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<https://publons.com/researcher/G-1816-2010/>

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### Current affiliation:

- Universidade Federal da Paraíba from 2002 until present

### Previous affiliation:

- Ehime University from 1991 until 2001

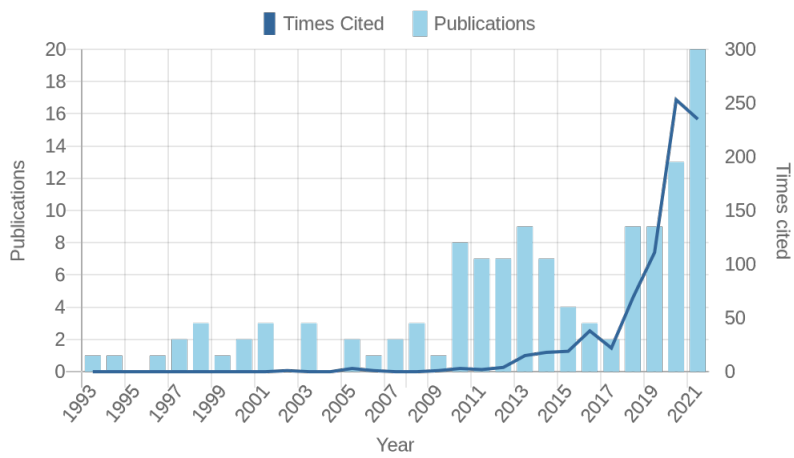
## Publications

### PUBLICATION METRICS

For all time

CITATIONS	H-INDEX	PUBLICATIONS	WEB OF SCIENCE PUBLICATIONS
795	17	134	83

## PUBLICATION IMPACT OVER TIME



## PUBLISHING SUMMARY

(10) Sustainable Water Management Solutions fo...	(10) Natural Hazards	WOS
(10) Journal of Urban and Environmental Enginee...	(8) PROCEEDINGS OF HYDRAULIC ENGINEERING	
(6) Environmental Monitoring and Assess... WOS	(5) Revista Brasileira de Recursos Hídricos WOS	
(4) Science of the Total Environment WOS	(3) IAHS-AISH Publication	
(3) Hydrological Sciences Journal WOS	(3) Revista Brasileira de Engenharia Agricol... WOS	
(2) Building and Environment WOS	(2) Hydrological Sciences and Water Security: Pas...	
(2) Annals of Warsaw University of Life Sciences - ...	(2) Remote Sensing WOS	
(2) Stochastic Environmental Research an... WOS	(2) Applied Soft Computing WOS	
(2) Environmental Earth Sciences WOS	(2) Water WOS	
(1) Arabian Journal of Geosciences WOS	(1) Journal of Hydrologic Engineering WOS	
(1) Water Resources Management WOS	(1) Water Science and Technology WOS	
(1) Journal of South American Earth Scien... WOS	(1) Climate and Land Surface Changes in Hydrolo...	
(1) Journal of Hydrology WOS	(1) GIScience & Remote Sensing WOS	
(1) Sediment Dynamics for a Changing Future	(1) Evolving Water Resources Systems: Understa...	
(1) Hydrological Processes WOS	(1) Hydrologic Non-stationarity and Extrapolating ...	
(1) Neural Computing and Applications WOS	(1) Journal of Soils and Sediments WOS	
(1) International Journal of Sediment Rese... WOS	(1) Geofizika WOS	
(1) Journal of Geotechnical and Geoenviro... WOS	(1) Hydrology Research WOS	
(1) International Journal of Environmental ... WOS	(1) Boletim Goiano de Geografia WOS	
(1) Mercator (Fortaleza)	(1) Doboku Gakkai Ronbunshu	
(1) Risk in Water Resources Management	(1) Predictions in Ungauged Basins: Promise and ...	
(1) Integrated Water Resources Management	(1) JUEE	

(1) Revista Ambiente & Água	(1) Revista Sociedade & Natureza
(1) Hydraulics of Rivers Water Works and Machin...	(1) IAHS-AISH Proceedings and Reports
(1) International Journal of Applied Earth O... <b>WOS</b>	(1) Earth Sciences Research Journal <b>WOS</b>
(1) Revista Brasileira de Geografia Física	(1) Global Ecology and Conservation <b>WOS</b>
(1) Earth Science Informatics <b>WOS</b>	(1) Atmospheric Research <b>WOS</b>
(1) Hydrology of Mediterranean and Semiarid Reg...	(1) Land Use Policy <b>WOS</b>
(1) Scientific Reports <b>WOS</b>	(1) Geocarto International <b>WOS</b>
(1) Agricultural Water Management <b>WOS</b>	(1) Catena <b>WOS</b>
(1) Estuarine, Coastal and Shelf Science <b>WOS</b>	(1) Theoretical and Applied Climatology <b>WOS</b>
(1) Iranian Journal of Science and Technol... <b>WOS</b>	(1) International Journal of Environmental ... <b>WOS</b>

