Appendix 1

Sino-Europe Mini Interdisciplinary Seminar on

Soil Conservation

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| **Monday, April 8** | | | | | |
| **Block Ⅰ** | | | | | **Moderator: Prof. Chao Yue** |
| 8:30-9:00 | **New Challenges in Ecological Hydrology and Exploration of Systematic Methods**  Prof. Lu Zhang.  School of Water Resources and Hydropower Engineering, Wuhan University | | | | |
| 9:00-9:30 | **Agricultural measures and strategies to reduce phosphorus and sediment load into open waters**  Dr. Peter Strauss  Austrian Federal Agency for Water Management | | | | |
| 9:30-10:00 | **Using a modified SWAT to predict runoff, sediment, and nutrient loss from watersheds of the Loess Plateau**  Prof. Mingbin Huang  Institute of Soil and Water Conservation, NWAFU | | | | |
| Coffee break | | | | | |
| **Block Ⅱ** | | **Moderator: Prof. Yangyang Li** | | | |
| 10:10-10:40 | **Soil erosion and Rainfall-runoff relations research using Rainfall simulators**  Prof. Tomas Dostal  Czech Technical University in Prague | | | | |
| 10:40-11:10 | **Mechanism of Organic Carbon Fixation in Vegetation Restoration on the Loess Plateau**  Prof. Shaoshan An  Institute of Soil and Water Conservation, NWAFU | | | | |
| 11:10-11:40 | **Application of tracers to determine soil erosion and sediment transport and hydrological monitoring within small agricultural catchment**  Associate Prof. David Zumr  Czech Technical University in Prague | | | | |
| 11:40-12:10 | **Contributions of Ecological Restoration Policies to China's Land Carbon Sink**  Prof. Chao Yue  Institute of Soil and Water Conservation, NWAFU. | | | | |
| Lunch Buffet | | | | | |
| **Block Ⅲ** | | | | **Moderator: Prof. Mingbin Huang** | |
| 14:00-14:30 | **Mathematical modelling of soil erosion and sediment transport using WATEM/ SEDEM model**  Dr. Barbora Jachymova  Czech Technical University in Prague | | | | |
| 14:30-15:00 | **Freeze-thaw is not uniform but unidirectional: impacts on soil and water biogeochemical cycling**  Prof. Yaxian Hu  Institute of Soil and Water Conservation, NWAFU. | | | | |
| 15:00-15:30 | **Soil erosion monitoring using UAVs**  Dr. Miroslav Bauer  Czech Technical University in Prague | | | | |
| Coffee break | | | | | |
| **Block Ⅳ** | | | **Moderator: Prof. Shaoshan An** | | |
| 15:40-16:10 | **Underground Engineers vs. Dinosaur Loads - Fighting soil degradation**  Dr. Peter Strauss  Austrian Federal Agency for Water Management | | | | |
| 16:10-16:40 | **Development and application of an automatic observation instrument for runoff and sediment under the erosion characteristics of the Loess Plateau**  Prof. Xiaoyun Zhan  Institute of Soil and Water Conservation, NWAFU. | | | | |
| 16:40-17:10 | **Influence of vegetation on shallow landslide in gully-slope on the Loess Plateau under extreme rainfall**  Prof. Wenzhao Guo.  Institute of Soil and Water Conservation, NWAFU. | | | | |
| 17:10-17:30 | **Remarks**  Dr. Peter Strauss, Prof. Tomas Dostal, Prof. Xiaoping Zhang. | | | | |