

PUBLICAÇÕES DO PROGRAMA PÓS-GRADUAÇÃO EM RECURSOS HÍDRICOS - 2020

Título	Autores	Periódico	Qualis CAPES 17/20
Biophysical parameters of coffee crop estimated by UAV RGB images.	DOS SANTOS, LUANA MENDES; FERRAZ, GABRIEL ARAÚJO E SILVA; BARBOSA, BRENON DIENNEVAN DE SOUZA; DIOTTO, ADRIANO VALENTIM; MACIEL, DIOGO TUBERTINI; XAVIER, LETÍCIA APARECIDA GONÇALVES	PRECISION AGRICULTURE	A1
Determining the leaf area index and percentage of area covered by coffee crops using UAV RGB images.	SANTOS, LUANA MENDES DOS; FERRAZ, GABRIEL ARAUJO E SILVA; BARBOSA, BRENON DIENEVAM DE SOUZA; DIOTTO, ADRIANO VALENTIM; ANDRADE, MARCO THULIO; CONTI, LEONARDO; ROSSI, GIUSEPPE	IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING	A2
A methodology for determining the emitter local head loss in drip irrigation systems.	FLORES, J. H. N.; FARIA, L. C.; RETTORE NETO, O.; DIOTTO, A.V.; COLOMBO, A..	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	A3
Water productivity and agronomic performance of strawberries with different leaching fractions application	GONTIJO, M. L.; DIOTTO, A.V.; SOUZA, F. S.; GONTIJO, F. L.	SCIENTIA PLENA	A4
Coffee crop coefficient prediction as a function of biophysical variables identified	SANTOS, L. M.; FERRAZ, G. A. E. S.; DIOTTO, A.V.; BARBOSA, B. D. S.; MACIEL, D. T.; ANDRADE, M. T.; FERRAZ, F. P. F.; ROSSI, G. from RGB UAS images.	AGRONOMY RESEARCH	A4
Irrigação com água tratada magneticamente na cultura da <i>Melissa officinalis</i> L.	BOEIRA, L. S.; DIOTTO, A. V.; MEDEIROS, A. P. R.; DE DEUS, FABIO P; PINTO, J. E. B. P.	BRAZILIAN JOURNAL OF DEVELOPMENT	B2
Rainfall erosivity in South America: Current patterns and future perspectives.	RIQUETTI, NELVA B.; MELLO, CARLOS R.; Beskow, Samuel; VIOLA, MARCELO R.	SCIENCE OF THE TOTAL ENVIRONMENT	A1
Spatial distribution of soil carbon stocks in the Cerrado biome of Minas Gerais, Brazil.	MORAIS, VINÍCIUS AUGUSTO; FERREIRA, GABRIEL WILLIAM DIAS; DE MELLO, JOSÉ MÁRCIO; SILVA, CARLOS ALBERTO; DE MELLO, CARLOS ROGÉRIO; ARAÚJO, EMANUEL JOSÉ GOMES; DAVID, HASSAN	CATENA	A1

	CAMIL; DA SILVA, ALESSANDRA CALEGARI; SCOLFORO, JOSÉ ROBERTO SOARES		
Hydroelectricity water footprint in Parana Hydrograph Region, Brazil	DE OLIVEIRA BUENO, EDUARDO; ALVES, GEOVANE J. ; MELLO, CARLOS R.	RENEWABLE ENERGY	A2
Lime and phosphate effects on atrazine sorption, leaching and runoff in soil.	LIMA, JOSÉ MARIA DE; AQUINO, Regimeire Freitas; MAGALHÃES, CIRO AUGUSTO DE SOUZA; GONÇALVES, RAISSA HOMEM; NÓBREGA, JÚLIO CESAR AZEVEDO; MELLO, CARLOS ROGÉRIO	CIÊNCIA E AGROTECNOLOGIA	A3
oil water content and net precipitation spatial variability in an Atlantic Forest remnant.	RODRIGUES, A. F.; MELLO, C. R.; SANTOS, M. C. N.; SILVA, V. O.; PEREIRA, GUSTAVO ALVES; SILVA, R. A.	ACTA SCIENTIARUM-AGRONOMY	A4
Daily rainfall erosivity as an indicator for natural disasters: assessment in mountainous regions of southeastern Brazil.	DE MELLO, CARLOS ROGÉRIO; ALVES, GEOVANE JUNQUEIRA; Beskow, Samuel; NORTON, LLOYD DARRELL	NATURAL HAZARDS	A2