## MANUSCRIPTS PUBLISHED (134)

## TIMES CITED (ALL TIME)

Modeling the impacts of future LULC and climate change on runoff and sediment yield in a strategic basin in the Caatinga/Atlantic forest ecotone of Brazil

1

Published: Aug 2021 in Catena

DOI: 10.1016/J.CATENA.2021.105308

Role and Concept of Rooftop Disconnection in Terms of Runoff Volume and Flood Peak Quantity

Published: Jul 2021 in International Journal of Environmental Research

DOI: 10.1007/S41742-021-00355-9

Evaluation of gridded meteorological datasets and their potential hydrological application to a humid area with scarce data for Pirapama River basin, northeastern Brazil

0

Published: Jul 2021 in Theoretical and Applied Climatology

DOI: 10.1007/S00704-021-03628-7

Geo-ecological impact assessment of severe cyclonic storm Amphan on Sundarban mangrove forest using geospatial technology

Published: Jul 2021 in Estuarine, Coastal and Shelf Science

DOI: 10.1016/J.ECSS.2021.107486

Streamflow Prediction Based on Artificial Intelligence Techniques

0

Published: Jun 2021 in Iranian Journal of Science and Technology, Transactions of Civil Engineering

DOI: 10.1007/S40996-021-00696-7

Effects of human-induced land degradation on water and carbon fluxes in two different Brazilian dryland soil covers

Published: Jun 2021 in Science of the Total Environment

DOI: 10.1016/J.SCITOTENV.2021.148458

- Analysis of long- and short-term shoreline change dynamics: A study case of Joao Pessoa city in Brazil 2  
Published: May 2021 in Science of the Total Environment  
DOI: 10.1016/J.SCITOTENV.2020.144889
- Assessment of automated evapotranspiration estimates obtained using the GP-SEBAL algorithm for dry forest vegetation (Caatinga) and agricultural areas in the Brazilian semiarid region 1  
Published: May 2021 in Agricultural Water Management  
DOI: 10.1016/J.AGWAT.2021.106863
- Analysis of the response of the Eptacio Pessoa reservoir (Brazilian semiarid region) to potential future drought, water transfer and LULC scenarios 0  
Published: Apr 2021 in Natural Hazards  
DOI: 10.1007/S11069-021-04736-3
- Daily streamflow forecasting in Sobradinho Reservoir using machine learning models coupled with wavelet transform and bootstrapping 5  
Published: Apr 2021 in Applied Soft Computing  
DOI: 10.1016/J.ASOC.2021.107081
- Short term rainfall-runoff modelling using several machine learning methods and a conceptual event-based model 7  
Published: Mar 2021 in Stochastic Environmental Research and Risk Assessment  
DOI: 10.1007/S00477-020-01910-0
- Spatiotemporal meteorological drought assessment in a humid Mediterranean region: case study of the Oued Sebaou basin (northern central Algeria) 0  
Published: Mar 2021 in Natural Hazards  
DOI: 10.1007/S11069-021-04701-0
- Analyzing shoreline dynamicity and the associated socioecological risk along the Southern Odisha Coast of India using remote sensing-based and statistical approaches 2  
Published: Mar 2021 in Geocarto International  
DOI: 10.1080/10106049.2021.1882005
- An Enhanced Innovative Triangular Trend Analysis of Rainfall Based on a Spectral Approach 2  
Published: Mar 2021 in Water  
DOI: 10.3390/W13050727
- Monitoring meteorological drought in a semiarid region using two long-term satellite-estimated rainfall datasets: A case study of the Piranhas River basin, northeastern Brazil 4  
Published: Mar 2021 in Atmospheric Research  
DOI: 10.1016/J.ATMOSRES.2020.105380

