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CAREER

Damià Vericat is a fluvial geomorphologist with interests in sediment transport, channel morphodynamics and ecohydraulics. He is author of more than 70 publications at national and international level, including peer-reviewed papers, book chapters, proceedings contributions, abstracts, and technical reports linked to research projects. He has been involved in the organization of national and international conferences/meetings, he holds three awards, he has a patent, and he is supervising 4 PhD students. Damià has reviewed more than 20 international papers and two USA National Science Foundation Research Projects (Geomorphology & Land-Use Dynamics Program).

ANNUAL-SELECTED INTERNATIONAL PEER-REVIEWED PAPERS (PAST 5 YEARS)

VERICAT, D., CHURCH, M. & BATALLA, R.J. (2006): Bedload bias: Comparison of measurements obtained using two (76 and 152 mm) Helley-Smith samplers in a gravel-bed river. *Water Resources Research*, 42, 1-13, W01402.

GIBBINS, C., VERICAT, D. BATALLA, R.J. (2007): When is stream invertebrate drift catastrophic? The role of hydraulics and sediment transport in initiating drift during flood events. *Journal of Freshwater Biology*, 52, 12, 2369-2384.

BATALLA, R.J., VERICAT, D. (2008): Hydrological and Sediment Transport Dynamics of Flushing Flows: Implications for Management in Large Mediterranean Rivers. *River Research and Applications*, 25, 297-314.

VERICAT, D., BRASINGTON, J., WHEATON, J.M., COWIE, M. (2009): Accuracy assessment of aerial photographs acquired using lighter-than-air blimps: low-cost tools for mapping river corridors. *River Research and Applications* (accepted, available online). DOI: 10.1002/rra.1198.

WHEATON, J.M., BRASINGTON, J., DARBY, S.E., MERZ, J., PASTERNAK, G., SEAR, D., VERICAT, D. (2010): Linking morphological sediment budgeting to salmonid ecohydraulics. *River Research and Applications* 26, 4, 469-486.

BATALLA, R.J., VERICAT, D. (2011): An appraisal of the contemporary sediment yield in the Ebro basin. *Journal of Soils and Sediments* (accepted, under review).

EDITION OF BOOKS AND SPECIAL ISSUES

WOOD, P., RICE, S., MOIR, H., VERICAT, D. (2010): Special Issue: 'Ecohydraulics at scales relevant to organisms'. *River Research and Applications* 26, 4, 363-527.

UBEDA, X., BATALLA, R.J., VERICAT, D. (2011): *Avances de la Geomorfología en España, 2008-2010. XI Reunión Nacional de Geomorfología. Solsona, 20-24 Septiembre 2010. Centro Tecnológico Forestal de Catalunya, Solsona, 528 p., ISBN: 978-84-693-4551-1.*

RECENT PARTICIPATION IN EUROPEAN & SPANISH RESEARCH PROJECTS

Damià has participated since 2002 in more than 20 research projects and contracts at a national and international level.

PROJECT: Hyperscale Modelling of Braided rivers: Linking Morphology, Sedimentology and Sediment Transport. Funding: Natural Environment Research Council (NERC, UK). Project Code: NE/G005427. Coordination: James Brasington (Aberystwyth University, UK) and Damià Vericat (CTFC, Spain). Date: 2009-2011.

PROJECT: Design and Application of Flushing Flows as Strategy for the Restoration of River's Hydro-Sedimentary Equilibrium. Funding: MICINN, Spain. Code: CGL2009-09770(BTE). Coordination: Ramon J. Batalla (University of Lleida, Spain). Date: 2009-2012

PROJECT: Evaluación y predicción de los efectos del cambio global en la cantidad y la calidad del agua en ríos Ibéricos. Funding: SCARCE Consolider Ingenio 2010 (MICINN, Spain). Project Code: CSD2009-00065. Coordination: Damià Barceló (CSIC-ICRA, Spain). Date: 2009-2014.