

PUBLICAÇÕES DO PROGRAMA PÓS-GRADUAÇÃO EM RECURSOS HÍDRICOS - 2021

Título	Autores	Periódico	Qualis CAPES 17/20
Variation in the flow rate of drip emitters in a subsurface irrigation system for different soil types	NOGUEIRA, VIRGÍLIO HENRIQUE BARROS ; DIOTTO, ADRIANO VALENTIM ; THEBALDI, MICHAEL SILVEIRA ; COLOMBO, ALBERTO ; SILVA, YASMIN FERNANDES ; LIMA, ELVIS MARCIO DE CASTRO ; RESENDE, GABRIEL FELIPE LIMA	AGRICULTURAL WATER MANAGEMENT	A1
Modeling canopy interception under drought conditions: The relevance of evaporation and extra sources of energy.	FERREIRA RODRIGUES, ANDRÉ ; ROGÉRIO DE MELLO, CARLOS ; NEHREN, UDO ; PEDRO DE COIMBRA RIBEIRO, JOÃO ; ALVES MANTOVANI, VANESSA ; MARCIO DE MELLO, JOSÉ .	JOURNAL OF ENVIRONMENTAL MANAGEMENT	A1
Climate Change Impacts on Water Resources of the Largest Hydropower Plant Reservoir in Southeast Brazil.	MELLO, CARLOS R.; VIEIRA, NAYARA P. A. ; GUZMAN, JORGE A. ; VIOLA, MARCELO R. ; Beskow, Samuel ; ALVARENGA, LÍVIA A. .	Water	A1
Flood drainage rights in watersheds based on the harmonious allocation method.	ZHANG, KAIZE ; SHEN, JUQIN ; GUO, LI ; BOYER, ELIZABETH W. ; MELLO, CARLOS R. ; LAN, PING ; LIU, HU ; GAO, JIHUI ; FAN, BIHANG .	JOURNAL OF HYDROLOGY	A1
Unmanned aerial vehicle to evaluate frost damage in coffee plants	MARIN, DIEGO BEDIN ; FERRAZ, GABRIEL ARAÚJO E SILVA ; SCHWERZ, FELIPE ; BARATA, RAFAEL ALEXANDRE PENA ; DE OLIVEIRA FARIA, RAFAEL ; DIAS, JESSICA ELLEN LIMA	PRECISION AGRICULTURE	A1
Examining the implications of spatial variability of saturated soil hydraulic conductivity on direct surface runoff hydrographs	DOS SANTOS, RODRIGO CÉSAR VASCONCELOS ; VARGAS, MARCELLE MARTINS ; TIMM, LUÍS CARLOS ; Beskow, Samuel ; SIQUEIRA, TIRZAH MOREIRA ; MELLO, CARLOS ROGÉRIO ; SOARES, MAURICIO FORNALSKI ; DE MOURA, MAÍRA MARTIM ; REICHARDT, KLAUS	CATENA	A1
Regional flood frequency analysis and uncertainties: Maximum streamflow estimates in ungauged basins in the region of Lavras, MG, Brazil.	REZENDE DE SOUZA, GABRIELA ; MERWADE, VENKATESH ; COUTINHO DE OLIVEIRA, LUIZ FERNANDO ; RIBEIRO VIOLA, MARCELO ; DE SÁ FARIAS, MATHEUS	CATENA	A1