- Comparison of different methodologies for rainfall-runoff modeling: machine learning vs conceptual approach 3  
Published: Feb 2021 in Natural Hazards  
DOI: 10.1007/S11069-020-04438-2
- Future scenarios based on a CA-Markov land use and land cover simulation model for a tropical humid basin in the Cerrado/Atlantic forest ecotone of Brazil 6  
Published: Feb 2021 in Land Use Policy  
DOI: 10.1016/J.LANDUSEPOL.2020.105141
- An overview of research on natural resources and indigenous communities: a bibliometric analysis based on Scopus database (1979-2020) 0  
Published: Jan 2021 in Environmental Monitoring and Assessment  
DOI: 10.1007/S10661-020-08793-2
- Evaluation of the TRMM product for monitoring drought over Paraiba State, northeastern Brazil: a trend analysis 3  
Published: Jan 2021 in Scientific Reports  
DOI: 10.1038/S41598-020-80026-5
- Geospatial drought severity analysis based on PERSIANN-CDR-estimated rainfall data for Odisha state in India (1983-2018) 5  
Published: Jan 2021 in Science of the Total Environment  
DOI: 10.1016/J.SCITOTENV.2020.141258
- Optimal level of wavelet decomposition for daily inflow forecasting 1  
Published: Dec 2020 in Earth Science Informatics  
DOI: 10.1007/S12145-020-00496-Z
- Spatial distribution and estimation of rainfall trends and erosivity in the Epitacio Pessoa reservoir catchment, Paraiba, Brazil (vol 102, pg 829, 2020) 0  
Published: Nov 2020 in Natural Hazards  
DOI: 10.1007/S11069-020-04224-0
- Hybrid modelling approach for water body change detection at Chalan Beel area in northern Bangladesh 1  
Published: Sep 2020 in Environmental Earth Sciences  
DOI: 10.1007/S12665-020-09185-Y
- Analysis of forest cover changes and trends in the Brazilian semiarid region between 2000 and 2018 3  
Published: Sep 2020 in Environmental Earth Sciences  
DOI: 10.1007/S12665-020-09158-1
- Rainfall Prediction in the State of Paraiba, Northeastern Brazil Using Generalized Additive Models 0  
Published: Sep 2020 in Water  
DOI: 10.3390/W12092478

Spatial distribution and estimation of rainfall trends and erosivity in the Epitacio Pessoa reservoir catchment, Paraiba, Brazil Published: Jul 2020 in Natural Hazards DOI: 10.1007/S11069-020-03926-9	7
Evaluation of the TRMM Product for Monitoring Drought over Paraiba State, Northeastern Brazil: A Statistical Analysis Published: Jul 2020 in Remote Sensing DOI: 10.3390/RS12142184	4
Spatiotemporal variability of vegetation due to drought dynamics (2012-2017): a case study of the Upper Paraiba River basin, Brazil Published: Jul 2020 in Natural Hazards DOI: 10.1007/S11069-020-03940-X	1
Spatiotemporal variability of vegetation due to drought dynamics (2012-2017): a case study of the Upper Paraiba River basin, Brazil (vol 32, pg 891, 2019) Published: Jul 2020 in Natural Hazards DOI: 10.1007/S11069-020-04058-W	3
THE DEVELOPMENT AND RESEARCH TREND OF USING DSAS TOOL FOR SHORELINE CHANGE ANALYSIS: A SCIENTOMETRIC ANALYSIS Published: Jun 2020 in Journal of Urban and Environmental Engineering DOI: 10.4090/JUEE.2020.V14N1.069077	
Drought impacts, social organization, and public policies in northeastern Brazil: a case study of the upper Paraiba River basin Published: Apr 2020 in Environmental Monitoring and Assessment DOI: 10.1007/S10661-020-8219-0	8
Modeling land cover change based on an artificial neural network for a semiarid river basin in northeastern Brazil Published: Mar 2020 in Global Ecology and Conservation DOI: 10.1016/J.GECCO.2019.E00811	17
Mapping LULC types in the Cerrado-Atlantic Forest ecotone region using a Landsat time series and object-based image approach: A case study of the Prata River Basin, Mato Grosso do Sul, Brazil Published: Feb 2020 in Environmental Monitoring and Assessment DOI: 10.1007/S10661-020-8093-9	3
Run-off-erosion modelling and water balance in the Epitacio Pessoa Dam river basin, Paraiba State in Brazil Published: Jul 2019 in International Journal of Environmental Science and Technology DOI: 10.1007/S13762-018-1940-3	11
Analysis of the use of discrete wavelet transforms coupled with ANN for short-term streamflow forecasting Published: Jul 2019 in Applied Soft Computing DOI: 10.1016/J.ASOC.2019.04.024	29

