

# MATTEO FACCHINI

## PERSONAL INFORMATION

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## PUBLICATIONS

- 2019 M. FACCHINI, R.M. BOES, D.F. VETSCH, A.SIVIGLIA (2019), Riverbed and surface composition adjustments in a gravel-bed river subject to repeated Sediment Bypass Tunnel operations, under review.
- 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 2<sup>nd</sup> 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, Proc. First International Workshop on Sediment Bypass Tunnels, VAW Mitteilungen 232, ETH Zürich, Schweiz, 137-146.

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