Capability of LISEM to estimate flood hydrographs in a watershed with predominance of long-duration rainfall events.	VARGAS, MARCELLE MARTINS ; Beskow, Samuel ; DE MELLO, CARLOS ROGÉRIO ; DE MOURA, MAÍRA MARTIM ; NUNES, MARIA CÂNDIDA MOITINHO ; FARIA, LESSANDRO COLL ; AQUINO, LEANDRO SANZI	NATURAL HAZARDS	A2
Spatiotemporal modelling of soil moisture in an atlantic forest through machine learning algorithms.	OLIVEIRA, VINICIUS AUGUSTO ; RODRIGUES, ANDRÉ FERREIRA ; MORAIS, MARCO ANTÔNIO VIEIRA ; TERRA, MARCELA DE CASTRO NUNES SANTOS ; GUO, LI ; MELLO, CARLOS ROGÉRIO	EUROPEAN JOURNAL OF SOIL SCIENCE	A2
Evaluation of Three Gridded Precipitation Products to Quantify Water Inputs over Complex Mountainous Terrain of Western China	ZHANG, LIPING ; LAN, PING ; QIN, GUANGHUA ; MELLO, CARLOS R. ; BOYER, ELIZABETH W. ; LUO, PINGPING ; GUO, LI .	Remote Sensing	A2
Spatial uncertainty analysis of the saturated soil hydraulic conductivity in a subtropical watershed	DOS SANTOS, RODRIGO CÉSAR VASCONCELOS ; SOARES, MAURICIO FORNALSKI ; TIMM, LUÍS CARLOS ; SIQUEIRA, TIRZAH MOREIRA ; MELLO, CARLOS ROGÉRIO ; Beskow, Samuel ; KAISER, DOUGLAS RODRIGO .	Environmental Earth Sciences	A2
Remotely Piloted Aircraft and Random Forest in the Evaluation of the Spatial Variability of Foliar Nitrogen in Coffee Crop	MARIN, DIEGO BEDIN ; FERRAZ, GABRIEL ARAÚJO E SILVA ; GUIMARÃES, PAULO HENRIQUE SALES ; SCHWERZ, FELIPE ; SANTANA, LUCAS SANTOS ; BARBOSA, BRENON DIENEVAM SOUZA ; BARATA, RAFAEL ALEXANDRE PENA ; FARIA, RAFAEL DE OLIVEIRA ; DIAS, JESSICA ELLEN LIMA ; CONTI, LEONARDO ; ROSSI, GIUSEPPE	Remote Sensing	A2
Water Requirement and Crop Coefficients of Young <i>Jatropha curcas</i> L. Trees in a Subtropical Humid Environment.	LENA, B. P. ; FOLEGATTI, MARCOS VINICIUS ; FLUMIGNAN, D. L. ; IRMAK, S. ; FRANCISCO, JOÃO PAULO ; DIOTTO, A.V. ; SANTOS, O. N. A. ; ANDRADE, I. P. S. ; FANAYA JUNIOR, E. D. ; MARQUES, P. A. A. ; BARBOZA JUNIOR, C. R. A.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	A2
Influence of different relief information sources on the geomorphological characterization of small watershed	MOURA, MAÍRA M. DE ; Beskow, Samuel ; TERRA, FABRÍCIO S. ; MELLO, CARLOS ROGÉRIO DE ; CUNHA, ZANDRA A. DA ; CASSALHO, FELÍCIO	ANAIS DA ACADEMIA BRASILEIRA DE CIÊNCIAS	A2
Water balance of an Atlantic forest remnant under a prolonged drought period	RODRIGUES, ANDRÉ FERREIRA ; MELLO, CARLOS ROGÉRIO DE ; TERRA, MARCELA DE CASTRO NUNES SANTOS ; Beskow, Samuel .	CIÊNCIA E AGROTECNOLOGIA	A2

Environmental degradation risk by water erosion in a water producer Colombian Andes basin.	MELLADO, DANIEL ENRIQUE GUAUQUE ; MELLO, CARLOS ROGÉRIO DE ; CURI, Nilton .	CIÊNCIA E AGROTECNOLOGIA	A2
Air temperature estimation techniques in Minas Gerais state, Brazil, Cwa and Cwb climate regions according to the Köppen-Geiger climate classification system.	SANTOS, PIETROS ANDRÉ BALBINO DOS ; MONTI, CASSIO AUGUSTO USSI ; CARVALHO, LUIZ GONSAGA DE ; LACERDA, WILIAN SOARES ; SCHWERZ, FELIPE	CIÊNCIA E AGROTECNOLOGIA	A2
Maximum length of subsurface drip irrigation laterals subjected to backpressure.	THEBALDI, M. S.; RODRIGUES, K. V. ; TAMBO, F. L. R.	ANAIS DA ACADEMIA BRASILEIRA DE CIÊNCIAS	A2
Multivariate criteria applied in the performance of Tifton 85 grass in a constructed wetland: effects of organic, nutritional, and sodium loads from swine wastewater	DE OLIVEIRA, JACINEUMO FALCÃO ; Fia, Ronaldo ; GOMES, ANA CLÁUDIA CRISTINA ; BIGOGNO, VANESSA SALGADO ; DE SOUZA ANTÔNIO, THAINARA ; ALVES, MARCOLINA ROSA SOUZA ; DA CRUZ, THÁIS CAROLINE .	Environmental Science and Pollution Research	A2
Iron removal by fixed-bed adsorption with thermochemically treated Lithothamnium calcareum algae.	ALMEIDA, ANTÔNIO EWERTON DA SILVA ; Souza, G.R. ; VILELA CORRÊA, FLÁVIA ; MOTA E SILVA, JAÍZA RIBEIRO ; FEIRE, E. R. C. G. ; OLIVEIRA, L. F. C.	ENVIRONMENTAL TECHNOLOGY & INNOVATIO	A2
Assessing sediment yield and streamflow with SWAT model in a small sub-basin of the Cantareira System.	PONTES, LUCAS MACHADO ; BATISTA, PEDRO VELLOSO GOMES ; SILVA, BÁRBARA PEREIRA CHRISTOFARO ; VIOLA, MARCELO RIBEIRO ; ROCHA, HUMBERTO RIBEIRO DA ; SILVA, MARX LEANDRO NAVES .	REVISTA BRASILEIRA DE CIÊNCIA DO SOLO	A3
Behavior of wood basic density according to environmental variables	OLIVEIRA, GABRIEL MARCOS VIEIRA ; DE MELLO, JOSÉ MÁRCIO ; DE MELLO, CARLOS ROGÉRIO ; SCOLFORO, JOSÉ ROBERTO SOARES ; MIGUEL, EDER PEREIRA ; MONTEIRO, THIAGO CAMPOS	JOURNAL OF FORESTRY RESEARCH	A3
Evaluation of Infiltration Models with Different Numbers of Adjustment Parameters in an Oxisol with Application of Wastewater at the Different Concentrations.	ANDRADE, JÚLIA FONSECA COLOMBO ; DE OLIVEIRA, LUIZ FERNANDO COUTINHO ; SILVA, JAÍZA RIBEIRO MOTA E	WATER AIR AND SOIL POLLUTION	A3