- Automated surface energy balance algorithm for land (ASEBAL) based on automating endmember pixel selection for evapotranspiration calculation in MODIS orbital images 14  
Published: Jul 2019 in International Journal of Applied Earth Observation and Geoinformation  
DOI: 10.1016/J.JAG.2019.02.012
- Spatial modeling of soil salinity using multiple linear regression, ordinary kriging and artificial neural network methods in the Lower Cheliff plain, Algeria  
Published: Jun 2019 in Journal of Urban and Environmental Engineering  
DOI: 10.4090/JUEE.2019.V13N1.034041
- Analysis of the environmental thermal comfort conditions in public squares in the semiarid region of northeastern Brazil 5  
Published: Apr 2019 in Building and Environment  
DOI: 10.1016/J.BUILDENV.2019.02.016
- Cluster Analysis Applied to Spatiotemporal Variability of Monthly Precipitation over Paraiba State Using Tropical Rainfall Measuring Mission (TRMM) Data 18  
Published: Mar 2019 in Remote Sensing  
DOI: 10.3390/RS11060637
- Innovative approach for geospatial drought severity classification: a case study of Paraiba state, Brazil 17  
Published: Feb 2019 in Stochastic Environmental Research and Risk Assessment  
DOI: 10.1007/S00477-018-1619-9
- Hybrid Wavelet Neural Network Approach for Daily Inflow Forecasting Using Tropical Rainfall Measuring Mission Data 16  
Published: Feb 2019 in Journal of Hydrologic Engineering  
DOI: 10.1061/(ASCE)HE.1943-5584.0001725
- Correlation of dengue incidence and rainfall occurrence using wavelet transform for Joao Pessoa city 10  
Published: Jan 2019 in Science of the Total Environment  
DOI: 10.1016/J.SCITOTENV.2018.08.019
- Monthly streamflow forecasting using neuro-wavelet techniques and input analysis 13  
Published: Dec 2018 in Hydrological Sciences Journal  
DOI: 10.1080/02626667.2018.1552788
- Geospatial assessment of eco-environmental changes in desertification area of the Brazilian semi-arid region 12  
Published: Jul 2018 in Earth Sciences Research Journal  
DOI: 10.15446/ESRJ.V22N3.69904
- Evaluation and modeling of runoff and sediment yield for different land covers under simulated rain in a semiarid region of Brazil 9  
Published: Jun 2018 in International Journal of Sediment Research  
DOI: 10.1016/J.IJSRC.2017.04.005

Hydrological simulation in a tropical humid basin in the Cerrado biome using the SWAT model	20
Published: Jun 2018 in Hydrology Research DOI: 10.2166/NH.2018.222	
Spatiotemporal impact of land use/land cover changes on urban heat islands: A case study of Paco do Lumiar, Brazil	40
Published: May 2018 in Building and Environment DOI: 10.1016/J.BUILDENV.2018.03.041	
Wavelet-based variability on streamflow at 40-year timescale in the Black Sea region of Turkey	12
Published: Apr 2018 in Arabian Journal of Geosciences DOI: 10.1007/S12517-018-3514-6	
Integrated spatiotemporal trends using TRMM 3B42 data for the Upper Sao Francisco River basin, Brazil	16
Published: Feb 2018 in Environmental Monitoring and Assessment DOI: 10.1007/S10661-018-6536-3	
Trace Metal Leaching from Steel Slag Used in Structural Fills	11
Published: 2018 in Journal of Geotechnical and Geoenvironmental Engineering DOI: 10.1061/(ASCE)	
Trend analysis of monthly streamflows using Sen's innovative trend method	23
Published: 2018 in Geofizika DOI: 10.15233/GFZ.2018.35.3	
Drought assessment using a TRMM-derived standardized precipitation index for the upper Sao Francisco River basin, Brazil	27
Published: Jun 2017 in Environmental Monitoring and Assessment DOI: 10.1007/S10661-017-5948-9	
Estimation of evapotranspiration for different land covers in a Brazilian semi-arid region: A case study of the Brigida River basin, Brazil	19
Published: Mar 2017 in Journal of South American Earth Sciences DOI: 10.1016/J.JSAMES.2017.01.002	
RAINFALL ANALYSIS IN KLANG RIVER BASIN USING CONTINUOUS WAVELET TRANSFORM	
Published: Aug 2016 in Journal of Urban and Environmental Engineering DOI: 10.4090/JUEE.2016.V10N1.3-10	
RAINFALL ANALYSIS IN KLANG RIVER BASIN USING CONTINUOUS WAVELET TRANSFORM	
Published: Aug 2016 in Journal of Urban and Environmental Engineering DOI: 10.4090/JUEE.2016.V10N1.003010	



Spatial and temporal water-level variations in the Texas portion of the Ogallala Aquifer	12
Published: 2016 in Natural Hazards DOI: 10.1007/S11069-015-1971-8	
Land cover and climate change effects on streamflow and sediment yield: a case study of Tapacura River basin, Brazil	2
Published: Jun 2015 in Hydrologic Non-stationarity and Extrapolating Models to Predict the Future DOI: 10.5194/PIAHS-371-189-2015	
Rainfall and river flow trends using Mann-Kendall and Sen's slope estimator statistical tests in the Cobres River basin	93
Published: Jun 2015 in Natural Hazards DOI: 10.1007/S11069-015-1644-7	
Detecting hydro-climatic change using spatiotemporal analysis of rainfall time series in the Cobres River basin, Portugal	0
Published: 2015 in Hydrological Sciences and Water Security: Past, Present and Future DOI: 10.5194/PIAHS-366-125-2015	
Rainfall trends over 40 years in the Cobres River basin, Portugal: variability and impacts	0
Published: 2015 in Hydrological Sciences and Water Security: Past, Present and Future DOI: 10.5194/PIAHS-366-127-2015	
Multispectral image unsupervised segmentation using watershed transformation and cross-entropy minimization in different land use	8
Published: Nov 2014 in GIScience & Remote Sensing DOI: 10.1080/15481603.2014.980095	
PREDICTING SOIL EROSION AND SEDIMENT YIELD IN THE TAPACURÁ CATCHMENT, BRAZIL	
Published: Oct 2014 in Journal of Urban and Environmental Engineering DOI: 10.4090/JUEE.2014.V8N1.075082	
Assessment of land-use change on streamflow using GIS, remote sensing and a physically-based model, SWAT	4
Published: Sep 2014 in Sustainable Water Management Solutions for Large Cities DOI: 10.5194/PIAHS-364-38-2014	
Rainfall data analyzing using moving average (MA) model and wavelet multi-resolution intelligent model for noise evaluation to improve the forecasting accuracy	20
Published: Jul 2014 in Neural Computing and Applications DOI: 10.1007/S00521-014-1675-0	
Daily streamflow forecasting using a wavelet transform and artificial neural network hybrid models	52
Published: Feb 2014 in Hydrological Sciences Journal DOI: 10.1080/02626667.2013.800944	

