

List of Publications related to REVENUES

1. [Acharya, MS; Alvarez Suarez, SP; Rauchecker, M](#) (2013): Determination of Increase in Shear Strength of Soil Reinforced with Plant Roots. [10th EGU General Assembly, Vienna, AUSTRIA, APR 7-12, 2013] In: European Geosciences Union (Hrsg.), Geophysical Research Abstracts (GRA)
2. [Acharya, MS; Wu, W; Auer, M; te Kamp, L](#) (2015): Centrifuge Model Test of a Bamboo Crib Wall. In: Wu, W (Ed.), Recent Advances in Modeling Landslides and Debris Flows, 49-56; Springer International Publishing, Switzerland; ISBN 978-3-319-11052-3
3. [Auer M](#), (2015): Soil Nailing, the Variable Static System of the Future In: Wu, W (Ed.), Recent Advances in Modeling Landslides and Debris Flows, 307-322; Springer International Publishing, Switzerland; ISBN 978-3-319-11052-3
4. [Graf, F; te Kamp, L; Auer, M; Acharya, MS; Wu, W](#) (2015): Soil Aggregate Stability in Eco-engineering: Comparison of Field and Laboratory Data with an Outlook on a New Modelling Approach. In: Wu, W (Ed.) , Recent Advances in Modeling Landslides and Debris Flows, 29-47; Springer International Publishing , Switzerland; ISBN 978-3-319-11052-3
5. [Guo, X; Wu, W](#) (2015): Some Ideas on Constitutive Modeling of Debris Materials. In: Wu, W (Ed.), Recent Advances in Modeling Landslides and Debris Flows, 1-9; Springer International Publishing, Switzerland; ISBN 978-3-319-11052-3
6. [Moos, C., Bebi, P., Graf, F., Mattli, J., Rickli, C. and Schwarzl, M.](#) (2015): How does forest structure affect root reinforcement and susceptibility to shallow landslides? In EARTH SURFACE PROCESSES AND LANDFORMS Earth Surf. Process. Landforms (2016) Copyright © 2015 John Wiley & Sons, Ltd. Published online in Wiley Online Library (wileyonlinelibrary.com) DOI: 10.1002/esp.3887
7. [Switala, BM; Wu, W](#) (2015): Numerical Simulations of the Mechanical Contribution of the Plant Roots to Slope Stability. In: Wu, W (Ed.), Recent Advances in Modeling Landslides and Debris Flows, 265-274; Springer International Publishing, Switzerland; ISBN 978-3-319-11052-3
8. [Tamagnini, R; Switala, BM; Acharya, MS; Wu, W; Graf, F; Auer, M; te Kamp, L](#) (2014): Finite Element Analyses of Bio-Engineered Slopes. [Poster], [EGU General Assembly 2014, Vienna, AUSTRIA, APR 27 - MAY 02, 2014] In: European Geosciences Union (Hrsg.), Geophysical Research Abstracts (GRA)
9. [Tamagnini, R; Switala, BM; Wu, W; Sanavia, L](#) (2014): Implementation of a Constitutive Model for the Finite Element Analysis of Landslide Triggered by Rainfall. [11th World Congress on Computational Mechanics (WCCM XI), 5th European Conference on Computational Mechanics (ECCM V), 6th European Conference on Computational Fluid Dynamics (ECFD VI), Barcelona, SPAIN, JUL 20-25, 2014] In: International Center for Numerical Methods in Engineering (CIMNE), Proceedings of the jointly organized WCCM XI, ECCM V, ECFD VI
10. [Tamagnini, R; Wu, W](#) (2014): Modeling Water Induced Instability in Partly Saturated Soil. [Poster] [14th International Conference of the International Association for Computer Methods and Advances in Geomechanics (14th IACMAG), Kyoto, JAPAN, SEPT 22–25, 2014] In: Oka, F; Murakami, A; Uzuoka, R; Kimoto, S (Eds.), Computer Methods and Recent Advances in Geomechanics

11. [Tamagnini, R; Wu, W](#) (2014): Thermodynamic Analysis of Instability in Unsaturated Soils. In: Chanu, K-T; Zhao, J (Eds.), Bifurcation and Degradation of Geomaterials in the New Millennium, 299-304; Springer Series in Geomechanics and Geoengineering, Springer International Publishing Switzerland; ISBN 978-3-319-13505-2
12. [Tamagnini, R; Wu, W](#) (2015): The Role of Phase Transition in Slope Stability Analyses. In: Wu, W (Ed.), Recent Advances in Modeling Landslides and Debris Flows, 151-161; Springer International Publishing, Switzerland; ISBN 978-3-319-11052-3
13. [Vergani, C. and Graf, F.](#) (2015): Soil permeability, aggregate stability and root growth: a pot experiment from a soil bioengineering perspective. In Ecohydrology, Copyright © 2015 John Wiley & Sons, Ltd., DOI: 10.1002/eco.1686
14. [Wang, S; Xia, DS; Wang, J; Wu, W; Xiang, W](#) (2015): Evaluation of Creep Properties of Sliding Zone Soil in a Slow Moving Landslide. [Poster] [EGU General Assembly 2015, Vienna, AUSTRIA, APR 12–17, 2015] In: European Geosciences Union (Ed.), Geophysical Research Abstracts, Vol. 17, EGU2015-14840-2
15. [Wu, W \(Ed.\)](#) (2015): Recent Advances in Modeling Landslides and Debris Flows. 1-323; Springer International Publishing, Switzerland; ISBN: 978-3-319-11052-3
16. [Wu, W; Switala, BM; Acharya, MS; Tamagnini, R; Auer, M; Graf, F; te Kamp, L; Xiang, W](#) (2015): Effect of Vegetation on Stability of Soil Slopes: Numerical Aspect. In: Wu, W (Ed.), Recent Advances in Modeling Landslides and Debris Flows, 163-177; Springer International Publishing, Switzerland; ISBN 978-3-319-11052-3
17. [Yildiz, A., Askarinejad, A., Graf, F., Rickli, C. and Springman, S.M.](#) (2015): Effects of roots and mycorrhizal fungi on the stability of slopes. In Proceedings of the XVI ECSMGE, Geotechnical Engineering for Infrastructure and Development, ISBN 978-0-7277-6067-8