

Hydropower Scientific Publications						
Title, author(s), if applicable: publisher	Participating researcher from the SCCER	Institution, institute	Name and location of publishing company	Title of journal, volume, issue number	Page number	Year of publication
The benefit of climatological and calibrated reforecast data for simulating hydrological droughts in Switzerland. Joerg-Hess S, Kempf SB, Fundel F, Zappa M.	M. Zappa	WSL	Royal Meteorological Society	Meteorological Applications	10.1002/met	2014
A prototype platform for monitoring water resources and early recognition of critical droughts in Switzerland. Zappa M, Bernhard L, Spirig C, Pfaundler M, Stahl K, Kruse S, Seidl I, Stähli M. IAHS Press.	M. Zappa, M. Stähli	WSL	IAHS Press, Wallingford, Oxfordshire OX10 8BB, UK	IAHS Red Book, 364	492-498	2014
Homogenization of a gridded snow water equivalent climatology for alpine terrain: methodology and applications, Jörg-Hess S, Fundel F, Jonas T, and Zappa M. Copernicus Publications	M. Zappa	WSL/SLF	behalf of the European Geosciences Union.	The Cryosphere, 8	471-485, 10	2014
Development of a novel sensor type for streamflow measurement: a case study in a gravel-bed stream. Aigner J, Seitz H, Habersack H. Bedload transport measurements with impact plate geophones: comparison of sensor calibration in different gravel-bed streams. 39: .	D. Rickenmann	WSL		Earth Surface Processes and Landforms, 39	928-942	2014
Turbulence characteristics in supercritical open channel flows: Effects of Froude number and aspect ratio; Auel C., Albayrak I., Boes R.M.	Ismail Albayrak	VAW, ETH Zurich	ASCE, Reston, VA, USA	Journal of hydraulic Engineering 140(4)	4014004	2014
Hydraulic Structures: a positive outlook into the future; Willi H. Hager, Robert M. Boes	Robert M. Boes	VAW, ETH Zurich	Taylor & Francis, Oxford, UK	Journal of Hydraulif Research 52(3)	299-310	2014
Monitoring Suspended Sediment and Turbine Efficiency; Abgottspon A., Staubli T., Felix D., Albayrak I., Boes R.M.	Robert M. Boes, Ismail Albayrak	VAW, ETH Zurich		Hydro Review Worldwide 22(4)	28-36	2014
Schweiz für zukünftige Aufgaben im internationalen Strommarkt, Schleiss & Oberrauch	Schleiss Anton, Oberrauch Felix	LCH-EPFL	SWV "Wasser Energie Luft", Baden	WEL 106 (3)	175 - 178	2014
Attractiveness of a lateral shelter in a channel as a refuge for juvenile brown trout during hydropeaking. J.-M. Ribí, J.-L. Boillat, A. Peter and A. Schleiss.	Schleiss Anton	LCH-EPFL	Springer	Aquatic Sciences	on line	2014
Continuous Long-Term Observation of Suspended Sediment Transport between Two Pumped-Storage Reservoirs. Michael Müller, Giovanni De Cesare, and Anton J. Schleiss	Schleiss Anton, De Cesare Giovanni	LCH-EPFL	ASCE - US	Journal of Hydraulic Engineering, 140(5)		2014
Surge Wave Propagation in a Common Tailrace Channel for Two Large Pumped-Storage Plants. S. Terrier, M. Bieri, G. De Cesare and A. Schleiss.	Schleiss Anton, De Cesare Giovanni	LCH-EPFL	ASCE - US	Journal of Hydraulic Engineering, 140(2)	218-225	2014
Pressure tunnels in non-uniform in situ stress conditions. T. D. Y. F. Simanjuntak, M. Marence, A. E. Mynett and A. Schleiss.	Schleiss Anton	LCH-EPFL		Journal of Tunnelling und Underground Space Technolog, vol. 42,	227-236	2014
Mitigation measures for fish habitat improvement in Alpine rivers affected by hydropower operations. É. Person, M. Bieri, A. Peter and A. Schleiss.	Schleiss Anton	LCH-EPFL		Ecologyhydrology 7(2)	580-599	2014
Numerical simulations of a counter rotating micro turbine; C. Münch-Alligné, S. Richard, B. Meier, V. Hasmatuchi, F. Avellan; P. Gourbesville et al. (eds.), Springer Hydrogeology	C. Münch-Alligné, V. Hasmatuchi, F. Avellan	HES SO Valais & LMH EPFL		Advances in Hydroinformatics	p 363-373.	2014