment transport, riverbed evolution and management, and water resources and environment.

Invited Speakers



Yin LIANG, Ph.D., Senior Researcher, Deputy Director of Yingtan Red Soil Ecological Experiment Station of Chinese Academy of Sciences, and the Director of China Soil and Water Conservation Society. He is mainly engaged in water erosion mechanism, soil erosion factor and, vegetation restoration and carbon sequestration.



Zhanbin LI, Ph.D., Senior Professor, Vice President of Xi 'an University of Technology. His research interests are water cycling during heavy rainstorms, flood risk and processes in the arid and semi-arid regions; soil erosion, erosion modeling and sediment delivery; soil and water conservation measures and its environmental effects; mechanics of soil water erosion and risk control on the Chinese Loess Plateau.

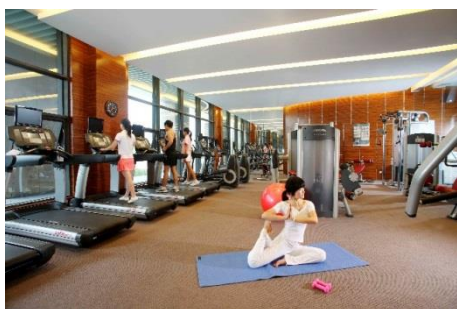
Local Services

SHOPPING MALL

- ✚ Shengshi Yangguang Shopping Mall (盛世阳光生活广场)
ADD.: 渭惠路火车站旁
- ✚ . Hao You Duo Shopping Mall (好又多)
ADD.: 新时代广场
- ✚ . Duo Mei Hui Supermarket (多美汇超市)
ADD.: 五湖路中段永丰嘉苑旁

GYMNASIUM

- ✚ Ying Hao Gymnasium (英豪健身房)
ADD.: 渭惠路盛世阳光 3 楼



CINEMA

- ✚ Wanda Cinema (杨凌万达影城)
ADD.: 恒大城门口
- ✚ Ever Grande Cinema (杨凌恒大影城)
ADD.: 渭惠路盛世阳



COFFEE BAR

- ✚ Shangdao coffee (上岛咖啡)
ADD.: 神农路 16 号创业大厦 2 楼
- ✚ Liang An coffee (两岸咖啡)
ADD.: 渭惠路盛世阳光 3 楼



BAR:

- ✚ Blue diamond Bar (蓝钻音乐酒吧)
ADD.: 新时代广场 2 楼
- ✚ Tri-Color bar (三色酒吧)
ADD.: 盛世阳光生活广场



KTV

- ✚ Tianyuan Villa TV (田园山庄 KTV)
ADD.: 郃城南路田园山庄酒店 3 楼
- ✚ Suge KTV (苏格 KTV)
ADD.: 渭惠路盛世阳光 5 楼

Local Services

PARK

- Water park of Yangling (水上运动中心公园)
ADD.: 水运西路
- Plant Garden (树木园)
ADD.: 常青路与神龙路十字西北角
- Yangling Jiao Jia Garden (教稼园)
ADD.: 五湖路与新桥路交汇处



HOSPITAL

- Hospital Yangling (杨凌示范区医院)
ADD.: 后稷路8号
- Chao Yang Hospital (朝阳医院)
ADD.: 水运路东路

MOBILE COMMUNICATIONS

- China Unicom (中国联通)
ADD.: 渭惠路盛世阳光1楼
- China Telecom (中国电信)
ADD.: 康乐路
- China Mobil (中国移动)
ADD.: 康乐路2号



BANK

- Bank of China (中国银行)
ADD.: 安居路口
- Agriculture Bank of china (中国农业银行)
ADD.: 姚安十字

PUBLIC TRANSPORT

- Bus Station (汽车站)
ADD.: 渭惠路
- Train Station (火车站)
ADD.: 渭惠路
- High-Speed Railway Station (高铁站)
ADD.: 有郃路



VIEW SPOT

- Modern Agriculture Demonstration Zone (现代农业示范园)
ADD.: 杨扶路
- Insect and Plant Museum (博览园)
ADD.: 郃城路
- Suquare of New Times (新时代广场)
ADD.: 康乐路
- Yangling Jiao Jia Garden (教稼园)
ADD.: 五湖路
- Plant Garden (树木园)
ADD.: 常青路与神龙路十字
- Water park of Yangling (水上运动中心公园)
ADD.: 郃城路