Identifying Covariates to Assess the Spatial Variability of Saturated Soil Hydraulic Conductivity Using Robust Cokriging at the Watershed Scale	SOARES, MAURICIO FORMALSKI; CENTENO, LUANA NUNES; TIMM, LUÍS CARLOS; MELLO, CARLOS ROGÉRIO; KAISER, DOUGLAS RODRIGO; Beskow, Samuel	JOURNAL OF SOIL SCIENCE AND PLANT NUTRITION	A2
Dinâmica da água em áreas de recarga de nascentes em dois ambientes na Região Alto Rio Grande, Minas Gerais.	OLIVEIRA, ALISSON SOUZA DE; Silva, Antônio Marciano da; MELLO, CARLOS ROGÉRIO DE.	ENGENHARIA SANITÁRIA E AMBIENTA	A3
TEMPORAL TRENDS OF CLIMATE INDICES ASSOCIATED WITH PRECIPITATION AND AIR TEMPERATURE IN MINAS GERAIS, BRAZIL	OLIVEIRA, A. S.; MELLO, C.R.; VITOR, R. F. P.	REVISTA BRASILEIRA DE CLIMATOLOGIA	A3
Pressure Distribution on Center Pivot Lateral Lines: Analytical Models Compared to EPANET 2.0	BUONO SILVA BAPTISTA, VICTOR; Colombo, Alberto; BARBOSA, BRENON D. S.; ALVARENGA, LÍVIA A.; VALENTIM DIOTTO, ADRIANO	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	A3
Estimation of tropical soils? hydraulic properties with inverse method and tension infiltrometer field data	SILVA JUNIOR, JOÃO JOSÉ DA; Colombo, Alberto; OLIVEIRA, GERALDO CÉZAR; SILVA, BRUNO MONTOANI; EUGÊNIO, JOSÉ EDUARDO JULIACI.	REVISTA AMBIENTE E ÁGUA	A3
ASYMMETRIC WETTED SECTOR ANGLE IN WATER DISTRIBUTION OF TRAVELING GUN IRRIGATION SYSTEMS	Prado, Giuliani do; Colombo, Alberto.	ENG AGR-JABOTICABAL	B2

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
Artificial Neural Networks for Filling Missing Streamflow Data in Rio do Carmo Basin, Minas Gerais, Brazil.	SOUZA, GABRIELA REZENDE DE; BELLO, ITALOEMA PINHEIRO; CORRÊA, FLÁVIA VILELA; OLIVEIRA, LUIZ FERNANDO COUTINHO DE	BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY	B3
Cenários de disponibilidade hídrica para concessão de outorga: estudo de caso da Bacia Vertentes do Rio Grande, Estados de Minas Gerais e São Paulo, Brasil.	MOREIRA, HEITOR SOARES; MOREIRA, KÁTIA SOARES; SOUSA, PAULO EDUARDO DE OLIVEIRA; OLIVEIRA, LUIZ FERNANDO COUTINHO DE.	REVISTA BRASILEIRA DE GESTÃO AMBIENTAL E SUSTENTABILIDAD	B1
Parameter estimation of soil hydraulic characteristics by inverse modeling of the analytical equation for unsaturated subsurface water flow.	COUTINHO DE OLIVEIRA, LUIZ FERNANDO; VILELA CORRÊA, FLÁVIA; RIBEIRO MOTA E SILVA, JAÍZA; REZENDE DE SOUZA, GABRIELA.	JOURNAL OF HYDROINFORMATICS	A2
Duration and intensity of rainfall events with the same erosivity change sediment yield and runoff rates	DE ALMEIDA, WILK SAMPAIO; SEITZ, STEFFEN; COUTINHO DE OLIVEIRA, LUIZ FERNANDO; DE CARVALHO, DANIEL FONSECA	INTERNATIONAL SOIL AND WATER CONSERVATION RESEARCH	
Hydraulic characterisation of the backwash process in sand filters used in micro irrigation	de DEUS, F. P.; MESQUITA, M.; RAMIREZ, J. C. S.; TESTEZLAF, R.; ALMEIDA, R. C.	BIOSYSTEMS ENGINEERING	A1
Methodology for hydraulic characterisation of the sand filter backwashing processes used in micro irrigation	de DEUS, F. P.; MESQUITA, M.; RAMIREZ, J. C. S.; ALMEIDA, R. C.; OLIVEIRA, H. F. E.	METHODSX	A2
