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 StraussAustrian 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 HuangInstitute 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 DostalCzech 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 ZumrCzech Technical University in Prague |
| 11:40-12:10 | **Contributions of Ecological Restoration Policies to China's Land Carbon Sink**Prof. Chao YueInstitute 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 JachymovaCzech Technical University in Prague |
| 14:30-15:00 | **Freeze-thaw is not uniform but unidirectional: impacts on soil and water biogeochemical cycling**Prof. Yaxian HuInstitute of Soil and Water Conservation, NWAFU. |
| 15:00-15:30 | **Soil erosion monitoring using UAVs** Dr. Miroslav BauerCzech 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 StraussAustrian 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 ZhanInstitute 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. |