Kinetics and Removal Efficiency of Nitrogen in Constructed Wetlands Cultivated with Different Plant Species for Treating Swine Wastewater Applied at Different Rates.	FIA, FÁTIMA RESENDE LUIZ ; DE MATOS, ANTONIO TEIXEIRA ; FIA, RONALDO ; DE MATOS, MATEUS PIMENTEL ; BORGES, ALISSON CARRARO ; BAPTESTINI, GHEILA CORRÊA FERRES	WATER AIR AND SOIL POLLUTION	A3
Numerical modeling of microfluid dynamics in xylem vessels of <i>Khaya grandifoliola</i>	ARAUJO, D. S. ; MORAES, D. H. M. ; MESQUITA, M. ; FLORES, R. A. ; BATTISTI, R. ; SANTOS, G. G. ; de DEUS, F. P. ; FERRAREZI, R. S.	Water	A4
Sensitivity and Performance Analyses of the Distributed Hydrology-Soil-Vegetation Model Using Geomorphons for Landform Mapping.	MELO, PÂMELA A. ; ALVARENGA, LÍVIA A. ; TOMASELLA, JAVIER ; MELLO, CARLOS R. ; MARTINS, MINELLA A. ; Coelho, Gilberto	Water	A4
Evaluation of geomorphological approaches combined with digital elevation models for the Nash's instantaneous unit hydrograph	MARTIM DE MOURA, MAÍRA ; Beskow, Samuel ; DA SILVA TERRA, FABRÍCIO ; ROGÉRIO DE MELLO, CARLOS ; ALMEIDA DA CUNHA, ZANDRA ; CASSALHO, FELÍCIO	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	A4
Artificial neural networks and regression analysis for volume estimation in native species.	AMORIM, L. M. ; LEITE, E. S. ; SOUZA, D. R. ; SILVA, L. F. ; MELLO, C.R. ; LIMA, J M .	Revista Brasileira de Engenharia Agrícola e Ambiental	A4
Influence of sprinkler operational parameters on the cost of conventional sprinkler irrigation systems.	TAMBO, F. L. R. ; de DEUS, F. P. ; LIMA, L. A. ; THEBALDI, M. S.	Revista Ciencia Agronomica	A4
Influence of sprinkler operation parameters on the cost of conventional sprinkler irrigation systems	TAMBO, F. L. R. ; DEUS, F. P. ; LIMA, L. A. ; THEBALDI, M. S. .	Revista Ciencia Agronomica	A4
Modeling of productivity and nutrient extraction by the Vetiver and Tifton 85 grasses grown in horizontal subsurface flow constructed wetlands.	TEIXEIRA, DENIS L. ; MATOS, ANTONIO T. ; MATOS, MATEUS P. ; MIRANDA, SUYMARA T. ; TEIXEIRA, DELILAH V.	JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH	A4
Duration and intensity of rainfall events with the same erosivity change sediment yield and runoff rates	ALMEIDA, WILK SAMPAIO DE ; SEITZ, STEFFEN ; OLIVEIRA, LUIZ FERNANDO COUTINHO DE ; CARVALHO, Daniel Fonseca de .	INTERNATIONAL SOIL AND WATER CONSERVATION RESEARCH	A4
Irrigación en plantaciones de café y su efecto en el agua residual del procesamiento de los frutos	MARADIAGA RODRIGUEZ, WALTER DANILO ; PÊGO EVANGELISTA, ADÃO WAGNER ; LIMA, LUIZ ANTÔNIO ; JÚNIOR, JOSÉ ALVES	REVISTA AGRONOMIA MESOAMERICANA	A4
Iron removal efficiency in irrigation water by a zeolite added to sand media filters.	LIMA, LUIZ A; Silva, Y. F. ; LIMA, P. L. T.	DESALINATION AND WATER TREATMENT	B1

