

AUTHORS	TITLE	DOI	SOURCE TITLE
Temme A.J.A.M., Vanwalleghem T.	LORICA - A new model for linking landscape and soil profile evolution: Development and sensitivity analysis	10.1016/j.cageo.2015.08.004	Computers and Geosciences
Fink J.R., Inda A.V., Bavaresco J., Barrón V., Torrent J., Bayer C.	Adsorption and desorption of phosphorus in subtropical soils as affected by management system and mineralogy	10.1016/j.still.2015.07.017	Soil and Tillage Research
Garrido-Jurado I., Alkhaibari A., Williams S.R., Oatley-Radcliffe D.L., Quesada-Moraga E., Butt T.M.	Toxicity testing of <i>Metarhizium conidia</i> and toxins against aquatic invertebrates	10.1007/s10340-015-0700-0	Journal of Pest Science
Ortiz-Medina L., Fernández-Ahumada E., Lara-Vélez P., Taguas E.V., Gallardo-Cobos R., del Campillo M.C., Guerrero-Ginel J.E.	Designing an accompanying ecosystem to foster entrepreneurship among agronomic and forestry engineering students. Opinion and commitment of university lecturers	10.1080/03043797.2015.1079815	European Journal of Engineering Education
Resquín-Romero G., Garrido-Jurado I., Quesada-Moraga E.	Combined use of entomopathogenic fungi and their extracts for the control of <i>Spodoptera littoralis</i> (Boisduval) (Lepidoptera: Noctuidae)	10.1016/j.biocontrol.2015.10.007	Biological Control
Agustí-Brisach C., Cabral A., González-Domínguez E., Pérez-Sierra A., León M., Abad-Campos P., García-Jiménez J., Oliveira H., Armengol J.	Characterization of <i>Cylindrodendrum</i> , <i>Dactylonectria</i> and <i>Ilyonectria</i> isolates associated with loquat decline in Spain, with description of <i>Cylindrodendrum alicantinum</i> sp. nov.	10.1007/s10658-015-0820-7	European Journal of Plant Pathology
Hardoim P.R., Guerra R., Rosa da Costa A.M., Serrano M.S., Sánchez M.E., Coelho A.C.	Temporal metabolic profiling of the <i>Quercus suber</i> - <i>Phytophthora cinnamomi</i> system by middle-infrared spectroscopy	10.1111/efp.12229	Forest Pathology
Manuel Peragón J., Delgado A., Antonio Rodríguez Díaz J., Pérez-Latorre F.J.	A GIS-based decision tool for reducing salinization risks in olive orchards	10.1016/j.agwat.2015.12.005	Agricultural Water Management
Hager W.H., Castro-Orgaz O.	Transcritical flow in open channel hydraulics: From Böss to De Marchi	10.1061/(ASCE)HY.1943-7900.0001091	Journal of Hydraulic Engineering
Castro-Orgaz O., Chanson H.	Minimum Specific Energy and Transcritical Flow in Unsteady Open-Channel Flow	10.1061/(ASCE)IR.1943-4774.0000926	Journal of Irrigation and Drainage Engineering

AUTHORS	TITLE	DOI	SOURCE TITLE
Morales A., Leffelaar P.A., Testi L., Orgaz F., Villalobos F.J.	A dynamic model of potential growth of olive ( <i>Olea europaea</i> L.) orchards	10.1016/j.eja.2015.12.006	European Journal of Agronomy
Varo A., Moral J., Lozano-Tóvar M.D., Trapero A.	Development and validation of an inoculation method to assess the efficacy of biological treatments against <i>Verticillium</i> wilt in olive trees	10.1007/s10526-015-9710-3	BioControl
Palomares-Rius J.E., Castillo P., Trapero-Casas J.L., Jiménez-Díaz R.M.	Infection by <i>Meloidogyne javanica</i> does not breakdown resistance to the defoliating pathotype of <i>Verticillium dahliae</i> in selected clones of wild olive	10.1016/j.scienta.2015.12.038	Scientia Horticulturae
Fernandes-Silva A.A., López-Bernal Á., Ferreira T.C., Villalobos F.J.	Leaf water relations and gas exchange response to water deficit of olive (cv. Cobrançosa) in field grown conditions in Portugal	10.1007/s11104-015-2786-9	Plant and Soil
