

MATTEO FACCHINI

PERSONAL INFORMATION

Born in Trento (Italy), February 11, 1988
citizen of Italy
address via vittime delle foibe, 40, I-38121, Trento
email mat.facchini@gmail.com
LinkedIn <https://www.linkedin.com/in/matteo-facchini>
phone (O) +39 0461 282448 · (M) +39 340 2304434

PUBLICATIONS

- 2024 M. FACCHINI, D.F. VETSCH, R.M. BOES, A.SIVIGLIA (2024), Modeling the morphological response of gravel-bed rivers subject to repeated sediment bypass tunnel operations, *Frontiers in Earth Science*, <https://doi.org/10.3389/feart.2024.1357759>
- 2018 M. FACCHINI, (2018), Downstream morphological effects of Sediment Bypass Tunnels, VAW Mitteilungen 243 (R.M. Boes ed.), ETH Zürich, Svizzera.
- 2017 M. FACCHINI, A. SIVIGLIA, R. M. BOES, (2017), Downstream morphological effects of SBT releases: 1D numerical study and preliminary LiDAR data analysis, In: Proceedings of the 2nd International Workshop on Sediment Bypass Tunnels (T. Sumi ed.), Kyoto University, Kyoto, Japan.
- M. DÖRING, M. FACCHINI, S. FINK, M. J.FRANCA, E. MARTÍN SANZ, Ch. ROBINSON, Ch. SCHEIDEGGER, A. SIVIGLIA, C. TRAUTWEIN, D. VETSCH, Ch. WEBER, (2017), Dinamica dei sedimenti e misurazione dei suoi effetti. In: Dinamica dei sedimenti e degli habitat. Ufficio federale dell’ambiente (UFAM), Berna. Scheda 2.
- M. FACCHINI, E. MARTÍN SANZ, S. FINK, D. VETSCH, Ch. ROBINSON, M. DÖRING, A. SIVIGLIA, Ch. SCHEIDEGGER, R. M. BOES, (2017), Gallerie bypass dei sedimenti e piene artificiali. In: Dinamica dei sedimenti e degli habitat. Ufficio federale dell’ambiente (UFAM), Berna. Scheda 6.
- 2016 M. DUMBSER, M. FACCHINI, (2016), A space-time discontinuous Galerkin method for Boussinesq- type equations, *Applied Mathematics and Computation*, 272(2): 336-346.
- 2015 M. FACCHINI, A. SIVIGLIA, R.M. BOES, (2015), Downstream morphological impact of a sediment bypass tunnel – preliminary results and forthcoming actions, In: Proc. First International Workshop on Sediment Bypass Tunnels, VAW Mitteilungen 232, ETH Zürich, Schweiz, 137-146.

April 5, 2024