Influence of the soil water retention curve type and magnetic water treatment on lettuce irrigation management responses	LEMOS, L. T. O. ; DEUS, F. P. ; THEBALDI, M. S. ; DIOTTO, A. V. ; ANDRADE JUNIOR, V. C. ; ALMEIDA, R. C. .	Water Science and Technology- Water Supply	B1
Hydraulic characterization of porous pipes.	SILVA, YASMIN FERNANDES ; LIMA, LUIZ ANTONIO ; THEBALDI, MICHAEL SILVEIRA ; BARROS NOGUEIRA, VIRGÍLIO HENRIQUE ; DIOTTO, ADRIANO VALENTIM ; ANDRADE, JULIA FONSECA COLOMBO	Water Science and Technology- Water Supply	B1
Qualidade da água em regiões de Estâncias Hidrominerais/MG.	VIPA AMÂNCIO, DIEGO ; Coelho, Gilberto ; SILVA, Renato Antônio da ; OLIVEIRA, J. F. D. ; ALVARENGA, LÍVIA A. .	Revista Ibero-americana de Ciências Ambientais	B1
Adequacy of methodologies for determining SCS / CN in a watershed with characteristics of the Pampa biome.	CUNHA, ZANDRA ALMEIDA DA ; Beskow, Samuel ; MOURA, MAÍRA MARTIM DE ; BESKOW, TAMARA LEITZKE CALDEIRA ; MELLO, CARLOS ROGÉRIO DE	Revista Ambiente e Agua,	B2
Adsorption of metal ions in red marine algae Lithothamnium calcareum in the treatment of industrial effluents	SILVA, J. R. M. E. ; OLIVEIRA, L.F.C DE ; Franco, C.S. ; OLIVEIRA, J.E. ; SILVERIO, B. B.	Revista Ambiente e Agua,	B2
Impact of climate change on monthly streamflow in the Verde River Basin using two hydrological models	CARVALHO, VINÍCIUS SIQUEIRA OLIVEIRA ; Alvarenga, Lívia Alves ; OLIVEIRA, CONCEIÇÃO DE MARIA MARQUES DE ; TOMASELLA, JAVIER ; COLOMBO, ALBERTO ; MELO, PÂMELA APARECIDA	Revista Ambiente e Agua,	B2
Hydrological modeling in a basin of the Brazilian Cerrado biome	RODRIGUES, JÉSSICA ASSAID MARTINS ; ANDRADE, ALBERTO CARLOS DE OLIVEIRA ; VIOLA, Marcelo Ribeiro ; FERREIRA, DANTON DIEGO ; MELLO, CARLOS ROGÉRIO DE ; THEBALDI, MICHAEL SILVEIRA	Revista Ambiente e Agua,	B2
Estimativa da vulnerabilidade dos solos à erosão hídrica na bacia hidrográfica do Rio das Mortes (MG)	SILVA, J. R. M. E. ; RODRIGUES, J. A. M. ; OLIVEIRA, L. F. C. ; Viola, M.R. .	Revista em Agronegócio e Meio Ambiente	B4
Hydrological modeling in the Sono river basin, environmental protection region of the Jalapão, Brazilian savanna.	RODRIGUES, JÉSSICA ASSAID MARTINS ; JUNQUEIRA, RUBENS ; AMORIM, JHONES DA SILVA ; ALVES, BRUNO TADEU SILVA ; VIOLA, MARCELO RIBEIRO .	REVISTA BRASILEIRA DE GEOGRAFIA FÍSICA	B4

ANÁLISE TÉCNICA E ECONÔMICA DO DIMENSIONAMENTO DE RESERVATÓRIOS DE ÁGUAS PLUVIAIS PARA FINS NÃO POTÁVEIS EM CONDOMÍNIO VERTICAL E HORIZONTAL.	FARIA, R. S. ; THEBALDI, M. S. ; MERLO, M. N. .	Revista Gestão e Sustentabilidade Ambiental	B4
--	---	--	----