- The use of Kohonen neural networks for runoff–erosion modeling **7**  
Published: Jan 2014 in Journal of Soils and Sediments  
DOI: 10.1007/S11368-013-0841-9
- Discrete wavelet transform coupled with ANN for daily discharge forecasting into Tres Marias reservoir **15**  
Published: 2014 in Evolving Water Resources Systems: Understanding, Predicting and Managing Water-society Interactions  
DOI: 10.5194/PIAHS-364-100-2014
- Erosivity, surface runoff, and soil erosion estimation using GIS-coupled runoff-erosion model in the Mamuaba catchment, Brazil **18**  
Published: Nov 2013 in Environmental Monitoring and Assessment  
DOI: 10.1007/S10661-013-3228-X
- KOHONEN NEURAL NETWORKS FOR RAINFALL-RUNOFF MODELING: CASE STUDY OF PIANCÓ RIVER BASIN  
Published: Sep 2013 in Journal of Urban and Environmental Engineering  
DOI: 10.4090/JUEE.2013.V7N1.176182
- Automatic Calibration of the SHETRAN Hydrological Modelling System Using MSCE **23**  
Published: Sep 2013 in Water Resources Management  
DOI: 10.1007/S11269-013-0395-Z
- Downscaling of a global climate model for estimation of runoff, sediment yield and dam storage: A case study of Pirapama basin, Brazil **15**  
Published: Aug 2013 in Journal of Hydrology  
DOI: 10.1016/J.JHYDROL.2013.06.007
- Identification of precipitation zones within Sao Francisco River basin (Brazil) by global wavelet power spectra **18**  
Published: May 2013 in Hydrological Sciences Journal  
DOI: 10.1080/02626667.2013.778412
- A Transformada Wavelet e sua Aplicação na Análise de Séries Hidrológicas  
Published: 2013 in Revista Brasileira de Recursos Hídricos  
DOI: 10.21168/RBRH.V18N3.P271-280
- Investigating discharge and rainfall variability in an Amazonian watershed: Do any trends exist? **3**  
Published: 2013 in Climate and Land Surface Changes in Hydrology
- Space-time variability of rainfall and hydrological trends in the Alto Sao Francisco River basin **5**  
Published: 2013 in Sustainable Water Management Solutions for Large Cities
- Space-time variability of rainfall and hydrological trends in the Alto São Francisco River basin  
Published: 2013 in IAHS-AISH Proceedings and Reports

## CUCKOO SEARCH VIA LÉVY FLIGHTS FOR OPTIMIZATION OF A PHYSICALLY-BASED RUNOFF-EROSION MODEL

Published: Dec 2012 in Journal of Urban and Environmental Engineering  
DOI: 10.4090/JUEE.2012.V6N2.123131

## ANÁLISE DAS PERDAS DE ÁGUA E SOLO EM UM VERTISSOLO CROMADO SOB DIFERENTES SISTEMAS DE MANEJO

Published: Nov 2012 in Boletim Goiano de Geografia  
DOI: 10.5216/BGG.V32I2.21079

## Application of a simulated annealing optimization to a physically based erosion model

Published: Nov 2012 in Water Science and Technology  
DOI: 10.2166/WST.2012.426

4

## Integration of GIS and remote sensing for estimation of soil loss and prioritization of critical sub-catchments: a case study of Tapacura catchment

Published: Jul 2012 in Natural Hazards  
DOI: 10.1007/S11069-012-0128-2

24

## Perdas de Água e Solo Utilizando Chuva Simulada em Diferentes Coberturas Superficiais e Condições de Umidade no Semiárido Paraibano

Published: 2012 in Revista Brasileira de Recursos Hídricos  
DOI: 10.21168/RBRH.V17N4.P217-228