Desenvolvimento vegetativo do tomateiro sweet heaven irrigado com água tratada magneticamente	ALMEIDA, RODRIGO CESAR DE; DE DEUS, FABIO P.; DIOTTO, A. V.; TEIXEIRA, A. L. P.; LEMOS, L. T. O.; PIZETTA, S. C; VIEIRA, C. N. G.	BRAZILIAN JOURNAL OF DEVELOPMENT	B2
Netafim D-NETTM 7595 performance and uniformity with and without teeth of diffusion arm.	LEMOS, L. T. O.; NOGUEIRA, V. H. B.; CHAVES NETO, R.; MACHADO, M. P. P.; DELFINO, R. T.; de DEUS, F. P.	BRAZILIAN JOURNAL OF DEVELOPMENT	B2
Morphology, growth and yield of black oats cultivated in agroforestry systems in southern Brazil.	SGARBOSSA, JAQUELINE; ELLI, ELVIS FELIPE; SCHWERZ, FELIPE; NARDINI, CLAITON; DE CRISTO, EDINÉIA; DE OLIVEIRA, DAVI; CARON, BRAULIO OTOMAR	AGRICULTURAL SYSTEMS	A1
Bean-soybean succession under full sun and in agroforestry systems:	SGARBOSSA, JAQUELINE; ELLI, ELVIS FELIPE; SCHWERZ, FELIPE; NARDINI, CLAITON;	JOURNAL OF AGRONOMY AND CROP SCIENCE	A1

Impacts on radiation use efficiency, growth and yield.	MIGUEL KNAPP, FÁBIO ; SCHMIDT, DENISE ; DAL?COL LÚCIO, ALESSANDRO ; CARON, BRAULIO OTOMAR		
Carbon stocks, partitioning, and wood composition in short-rotation forestry system under reduced planting spacing	SCHWERZ, FELIPE; NETO, DURVAL D. ; CARON, BRAULIO O. ; TIBOLLA, LILIANE B. ; SGARBOSSA, JAQUELINE ; ELOY, ELDER ; ELLI, ELVIS F. ; CARVALHO, LUIZ G.	ANNALS OF FOREST SCIENCE	A2
Biomass and potential energy yield of perennial woody energy crops under reduced planting spacing	SCHWERZ, FELIPE; NETO, DURVAL DOURADO ; CARON, BRAULIO OTOMAR ; NARDINI, CLAITON ; SGARBOSSA, JAQUELINE ; ELOY, ELDER ; BEHLING, ALEXANDRE ; ELLI, ELVIS FELIPE ; REICHARDT, KLAUS	RENEWABLE ENERGY	A2
Assessing Yield, Growth and Climate Traits in Agroforestry Systems in Southern Brazil	SCHWERZ, FELIPE; CARON, BRAULIO O. ; NARDINO, MAICON ; ELLI, ELVIS F. ; STOLZLE, JOHN R. ; DE CARVALHO, LUIZ G. ; NETO, DURVAL D.	JOURNAL OF SUSTAINABLE FORESTRY	A4
Growth and yield of soybean cultivated in agroforestry systems	CRISTO, EDINÉIA DE ; SGARBOSSA, JAQUELINE ; SCHWERZ, FELIPE ; NARDINI, CLAITON ; TIBOLLA, LILIANE BÁRBARA ; CARON, BRAULIO OTOMAR	REVISTA CERES	B1
BALANÇO HÍDRICO CLIMATOLÓGICO PARA O MUNICÍPIO DE NEPOMUCENO-MG	CARVALHO, R. N. ; Souza, G.R. ; GOMES, M. S. ; COSTA, L. C. ; VILLELA, B. S. ; Coelho, G. ; OLIVEIRA, L. F. C. .	REVISTA AUGUSTUS (UNISUAM. ONLINE)	B2
Hydrological simulation with SWAT and VIC Models in the Verde River Watershed, Minas Gerais	ALVARENGA, L. A.; CARVALHO, V. S. O. ; OLIVEIRA, V. A. ; MELLO, C. R. ; COLOMBO, A. ; TOMASELLA, J. ; MELO, P. A.	REVISTA AMBIENTE E AGUA	A3
Effects of fertigation on corrosion in galvanized steel used in center pivot systems.	RODRIGUES, KARINA V. ; LIMA, LUIZ A. ; Thebaldi, Michael S	WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY	A4
