## MATTEO FACCHINI

## PERSONAL INFORMATION

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## **PUBLICATIONS**

- 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.
- 2 M. Dumbser, M. Facchini, (2016), A space-time discontinuous Galerkin method for Boussinesq- type equations, Applied Mathematics and Computation, 272(2): 336-346.
- 3 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.
- 4 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.

February 19, 2019