Giménez C., Stöckle C.O., Suárez-Rey E.M., Gallardo M.	Crop yields and N losses tradeoffs in a garlic-wheat rotation in southern Spain	10.1016/j.eja.2015.11.016	European Journal of Agronomy
Fernández García I., Montesinos P., Camacho Poyato E., Rodríguez Díaz J.A.	Energy cost optimization in pressurized irrigation networks	10.1007/s00271-015-0475-3	Irrigation Science
Burd A.B., Frey S., Cabre A., Ito T., Levine N.M., Lønborg C., Long M., Mauritz M., Thomas R.Q., Stephens B.M., Vanwalleghem T., Zeng N.	Terrestrial and marine perspectives on modeling organic matter degradation pathways	10.1111/gcb.12987	Global Change Biology
Roca L.F., Moral J., Trapero C., Blanco-López M.A., López-Escudero F.J.	Effect of Inoculum Density on <i>Verticillium</i> Wilt Incidence in Commercial Olive Orchards	10.1111/jph.12382	Journal of Phytopathology
Fink J.R., Inda A.V., Bavaresco J., Sánchez-Rodríguez A.R., Barrón V., Torrent J., Bayer C.	Diffusion and uptake of phosphorus, and root development of corn seedlings, in three contrasting subtropical soils under conventional tillage or no-tillage	10.1007/s00374-015-1067-3	Biology and Fertility of Soils
Pedrera-Parrilla A., Van De Vijver E., Van Meirvenne M., Espejo-Pérez A.J., Giráldez J.V., Vanderlinden K.	Apparent electrical conductivity measurements in an olive orchard under wet and dry soil conditions: significance for clay and soil water content mapping	10.1007/s11119-016-9435-z	Precision Agriculture

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Fernández García I., Montesinos P., Camacho Poyato E., Rodríguez Díaz J.A.	Incorporating the Irrigation Demand Simultaneity in the Optimal Operation of Pressurized Networks with Several Water Supply Points	10.1007/s11269-015-1212-7	Water Resources Management
Aguilar C., Polo M.J.	Assessing minimum environmental flows in nonpermanent rivers: The choice of thresholds	10.1016/j.envsoft.2016.02.003	Environmental Modelling and Software
Fink J.R., Inda A.V., Bavaresco J., Barrón V., Torrent J., Bayer C.	Phosphorus adsorption and desorption in undisturbed samples from subtropical soils under conventional tillage or no-tillage	10.1002/jpln.201500017	Journal of Plant Nutrition and Soil Science
Carpio A., Arroyo-Manzanares N., Ríos-Moreno A., Garrido-Jurado I., Gámiz-Gracia L., García-Campaña A.M., Quesada-Moraga E., Arce L.	Development of a QuEChERS-based extraction method for the determination of destruxins in potato plants by UHPLC-MS/MS	10.1016/j.talanta.2015.06.008	Talanta
Morello P., Díez C.M., Codes M., Rallo L., Barranco D., Trapero A., Moral J.	Sanitation of olive plants infected by <i>Verticillium dahliae</i> using heat treatments	10.1111/ppa.12432	Plant Pathology
Resquín-Romero G., Garrido-Jurado I., Delso C., Ríos-Moreno A., Quesada-Moraga E.	Transient endophytic colonizations of plants improve the outcome of foliar applications of mycoinsecticides against chewing insects	10.1016/j.jip.2016.03.003	Journal of Invertebrate Pathology
Castro-Orgaz O., Hager W.H.	Dressler's theory for curved topography flows: iterative derivation, transcritical flow solutions and higher-order wave-type equations	10.1007/s10652-015-9418-z	Environmental Fluid Mechanics
Albuquerque J.A., Sánchez M.E., Mora M., Barrón V.	Slow pyrolysis of relevant biomasses in the Mediterranean basin. Part 2. Char characterisation for carbon sequestration and agricultural uses	10.1016/j.jclepro.2014.10.080	Journal of Cleaner Production
Carpio A., Ríos-Moreno A., Garrido-Jurado I., Quesada-Moraga E., Arce L.	Capillary Electrophoresis as a Promising Technique to Evaluate Metabolites Secreted by Fungal Biocontrol Agents	10.1007/s10337-016-3052-x	Chromatographia