## Analysis Of Precipitation Time Series Of Urban Centers Of Northeastern Brazil Using Wavelet Transform

Published: 2012  
DOI: 10.5281/ZENODO.1073233

## Caracterização Hidrodinâmica dos Solos da Bacia Experimental do Riacho Guaraíra Utilizando o Método Beerkan

Published: 2012 in Revista Brasileira de Recursos Hídricos  
DOI: 10.21168/RBRH.V17N4.P149-160

## PERDAS DE ÁGUA E SEDIMENTO EM DIFERENTES SISTEMAS DE MANEJO NO SEMIÁRIDO DA PARAÍBA

Published: Apr 2011 in Mercator (Fortaleza)  
DOI: 10.4215/RM2011.1021.0011

## Daily reservoir operating rules by implicit stochastic optimization and artificial neural networks in a semi-arid land of Brazil

Published: 2011 in Risk in Water Resources Management

5

## Application of a particle swarm optimization to the tank model

Published: 2011 in IAHS-AISH Publication

5

## Influence of the catchment discretization on the optimization of runoff-erosion modelling

Published: 2011 in JUEE

DOI: 10.4090/JUEE.2009.V5N2.091102

## Estimativa de Valores Regionais dos Parâmetros do Solo do Modelo KINEROS2 para o Semiárido Paraibano

Published: 2011 in Revista Brasileira de Recursos Hídricos

DOI: 10.21168/RBRH.V16N3.P141-150

## Estimation of evapotranspiration in the Brigida River basin, Brazil, by satellite remote sensing

Published: 2011 in Sustainable Water Management Solutions for Large Cities

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## Estimation of evapotranspiration in the Brígida River basin, Brazil, by satellite remote sensing

Published: 2011 in IAHS-AISH Publication

## Análise da variabilidade espaço-temporal e identificação do padrão da precipitação na bacia do Rio Tapacurá, Pernambuco

Published: Aug 2010 in Revista Sociedade & Natureza

DOI: 10.1590/S1982-45132010000200010

## VIABILITY OF PRECIPITATION FREQUENCY USE FOR RESERVOIR SIZING IN CONDOMINIUMS

Published: Jun 2010 in Journal of Urban and Environmental Engineering

DOI: 10.4090/JUEE.2010.V4N1.023028

## Spatial analysis of vegetal cover and sediment yield in Tapacurá river catchment based on remote sensing and GIS

Published: Jan 2010 in Annals of Warsaw University of Life Sciences - SGGW. Land Reclamation

DOI: 10.2478/V10060-008-0059-5

## Hydrological modelling in the Brazilian Water Resources Information System (SNIRH)

Published: 2010 in IAHS-AISH Publication

## An ANN-based approach to modelling sediment yield: a case study in a semi-arid area of Brazil

Published: 2010 in Sediment Dynamics for a Changing Future

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## Análise Espacial dos Riscos de Erosão e Inundação na Bacia do Rio Cuiá

Published: 2010 in Revista Brasileira de Recursos Hídricos

DOI: 10.21168/RBRH.V15N3.P21-32

## Application of an XML-based genetic algorithm to a rainfall-runoff erosion model

Published: 2010 in Sustainable Water Management Solutions for Large Cities

1

Integrated runoff-erosion modelling in the Brazilian Water Resources Information System (SNIRH) Published: 2010 in Sustainable Water Management Solutions for Large Cities	0
ANÁLISE DO GRAU DE ERODIBILIDADE E PERDAS DE SOLO NA BACIA DO RIO CAPIÁ BASEADO EM SIG E SENSORIAMENTO REMOTO Published: Sep 2009 in Revista Brasileira de Geografia Física DOI: 10.26848/RBGF.V211.232618	
Estimativa da produção de sedimentos mediante uso de um modelo hidrossedimentológico acoplado a um SIG Published: Oct 2008 in Revista Brasileira de Engenharia Agrícola E Ambiental DOI: 10.1590/S1415-43662008000500013	
A COMPARATIVE STUDY OF SOME OF THE SEDIMENT TRANSPORT EQUATIONS FOR AN ALLUVIAL CHANNEL WITH DUNES Published: Jun 2008 in Journal of Urban and Environmental Engineering DOI: 10.4090/JUEE.2008.V2N1.028032	
Sediment yield prediction through the use of a runoff-erosion model coupled to a GIS, Estimativa da produção de sedimentos mediante uso de um modelo hidrossedimentológico acoplado a um SIG Published: 2008 in Revista Brasileira de Engenharia Agrícola E Ambiental	
EVALUATION OF SOIL LOSS IN GUARAÍRA BASIN BY GIS AND REMOTE SENSING BASED MODEL Published: Dec 2007 in Journal of Urban and Environmental Engineering DOI: 10.4090/JUEE.2007.V1N2.044052	
Aplicação do modelo hidrológico AÇUMOD baseado em SIG para a gestão de recursos hídricos do rio Pirapama, Pernambuco, Brasil Published: Aug 2007 in Revista Ambiente & Água DOI: 10.4136/AMBI-AGUA.23	
Application of the wavelet transform for analysis of precipitation and runoff time series Published: 2006 in Predictions in Ungauged Basins: Promise and Progress	5
Evaluation of optimized parameter values of a distributed runoff-erosion model applied in two different basins Published: 2005 in Sustainable Water Management Solutions for Large Cities	0
Climatic predictability, hydrology and water resources over Nordeste Brazil Published: 2005 in Sustainable Water Management Solutions for Large Cities	3
Application of an optimization technique to a physically based erosion model Published: 2003 in Hydrological Processes DOI: 10.1002/HYP.1176	19

