

Poster Session

(Poster Sessions will be held on 30 and 31 May at 14.10-15.30)

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72	Harshit	Jain	Modelling of Arsenic Concentration in Bengal Delta Plain and Predicting the case of Cambodia and Vietnam
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78	Li	Yan	The Discuss of Some Legal Question about the Pearl River Estuary River and Sea Boundaries
83	Aldo	Castañeda	Governance of water resources in the Highlands of Jalisco, Mexico: the case of the microwatershed of Jihute in the municipality of Tepatitlan de Morelos
95	George Ricardo	Andrade	Plasmon enhanced degradation of methylene blue via photocatalysis (solar and ultraviolet) and sonocatalysis using hetero-nanocatalysts based on ZnO and Au nanoparticles
100	Walter	Pardave	Estimation of Water Footprint of an industrial processing plant of gold minerals in the town of Vetaz Colombia
105	Samuel Dare	Fagbayide	Effects of Human Activities on Water Quality Assessment of Ala River In Akure, Ondo State, Nigeria
114	David	Ortega-Gaucin	Critical Analysis of Communications Campaigns to Encourage "Water Culture" in Mexico
115	Maritza Liliana	Arganis Juarez	Determination of digital elevation model in a plain surface of Mexico using genetic programming and estimation of flood volumes
120	Ranjan	Sarukkalige	Assessment of Crop Water Requirements for Sustainable Agriculture in Western Australia
122	Prem	Rangsiwanichpong	Relationship between the probability of landslide and sediment yield in Thailand
127	María Laura	Muruaga	Rivers of Tucuman Contamination by Vinasse Spills: Alternative to Reduce the Levels of this Pollutant and Promote its Uses
129	Arvind	Lakshmisha	Collective action against water insecurity in peri-urban areas: learnings from the global south
134	Luiz Carlos	Pereira	Impacts Caused by Substances Present in Electronic Waste in Your Contact With Water
144	Alan	Sañudo	Pump shutoff and startup transient analysis in a well network.
151	Angélica	Vieira	Green synthesized copper nanoparticles into granular activated carbon of babassu coconut by Hibiscus Sabdariffa flowers for removal of nitrate
176	Jan	Macháč	Disproportionate cost assessment according to the WFD: Comparison of applications of two approaches in the catchment of the Stanovice reservoir (Czech Republic)
177	Jiri	Louda	How to Successfully Achieve Urban Adaptation Using Green and Blue Infrastructure?
182	Jae-Kyoung	Lee	Probabilistic drought forecasts based on ensemble technique using the improved surface water supply index in Korea
185	Amrisha	Pandey	"Water Security" - through Techno-Sustainable Mechanism
207	Xinfeng	Zhang	The Mechanism of Salty Tide Intrusion in Pearl River Estuary and the Sustainable Use of Water Resources in Pearl River Delta
209	Daniela	Bitencourt	Sustainable Contribution: Consumer and Access of Freshwater
210	Yang	Fang	The water environmental governance for tidal lakes based on water ecology model
215	Gonzalo Daniel	Mejia Santana	Behavior Pattern Models of the Monthly Rainfall Against Mean historical Temperature Under Climate Change Scenarios
228	Muhammad Aslam	Khan	Deep-Seated Challenges to Water Sector and Human Life in Pakistan
229	Rosangela	Bergamasco	Graphene Associated with Nanomaterial for Pesticide Removal
230	Rosangela	Bergamasco	Towards sustainable drinking water treatment - the use of natural coagulant in the removal of microalgae
231	Rosangela	Bergamasco	Photocatalytic degradation of Methylene Blue (MB) dye under UV/visible light by TiO2 nanoparticle self-assembled commercial polyethersulfone
234	Micael	de Souza Fraga	Study on the Self-Purification Capacity of the Piracicaba River, Minas Gerais State, Brazil