Benlloch M., Benlloch-González M.	Co-regulation of water and K <sup>+</sup> transport in sunflower plants during water stress recovery	10.1016/j.jplph.2016.03.001	Journal of Plant Physiology

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Chattaoui M., Raya M.C., Bouri M., Moral J., Perez-Rodriguez M., Trapero A., Msallem M., Rhouma A.	Characterization of a Colletotrichum population causing anthracnose disease on Olive in northern Tunisia	10.1111/jam.13096	Journal of Applied Microbiology
Gallardo M., Fernández M.D., Giménez C., Padilla F.M., Thompson R.B.	Revised VegSyst model to calculate dry matter production, critical N uptake and ETc of several vegetable species grown in Mediterranean greenhouses	10.1016/j.agsy.2016.03.014	Agricultural Systems
González Perea R., Camacho Poyato E., Montesinos P., Rodríguez Díaz J.A.	Optimization of Irrigation Scheduling Using Soil Water Balance and Genetic Algorithms	10.1007/s11269-016-1325-7	Water Resources Management
Chapman T.A., Chambers G.A., Kirkby K., Jiménez-Díaz R.M.	First report of the presence of Verticillium dahliae VCG1A in Australia	10.1007/s13314-016-0197-2	Australasian Plant Disease Notes
Olmo M., Lozano A.M., Barrón V., Villar R.	Spatial heterogeneity of soil biochar content affects soil quality and wheat growth and yield	10.1016/j.scitotenv.2016.04.089	Science of the Total Environment
Sánchez-Rodríguez A.R., Barrón V., Del Campillo M.C., Quesada-Moraga E.	The entomopathogenic fungus Metarhizium brunneum: a tool for alleviating Fe chlorosis	10.1007/s11104-016-2887-0	Plant and Soil
Fernández García I., Creaco E., Rodríguez Díaz J.A., Montesinos P., Camacho Poyato E., Savic D.	Rehabilitating pressurized irrigation networks for an increased energy efficiency	10.1016/j.agwat.2015.10.032	Agricultural Water Management
Vivas G., Giráldez J.V., Mateos L.	Water management in an ancestral irrigation system in southern Spain: a simulation analysis	10.1007/s00271-016-0507-7	Irrigation Science
García-Tejera O., López-Bernal Á., Villalobos F.J., Orgaz F., Testi L.	Effect of soil temperature on root resistance: Implications for different trees under Mediterranean conditions	10.1093/treephys/tpv126	Tree Physiology
Ríos P., Obregón S., de Haro A., Fernández-Rebollo P., Serrano M.-S., Sánchez M.-E.	Effect of Brassica Biofumigant Amendments on Different Stages of the Life Cycle of Phytophthora cinnamomi	10.1111/jph.12482	Journal of Phytopathology
Bergillos R.J., Ortega-Sánchez M., Masselink G., Losada M.A.	Morpho-sedimentary dynamics of a micro-tidal mixed sand and gravel beach, Playa Granada, southern Spain	10.1016/j.margeo.2016.05.003	Marine Geology

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Cantero-Chinchilla F.N., Castro-Orgaz O., Dey S.	Distribution of suspended sediment concentration in wide sediment-laden streams: A novel power-law theory	10.1111/sed.12276	Sedimentology
Carrero-Carrón I., Trapero-Casas J.L., Olivares-García C., Monte E., Hermosa R., Jiménez-Díaz R.M.	Trichoderma asperellum is effective for biocontrol of Verticillium wilt in olive caused by the defoliating pathotype of Verticillium dahliae	10.1016/j.cropro.2016.05.009	Crop Protection
López-López M., Calderón R., González-Dugo V., Zarco-Tejada P.J., Fereres E.	Early detection and quantification of almond red leaf blotch using high-resolution hyperspectral and thermal imagery	10.3390/rs8040276	Remote Sensing
Aguilar C., Guzmán E., Burguet M., Polo M.J., Taguas E.V.	Hydrological Response of a Semiarid Olive Orchard Microcatchment under Theoretical Climate Change Scenarios	10.1097/SS.000000000000167	Soil Science