- Application of a process-based model as a predictive tool for erosion loss in ungauged basins 0  
Published: 2003 in Sustainable Water Management Solutions for Large Cities
- Rainfall data analysis using wavelet transform 14  
Published: 2003 in Hydrology of Mediterranean and Semiarid Regions
- MATSUYAMA CITY RAINFALL DATA ANALYSIS USING WAVELET TRANSFORM  
Published: 2001 in PROCEEDINGS OF HYDRAULIC ENGINEERING  
DOI: 10.2208/PROHE.45.211
- Sediment yield in ishite watershed using a runoff-erosion kinematic model 0  
Published: 2001 in Hydraulics of Rivers Water Works and Machinery, Vol II, Theme D, Proceedings
- Application of a physically-based erosion model for a large river basin in Japan 1  
Published: 2001 in Integrated Water Resources Management
- Influência do tipo da cobertura vegetal sobre a erosão no semi-árido Paraibano  
Published: Apr 2000 in Revista Brasileira de Engenharia Agrícola E Ambiental  
DOI: 10.1590/S1415-43662000000100017
- IMPROVEMENT IN A GENETIC ALGORITHM FOR OPTIMIZATION OF RUNOFF-EROSION MODELS  
Published: 2000 in PROCEEDINGS OF HYDRAULIC ENGINEERING  
DOI: 10.2208/PROHE.44.705
- OPTIMIZATION OF A RUNOFF-EROSION MODEL THROUGH A GENETIC ALGORITHM  
Published: 1999 in PROCEEDINGS OF HYDRAULIC ENGINEERING  
DOI: 10.2208/PROHE.43.557
- Sediment Yield Due to Heavy Rainfall from a Test Field in Brazil and Its Analysis by a Runoff-Erosion Model.  
Published: 1998 in Doboku Gakkai Ronbunshu  
DOI: 10.2208/JSCEJ.1998.586\_117
- Influence of the moisture-tension parameter on sedigraphs and hydrographs from a semiarid region in Brazil 1  
Published: 1998 in Sustainable Water Management Solutions for Large Cities
- A CONCEPTUAL SOIL EROSION MODEL  
Published: 1998 in PROCEEDINGS OF HYDRAULIC ENGINEERING  
DOI: 10.2208/PROHE.42.1033
- Developing a sheet erosion equation for a semiarid region 3  
Published: 1997 in Sustainable Water Management Solutions for Large Cities

## Influence of Initial Infiltration on Runoff Hydrographs from a Test Field in a Semiarid Region of Northeastern Brazil

Published: 1997 in PROCEEDINGS OF HYDRAULIC ENGINEERING  
DOI: 10.2208/PROHE.41.203

## Sediment Yield Equation by Sheet Erosion on Soil Slope for a Semiarid Region

Published: 1996 in PROCEEDINGS OF HYDRAULIC ENGINEERING  
DOI: 10.2208/PROHE.40.875

## Scale Effects of Basin Elements on Coefficients in Runoff-Erosion Modeling

Published: 1994 in PROCEEDINGS OF HYDRAULIC ENGINEERING  
DOI: 10.2208/PROHE.38.83

## Sediment Yield Observed in a Small Experimental Basin and its Simulation by Runoff-Erosion Modeling

Published: 1993 in PROCEEDINGS OF HYDRAULIC ENGINEERING  
DOI: 10.2208/PROHE.37.717

## Efeitos de cenários de uso do solo na vazão e produção de sedimentos na bacia do Rio Cobres, Portugal

## Mapping soil erosion vulnerability using remote sensing and gis: a case study of Mamuaba watershed, Paraíba state

## Sediment yield prediction through the use of a runoff-erosion model coupled to a GIS | Estimativa da produção de sedimentos mediante uso de um modelo hidrossedimentológico acoplado a um SIG