Easyspray: software para dimensionamento de sistemas de irrigação por aspersão convencional em regiões moçambicanas.	TAMBO, FIDEL ; THEBALDI, MICHAEL ; LIMA, LUIZ .	REGA - REVISTA DE GESTÃO DE ÁGUA DA AMÉRICA LATINA	B2
Irrigação por gotejamento subsuperficial e pulsos na produção de tomate de mesa	NASCIMENTO, J. M. S. do ; DIOTTO, A. V. ; LIMA, L. A. ; Oliveira, M. C.	BRAZILIAN JOURNAL OF DEVELOPMENT	B2
Easydrip: dimensionamento de sistemas de irrigação por gotejamento	TAMBO, F. L. R. ; THEBALDI, MICHAEL S ; LIMA, L. A.	BRAZILIAN JOURNAL OF DEVELOPMENT	B2

energizada por sistemas fotovoltaicos em regiões moçambicanas			
Efficiency of horizontal subsurface flow-constructed wetlands considering different support materials and the cultivation positions of plant species.	MIRANDA, SUYMARA TOLEDO ; MATOS, ANTONIO TEIXEIRA DE ; MATOS, MATEUS PIMENTEL ; SARAIVA, CLAUDÉTY	REVISTA AMBIENTE E AGUA	A3
Evapotranspiration of the Vetiver and Tifton 85 grasses grown in horizontal subsurface flow constructed wetlands	TEIXEIRA, DENIS L. ; MATOS, ANTONIO T. ; MATOS, MATEUS P. ; HAMAKAWA, PAULO J. ; TEIXEIRA, DELILAH V.	JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING	A4
Potential use of Tifton 85 cultivated in VFCW for animal feed.	MATOS, M. P. ; VON SPERLING, M. ; MATOS, A. T. ; LOPES, B. C. ; ZUMALACARREGUI, J. A. G.	WATER PRACTICE AND TECHNOLOGY	B2
PROBABLE RAINFALL OF DIVINÓPOLIS CITY, MINAS GERAIS STATE, BRAZIL	VIEIRA, FELIPE RODOLFO ; THEBALDI, MICHAEL SILVEIRA ; SILVEIRA, BRUNO GONÇALVES ; BARROS NOGUEIRA, VIRGÍLIO HENRIQUE	ENGENHARIA NA AGRICULTURA	B4
Principal component analysis as a criterion for monitoring variable organic load of swine wastewater in integrated biological reactors UASB, SABF and HSSF-CW.	OLIVEIRA, JACINEUMO FALCÃO DE ; Fia, Ronaldo ; Fia, Fátima Resende Luiz ; RODRIGUES, FERNANDO NERIS ; Matos, Mateus Pimentel de ; SINISCALCHI, LUCIENE ALVES BATISTA	JOURNAL OF ENVIRONMENTAL MANAGEMENT	A1
Quantification, removal and potential ecological risk of emerging contaminants in different organic loads of swine wastewater treated by integrated biological reactors	FALCÃO DE OLIVEIRA, JACINEUMO ; Fia, Ronaldo ; RODRIGUES, FERNANDO NERIS ; LUIZ FIA, FÁTIMA RESENDE ; PIMENTEL DE MATOS, MATEUS ; BATISTA SINISCALCHI, LUCIENE ALVES ; SANSON, ANANDA LIMA	CHEMOSPHERE	A1
Evaluation of nitrogen removal and the microbial community in a submerged aerated biological filter (SABF), secondary decanters (SD), and horizontal subsurface flow constructed wetlands (HSSF-CW) for the treatment of kennel effluent	DOS REIS SOUZA, ALINE ; BATISTA, ANA MARIA MOREIRA ; LEAL, CÍNTIA DUTRA ; Fia, Ronaldo ; DE ARAÚJO, JULIANA CALÁBRIA ; SINISCALCHI, LUCIENE ALVES BATISTA	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	A2
Nitrataion in pilot-scale bioreactors fed with effluent from a submerged	FRIEDRICH, KATARINA LYDIA ; SOUZA, ALINE DOS REIS ; Fia, Ronaldo ; LEAL, CÍNTIA DUTRA ; ARAÚJO,	ENVIRONMENTAL TECHNOLOGY	A2

biological aerated filter used in the treatment of dog wastewater	JULIANA CALÁBRIA DE ; BATISTA SINISCALCHI, LUCIENE ALVES .		