Jiang Z., Liu Q., Zhao X., Roberts A.P., Heslop D., Barrón V., Torrent J.	Magnetism of Al-substituted magnetite reduced from Al-hematite	10.1002/2016JB012863	Journal of Geophysical Research: Solid Earth
Hu P., Jiang Z., Liu Q., Heslop D., Roberts A.P., Torrent J., Barrón V.	Estimating the concentration of aluminum-substituted hematite and goethite using diffuse reflectance spectrometry and rock magnetism: Feasibility and limitations	10.1002/2015JB012635	Journal of Geophysical Research: Solid Earth
Gutiérrez L., Barrón V., Andrés-Vergés M., Serna C.J., Veintemillas-Verdaguer S., Morales M.P., Lázaro F.J.	Detailed magnetic monitoring of the enhanced magnetism of ferrihydrite along its progressive transformation into hematite	10.1002/2016JB013016	Journal of Geophysical Research: Solid Earth
Chipana Rivera R., Moreno-Pérez M.F., Velasco R.C., Roldán-Cañas J.	Performance of pre-hispanic irrigation systems in the Andean region of Bolivia	10.1016/j.agwat.2015.11.010	Agricultural Water Management
Bergillos R.J., Rodríguez-Delgado C., Millares A., Ortega-Sánchez M., Losada M.A.	Impact of river regulation on a Mediterranean delta: Assessment of managed versus unmanaged scenarios	10.1002/2015WR018395	Water Resources Research
Varo A., Raya-Ortega M.C., Trapero A.	Enhanced production of microsclerotia in recalcitrant Verticillium dahliae isolates and its use for inoculation of olive plants	10.1111/jam.13167	Journal of Applied Microbiology

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Ríos-Moreno A., Carpio A., Garrido-Jurado I., Arroyo-Manzanares N., Lozano-Tovar M.D., Arce L., Gámiz-Gracia L., García-Campaña A.M., Quesada-Moraga E.	Production of destruxins by <i>Metarhizium</i> strains under different stress conditions and their detection by using UHPLC-MS/MS	10.1080/09583157.2016.1195336	Biocontrol Science and Technology
Fernández-Escobar R., Guerreiro M., Benlloch M., Benlloch-González M.	Symptoms of nutrient deficiencies in young olive trees and leaf nutrient concentration at which such symptoms appear	10.1016/j.scienta.2016.07.002	Scientia Horticulturae
Lopez-Bellido R.J., Muñoz-Romero V., Lopez-Bellido F.J., Guzman C., Lopez-Bellido L.	Crack formation in a mediterranean rainfed Vertisol: Effects of tillage and crop rotation	10.1016/j.geoderma.2016.07.001	Geoderma
Jiang Z., Liu Q., Dekkers M.J., Barron V., Torrent J., Roberts A.P.	Control of Earth-like magnetic fields on the transformation of ferrihydrite to hematite and goethite	10.1038/srep30395	Scientific Reports
Schaller M., Ehlers T.A., Stor T., Torrent J., Lobato L., Christl M., Vockenhuber C.	Timing of European fluvial terrace formation and incision rates constrained by cosmogenic nuclide dating	10.1016/j.epsl.2016.07.022	Earth and Planetary Science Letters
Espejo-Pérez A.J., Brocca L., Moramarco T., Giráldez J.V., Triantafilis J., Vanderlinden K.	Analysis of soil moisture dynamics beneath olive trees	10.1002/hyp.10907	Hydrological Processes
Milgroom M.G., Jiménez-Gasco M.D.M., Olivares-García C., Jiménez-Díaz R.M.	Clonal expansion and migration of a highly virulent, defoliating lineage of <i>Verticillium dahliae</i>	10.1094/PHYTO-11-15-0300-R	Phytopathology
Varo A., Raya-Ortega M.C., Trapero A.	Selection and evaluation of micro-organisms for biocontrol of <i>Verticillium dahliae</i> in olive	10.1111/jam.13199	Journal of Applied Microbiology
Lopez-Bellido F.J., Lopez-Bellido R.J., Muñoz-Romero V., Fernandez-Garcia P., Lopez-Bellido L.	New phenological growth stages of garlic ( <i>Allium sativum</i> )	10.1111/aab.12312	Annals of Applied Biology