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246	Angélica	Vieira	Adsorption capacity study of activated carbon of babassu coconut to remove yellow dye tartrazine from aqueous solution
253	Abdelaziz	Gherrou	Chromium recovery from electroplating rinsing waters using a novel metal exchange technology
279	Melih	Calamak	Effects of Burrowing Animals on Seepage Behavior of Earthen Dams
287	Laura Elisa	Garza Diaz	Sustainable optimization of agriculture water management in Pajaro Valley, California.
292	Carlos Alexandre	Burgos Garcia	Assessment of water quality using Principal Component Analysis: a case study of the Açude da Macela, Sergipe, Brazil
293	Carlos Alexandre	Burgos Garcia	Assessment of water quality of the Nossa Senhora das Dores-SE reservoir
301	Yongnan	Zhu	Assessing the Impacts of Climate Change on the Water-Energy Nexus: Case study for Shanxi's energy bases, China
303	Juliana	Pinheiro Gomes	Sharing Water: water conflict management and building relations, the case study of the city of Brazlândia, Brazil - The Descoberto Basin
317	Teresita	de Jesús Mora Ortiz	Predicting the freshwater inflows into a coastal wetland: The Biosphere Reserve "Pantanos de Centla", Tabasco, Mexico
320	Sunghun	Kim	Comparison of methods for rainfall frequency analysis under climate change in the Han River basin, South Korea
325	George Ricardo	Andrade	Rapid detection of heavy metal ions in aqueous media based on fluorescent carbon dots obtained from beetroot
331	Cristiane	Nascimento	Efficient sunlight driven photocatalytic degradation of organic dyes by CdS/bentonite nanocomposite
342	Fernando	Soares	Microbiological analysis of the ice marketed in Coari, city of Amazon state, Brazil
403	Ajay	Kalra	Urban Stormwater runoff under changing climatic conditions
409	Toshiyuki	Moriyama	Making Smart Rainwater House
411	Haydeana	Navarro Solis	Identification Arsenic (V) by Cyclic Voltammetry and Recovery of Arsenic by Electrodeposition
422	Sara	Medrano Lucas	Participation and social capital for watershed management: Evaluation of Water Safety organisms in Lower Balsas (Michoacan)
441	Rebecca Annick Nireti	Lawani	Organic pollution of Oueme River in Benin Republic
442	Esra	Şiltu	Deriving Water Quality Based Discharge Limits: A Case Study for Gediz River Basin
447	Carlos Alexandre	Burgos Garcia	Environmental diagnosis of the aquifer free of the north zone of Aracaju-Sergipe through metal, ions and BTEX concentrations
456	Malay	Mukhopadhyay	Installation of Marker Stone to Restore River Source Water Infrastructure: A Newer Vista for Geomorphosite-geotourism
459	Marcelo	Fernandes Vieira	Biosorption Potential Evaluation of Atrazine by Moringa Seed Husks in Fixed Bed
460	Marcelo	Fernandes Vieira	Adsorption of Diclofenac on activated carbon and Moringa oleifera Lam.: Kinetic and equilibrium studies
467	Yoshiya	Touge	Study on Snow Melting Process in Land Surface Model in High Altitudes in Zeravshan River Basin
472	Rômulo Henrique	Teixeira do Egito	Water resources policy for the Brazilian semiarid region
473	Cunwen	Niu	Research on compensation of Hydrological project regulation for Eco-environmental flow Guarantee in the WEIHE River Basin, China
478	Kaoara	Batista de Sa	Increasing block rate tariffs and water conservation: a case study of individually metered dwellings in multi-storey buildings in the Federal District,

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491	Romina	Battistella	Spatial Prediction of Arsenic on Groundwater Perforations of Santa Rosa Basin, Catamarca, Argentina
492	Alex	Godoy-Faúndez	Hydrometeorological risk assessment for crops in Chile
493	Carolina Alexandra	Perret	Assessment of surface water availability in the San Alberto watershed, Oxapampa, Peru
494	Carlos Alexandre	Burgos Garcia	Strategies for water quality reservoir assessment: Water Quality Index, Trophic State Index and Fuzzy Logic
507	Cristiane	Nascimento	Evaluation of the water quality in Sergipe hinterland reservoirs, Northeast Brazil.
508	Rafaella Oliveira	Baracho	Evaluation of Agenda 21 implementation in Brazil: Chapter 18 - Protection of Water Resources Focused on Drinking Water Supply and Sanitation case
510	Roberto	Ponce	Assessment of farmers' vulnerability to climate change at river basin scale: an integrated modeling approach
512	Josilene	Valladares	Evaluation of the seawaters influence in the lotic ecosystem Franquinho River in Archipelago Bailique, Amapa, Brazil
519	José Angelim	da Silva Neto	Anatomical Characteristics and Water Relations in Coffea Canephora L.
521	Arlon José	dos Santos Dias	Seawater influence on the mouth of the Amazon River: Water Quality Analysis and the impacts to a riverside community in the Amazon, Brazil
530	Hugo	Arangoitia Valladares	Nutrient removal of nitrogen and phosphorus in an artificial wetland subsurface flow under the influence of macrophyte Chrissopogon Zizaniodes
534	Roberto	Ponce	The Economic Value of Water in the Chilean Manufacturing Industry
536	Sebastian	Riera	Good water governance. Review of tools and indicators for successfull implementation.
540	Sajjad	Ahmad	Study of Potential Integrated Management of Water Resources in Las Vegas Valley
541	Romina	Battistella	Hydrochemical and spatial grouping of groundwater of Santa Rosa Valley, Catamarca, Argentina
543	Jeffrey	Cheng	Low Impact Development Benefit Quantification for Urban Stormwater Management
545	Carlos	Salazar	Flood frequency analysis in the New River Basin, Mexico
559	José Bento	da Rocha	Sharing water resources and water allocation
565	Judith	Ramos-Hernandez	Water reuse for irrigation as part of the wastewater management for the sanitation of the Atoyac River Basin, Mexico: an alternative from a hydraulic point of view
573	Marcia Araujo	Van der Boor	Microbiological Water Quality Monitoring That Fuels Hospitals Supply from Maranhão State Municipalities Alternative or Not
575	Elia	Tapia Villaseñor	The Transboundary Aquifer Assessment Program and the San Pedro River Aquifer Binational Report for the United States and Mexico
576	Cristina	Torres	Water Management in a High Mountain Community
588	Sofia	Garrido	Analysis fo the Physical and Chemical Properties to Improve Arsenic Sludge Dewatering and Disposal
592	Humberto	Silva-Hidalgo	Effects of Climate Change on Water Availability in a Hydrological Watershed Located in an Arid Region in the North-Central Portion of Mexico
594	Antonio	Gómez Arteaga	Numerical Model of the Netzahualcoyotl Dam Emergency Spillway and Hydraulic Validation Operation With the Physical Model