Published: 2008

## Diagnóstico do setor de abastecimento de água em áreas rurais no Estado da Paraíba

## Drought forecast using Artificial Neural Network for three hydrological zones in San Francisco river basin

## Application of a particle swarm optimization to a physically-based erosion model

Published: 2010 in Annals of Warsaw University of Life Sciences - SGGW. Land Reclamation  
DOI: 10.2478/V10060-008-0063-9

## Influência da cobertura vegetal nos processos hidrossedimentológicos no semiárido do nordeste, Brasil

## SIG na avaliação de áreas para ocupação urbana de João Pessoa, PB

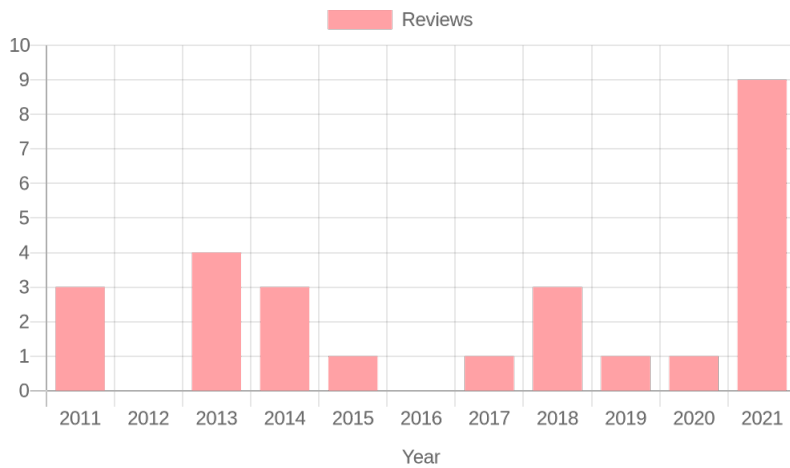
## Drought forecast using an artificial neural network for three hydrological zones in San Francisco River basin, Brazil

Published: 2009

# Identification of critical erosion prone areas and estimation of natural potential for erosion using GIS and remote sensing

## Verified reviews

### REVIEW SUMMARY



### REVIEWER SUMMARY

(2) Journal of Coastal Conservation	WOS	(2) Iranian Journal of Science and Technol...	WOS
(2) Environmental Science and Pollution R...	WOS	(2) Natural Hazards	WOS
(2) Catena	WOS	(2) Engineering Applications of Artificial Int...	WOS
(2) Journal of Hydroinformatics	WOS	(1) International Journal of Climatology	WOS
(1) Climate Resilience and Sustainability		(1) Stochastic Environmental Research an...	WOS
(1) Environmental Earth Sciences	WOS	(1) Arabian Journal of Geosciences	WOS
(1) Soil Use and Management	WOS	(1) Journal of Hydrology	WOS
(1) Journal of Soils and Sediments	WOS	(1) Atmospheric Environment	WOS
(1) Hydrology Research	WOS	(1) Environmental Research	WOS
(1) Remote Sensing Applications: Society and Env...			

### 26 REVIEWS OF 24 MANUSCRIPTS

- Reviewed: Jul 2021 for International Journal of Climatology
- 2 rounds from May 2021 to May 2021 for Journal of Coastal Conservation
- Reviewed: May 2021 for Iranian Journal of Science and Technology, Transactions of Civil Engineering
- Reviewed: Apr 2021 for Stochastic Environmental Research and Risk Assessment



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Reviewed: Apr 2021 for Environmental Science and Pollution Research

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Reviewed: Mar 2021 for Climate Resilience and Sustainability

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Reviewed: Feb 2021 for Iranian Journal of Science and Technology, Transactions of Civil Engineering

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Reviewed: Feb 2021 for Environmental Science and Pollution Research

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Reviewed: Aug 2020 for Natural Hazards

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Reviewed: Mar 2019 for Environmental Earth Sciences

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Reviewed: Sep 2018 for Remote Sensing Applications: Society and Environment

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Reviewed: Aug 2018 for Arabian Journal of Geosciences

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Reviewed: Jun 2018 for Soil Use and Management

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Reviewed: Jan 2017 for Journal of Hydrology

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2 rounds from Nov 2014 to Sep 2015 for Catena

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Reviewed: Dec 2014 for Journal of Hydroinformatics

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Reviewed: Jul 2014 for Environmental Research

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Reviewed: Jun 2013 for Hydrology Research

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Reviewed: Apr 2013 for Journal of Soils and Sediments

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Reviewed: Jan 2013 for Engineering Applications of Artificial Intelligence

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Reviewed: Jan 2013 for Journal of Hydroinformatics

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Reviewed: Jun 2011 for Engineering Applications of Artificial Intelligence

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Reviewed: Feb 2011 for Atmospheric Environment

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Reviewed: Feb 2011 for Natural Hazards

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# Editor records

## EDITOR SUMMARY

(80) Journal of Urban and Environmental Enginee...

(1) Water

WOS

(1) Remote Sensing

WOS