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Fink J.R., Inda A.V., Tiecher T., Barrón V.	Iron oxides and organic matter on soil phosphorus availability [Óxidos de ferro e matéria orgânica na disponibilidade de fósforo no solo]	10.1590/1413-70542016404023016	Ciencia e Agrotecnologia
Pedreira-Parrilla A., Brevik E.C., Giráldez J.V., Vanderlinden K.	Temporal stability of electrical conductivity in a sandy soil	10.1515/intag-2016-0005	International Agrophysics
López-Ruiz A., Bergillos R.J., Ortega-Sánchez M.	The importance of wave climate forecasting on the decision-making process for nearshore wave energy exploitation	10.1016/j.apenergy.2016.08.088	Applied Energy
Díez C.M., Moral J., Cabello D., Morello P., Rallo L., Barranco D.	Cultivar and tree density as key factors in the long-term performance of super high-density olive orchards	10.3389/fpls.2016.01226	Frontiers in Plant Science
Jiménez-Fernández D., Trapero-Casas J.L., Landa B.B., Navas-Cortés J.A., Bubici G., Cirulli M., Jiménez-Díaz R.M.	Characterization of resistance against the olive-defoliating <i>Verticillium dahliae</i> pathotype in selected clones of wild olive	10.1111/ppa.12516	Plant Pathology
Long X., Ji J., Barrón V., Torrent J.	Climatic thresholds for pedogenic iron oxides under aerobic conditions: Processes and their significance in paleoclimate reconstruction	10.1016/j.quascirev.2016.08.031	Quaternary Science Reviews
Schaller M., Ehlers T.A., Stor T., Torrent J., Lobato L., Christl M., Vockenhuber C.	Spatial and temporal variations in denudation rates derived from cosmogenic nuclides in four European fluvial terrace sequences	10.1016/j.geomorph.2016.08.018	Geomorphology
Recena R., Díaz I., del Campillo M.C., Torrent J., Delgado A.	Calculation of threshold Olsen P values for fertilizer response from soil properties	10.1007/s13593-016-0387-5	Agronomy for Sustainable Development
DÍAZ I., TORRENT J.	Changes in Olsen P in Relation to P Balance in Contrasting Agricultural Soils	10.1016/S1002-0160(15)60072-8	Pedosphere
Bavaresco J., Fink J.R., Rodrigues M.L.K., Gianello C., Barrón V., Torrent J.	Chromium Displacement in Subtropical Soils Fertilized with Hydrolysed Leather: A Laboratory Study	10.1007/s00128-016-1941-1	Bulletin of Environmental Contamination and Toxicology
Ríos-Moreno A., Garrido-Jurado I., Resquín-Romero G., Arroyo-Manzanares N., Arce L., Quesada-Moraga E.	Destruxin A production by <i>Metarhizium brunneum</i> strains during transient endophytic colonisation of <i>Solanum tuberosum</i>	10.1080/09583157.2016.1223274	Biocontrol Science and Technology

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Suárez-Rey E.M., Romero-Gómez M., Giménez C., Thompson R.B., Gallardo M.	Use of EU-Rotate_N and CropSyst models to predict yield, growth and water and N dynamics of fertigated leafy vegetables in a Mediterranean climate and to determine N fertilizer requirements	10.1016/j.agsy.2016.09.007	Agricultural Systems
Jiménez-Moreno M.J., Fernández-Escobar R.	Response of young olive plants ( <i>Olea europaea</i> ) to phosphorus application	10.21273/HORTSCI11032-16	HortScience
Fernández-Bravo M., Garrido-Jurado I., Valverde-García P., Enkerli J., Quesada-Moraga E.	Responses to abiotic environmental stresses among phylloplane and soil isolates of <i>Beauveria bassiana</i> from two holm oak ecosystems	10.1016/j.jip.2016.09.007	Journal of Invertebrate Pathology
Bergillos R.J., López-Ruiz A., Ortega-Sánchez M., Masselink G., Losada M.A.	Implications of delta retreat on wave propagation and longshore sediment transport - Guadalfeo case study (southern Spain)	10.1016/j.margeo.2016.09.011	Marine Geology