Dinâmica do fósforo em sistemas alagados construídos tratando água residuária da suinocultura.	Fia, Fátima Resende Luiz ; MATOS, Antonio Teixeira de ; Fia, Ronaldo ; Borges, Alisson Carraro ; BAPTESTINI, GHEILA CORRÊA FERRES	ENGENHARIA SANITÁRIA E AMBIENTA	A3
Nitrogen and Phosphorus Removal Associated with Changes in Organic Loads from Biological Reactors Monitored by Multivariate Criteria.	DE OLIVEIRA, JACINEUMO FALCÃO ; Fia, Ronaldo ; NUNES, BIANCA SELVATI BRANDINO ; SINISCALCHI, LUCIENE ALVES BATISTA ; DE MATOS, MATEUS PIMENTEL ; Fia, Fátima Resende Luiz	WATER AIR AND SOIL POLLUTION	A3
Evaluation of Satellite Precipitation Products for Hydrological Modeling in the Brazilian Cerrado Biome.	AMORIM, JHONES DA S. ; VIOLA, MARCELO R. ; JUNQUEIRA, RUBENS ; OLIVEIRA, VINICIUS A. DE ; Mello, Carlos R. de .	WATER	A1
LASH hydrological model: An analysis focused on spatial discretization.	JUNQUEIRA, RUBENS ; VIOLA, MARCELO R. ; AMORIM, JHONES DA S. ; Mello, Carlos R. de .	CATENA	A1
Drought severity indexes for the Tocantins River Basin, Brazil.	JUNQUEIRA, RUBENS ; VIOLA, MARCELO R. ; DE MELLO, CARLOS R. ; VIEIRA-FILHO, MARCELO ; ALVES, MARCOS V. G. ; AMORIM, JHONES DA S.	THEORETICAL AND APPLIED CLIMATOLOGY	A3
Hydrosedimentological modeling in a headwater basin in Southeast Brazil.	MAURI, ELIETE NAZARÉ EDUARDO ; VIOLA, MARCELO RIBEIRO ; NORTON, LLOYD DARRELL ; OWENS, PHILLIP RAY ; MELLO, Carlos Rogério de ; PINTO, LEANDRO CAMPOS ; CURI, Nilton	REVISTA BRASILEIRA DE CIÊNCIA DO SOLO	A3
Streamflow regionalization for the Mortes River Basin upstream from the Funil Hydropower Plant, MG	AMORIM, JHONES DA SILVA ; JUNQUEIRA, RUBENS ; MANTOVANI, VANESSA ALVES ; VIOLA, MARCELO RIBEIRO ; MELLO, Carlos Rogério de ; BENTO, NICOLE LOPES	REVISTA AMBIENTE E AGUA	A3
Regionalization of reference streamflows for the Araguaia River basin in Brazil	MORAIS, M. A. V. ; VIOLA, M.R. ; DE MELLO, C. R. ; RODRIGUES, J. A. M. ; OLIVEIRA, V. A. .	SEMINA-CIENCIAS AGRARIAS	B1
Mapeamento de Chuvas Intensas para o Estado do Tocantins.	SILVA NETO, VIRGILIO LOURENÇO ; VIOLA, MARCELO RIBEIRO ; MELLO, CARLOS ROGÉRIO ; ALVES, MARCOS VINICIUS GIONGO ; SILVA, DEMETRIUS DAVID ; PEREIRA, SILVIO BUENO	REVISTA BRASILEIRA DE METEOROLOGIA	B2
Tendências meteorológicas e anomalias de evapotranspiração de referência no período de 2011-2017 para o Estado de Minas Gerais	ALMEIDA, L. R. ; ROSSE, V. P. ; VIOLA, M. R. ; SILVA FILHO, M. V.	REVISTA BRASILEIRA DE CLIMATOLOGIA	A3

Meteorological and hydrological drought from 1987 to 2017 in Doce River Basin, Southeastern Brazil	JESUS, ELAISA TEIXEIRA DE ; AMORIM, JHONES DA SILVA ; JUNQUEIRA, RUBENS ; VIOLA, MARCELO RIBEIRO ; MELLO, Carlos Rogério de .	REVISTA BRASILEIRA DE RECURSOS HÍDRICOS	A3
Precipitação máxima provável no estado do Tocantins: primeira aproximação pelo método estatístico de Hershfield.	SILVA NETO, V. L. ; VIOLA, M.R. ; DE MELLO, CARLOS ROGERIO ; SILVA, DEMETRIUS DAVID ; GIONGO, M.	REVISTA BRASILEIRA DE CLIMATOLOGIA	A3
Dinâmica hidrossedimentológica do rio Urucuia, Minas Gerais.	TEIXEIRA, C. M. ; VIOLA, M. R. ; COELHO, Gilberto ; AVANZI, J. C. ; JUNQUEIRA, R.	REVISTA MINEIRA DE RECURSOS HÍDRICOS	