Benlloch-González M., Quintero J.M., Suárez M.P., Sánchez-Lucas R., Fernández-Escobar R., Benlloch M.	Effect of moderate high temperature on the vegetative growth and potassium allocation in olive plants	10.1016/j.jplph.2016.10.001	Journal of Plant Physiology
Ríos P., Obregón S., González M., de Haro A., Sánchez M.E.	Screening brassicaceous plants as biofumigants for management of <i>Phytophthora cinnamomi</i> oak disease	10.1111/efp.12287	Forest Pathology
Liu Q., Zhang C., Torrent J., Barrón V., Hu P., Jiang Z., Duan Z.	Factors controlling magnetism of reddish brown soil profiles from calcarenites in southern Spain: Dust input or in-situ pedogenesis?	10.3389/feart.2016.00051	Frontiers in Earth Science
González Perea R., Camacho Poyato E., Montesinos P., García Morillo J., Rodríguez Díaz J.A.	Influence of spatio temporal scales in crop water footprinting and water use management: Evidences from sugar beet production in Northern Spain	10.1016/j.jclepro.2016.09.017	Journal of Cleaner Production
Cantero-Chinchilla F.N., Castro-Orgaz O., Dey S., Ayuso-Muñoz J.L.	Nonhydrostatic dam break flows. II: One-dimensional depth-averaged modeling for movable bed flows	10.1061/(ASCE)HY.1943-7900.0001206	Journal of Hydraulic Engineering
Cantero-Chinchilla F.N., Castro-Orgaz O., Dey S., Ayuso J.L.	Nonhydrostatic dam break flows. I: Physical equations and numerical schemes	10.1061/(ASCE)HY.1943-7900.0001205	Journal of Hydraulic Engineering



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Iannetta P.P.M., Young M., Bachinger J., Bergkvist G., Doltra J., Lopez-Bellido R.J., Monti M., Pappa V.A., Reckling M., Topp C.F.E., Walker R.L., Rees R.M., Watson C.A., James E.K., Squire G.R., Begg G.S.	A comparative nitrogen balance and productivity analysis of legume and non-legume supported cropping systems: The potential role of biological nitrogen fixation	10.3389/fpls.2016.01700	Frontiers in Plant Science
Herrero J., Polo M.J.	Evapostublimation from the snow in the Mediterranean mountains of Sierra Nevada (Spain)	10.5194/tc-10-2981-2016	Cryosphere
Hatem A.E., Shower D.M., Vargas-Osuna E.	Parasitism and optimization of <i>Hyposoter didymator</i> (Hymenoptera: Ichneumonidae) rearing on <i>Spodoptera littoralis</i> and <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae)	10.1093/jee/tow028	Journal of Economic Entomology
Romero J., Raya M.C., Roca L.F., Moral J., Trapero A.	First report of <i>Neofabraea vagabunda</i> causing branch cankers on olives in Spain	10.1094/PDIS-06-15-0657-PDN	Plant Disease
Roca L.F., Raya M.C., Luque F., Agustí-Brisach C., Romero J., Trapero A.	First report of <i>Sclerotium rolfsii</i> causing soft rot of potato tubers in Spain	10.1094/PDIS-12-15-1505-PDN	Plant Disease
González M., Serrano M.S., Sánchez M.E.	First report of <i>Pythium spiculum</i> causing root rot on Wild-olive in Spain	10.1094/PDIS-10-15-1133-PDN	Plant Disease
Pérez-Rodríguez M., Serrano N., Arquero O., Orgaz F., Moral J., López-Escudero F.J.	The effect of short irrigation frequencies on the development of <i>Verticillium</i> wilt in the susceptible olive cultivar 'Picual' under field conditions	10.1094/PDIS-09-15-1018-RE	Plant Disease
Charlet L., Baham J., Giraldez J.V., Lo W.C., Aristilde L., Baveye P.C.	Éloge de la Méthode: A tribute to Garrison Sposito on the Occasion of His retirement	10.3389/fenvs.2016.00073	Frontiers in Environmental Science
Pimentel R., Aguilar C., Herrero J., Pérez-Palazón M.J., Polo M.J.	Comparison between snow albedo obtained from Landsat TM, ETM+ imagery and the SPOT VEGETATION albedo product in a Mediterranean mountainous site	10.3390/hydrology3010010	Hydrology