



## LIST OF APPROVED ABSTRACTS FOR POSTER PRESENTATION - SPECIAL SESSION

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If payment has already been made, we kindly request that you disregard this information.

SS01 - State And Trends Of Latino-America Freshwaters		
Code	Titles	Authors
1418	A primary update of the aquatic flora of the Itaipu reservoir, Brazilian margin	WITALO SOARES (State University of Maringá - Maringá - PR - Brasil), KARINA FIDANZA (State University of Maringá - Maringá - PR - Brasil)
1684	ASSESSMENTS OF ENVIRONMENTAL INTEGRITY IN BRAZILIAN SPRINGS: A BIBLIOGRAPHICAL ANALYSIS	ACISA RAIMUNDA DE SOUZA (Universidade do Estado de Mato Grosso Carlos Alberto Reyes Maldonado - Cáceres - MT - Brasil), WILKINSON LOPES LÁZARO (Universidade do Estado de Mato Grosso Carlos Alberto Reyes Maldonado - Cáceres - MT - Brasil)

1864	Stream and River Restoration in Brazil: A Review of the Scientific Literature and Funded Projects	RAFAEL HENRIQUE HORDONES (UFSJ - São João del-Rei - MG - Brasil), BJORN GUCKER (UFSJ - São João del-Rei - MG - Brasil), DAVI GASPARINI FERNANDES CUNHA (USP - São Carlos - SP - Brasil), IOLA GONÇALVES BOËCHAT (UFSJ - São João del-Rei - MG - Brasil)
1886	Exploring Aquatic Ecosystems in South America: New Perspectives Using XRF-CS	ROBERTO URRUTIA (University of Concepcion - Chile), Denisse Alvarez (Universidad Santo Tomas - Chile), Alberto Araneda (Universidad de Concepcion - Chile), Julio Echeverria (Universidad de Concepcion - Chile), Pablo Pedreros (Universidad de Concepcion - Chile), Nathalie Fagel (University of Liege - Belgium), Johana Beltran (Universidad de Concepción - Chile), Sebastien Bertrand (Paris-Saclay University - France)
2009	The Ibero-American Network of Women and Water: reinforcing the role of women in aquatic sciences.	JEYMMY WALTEROS, Juan David Gonzalez-Trujillo, Ada Acevedo-Alonso, Maria Isabel Castros

### SS06 - From local to global water quality assessment with remote sensing

Code	Titles	Authors
1301	Remote sensing applied to monitoring algal blooms: A systematic review	GUILHERME LUIZ RISSATE (Universidade Estadual de Goiás - Goiânia - GO - Brasil), Fernanda Melo Carneiro (Universidade Estadual de Goiás - Goiânia - GO - Brasil), Gilson Souza Ferreira Neto (Instituto de Pesquisa da Amazônia - Manaus - AM - Brasil)

1377	Validation of water remote sensing reflectances simulated with PHYBOM (Phytoplankton-Based Optical Model) using in situ spectra and hyperspectral sensors	XAVIER SORIA PERPINYA (Universitat de València - Spain), Eduardo Vicente (Universitat de València - Spain), Bérbara Alvado (Universitat de València - Spain), Maria Dolores Sendra (Universitat de València - Spain), Esther Patricia Urrego (Universitat de València - Spain), Gabriel Rodrigo Caballero (Universitat de València - Spain), Carolina Tenjo (Universitat de València - Spain), Antonio Ruiz-Verdú (Universitat de València - Spain), Jesús Delegido (Universitat de València - Spain), Juan Miguel Soria (Universitat de València - Spain), José Moreno (Universitat de València - Spain), María A. Rodrigo (Universitat de València - Spain)
1428	Magnitude and Behavior from the Water Specular Reflection Interference on MSI/Sentinel-2 and HSI/EnMAP Sensors	JULIO CESAR PIMENTA DOS SANTOS (Instituto Nacional de Pesquisas Espaciais - São José dos Campos - SP - Brasil), Rejane Souza Paulino (Mississippi State University - United States), Daniel Andrade Maciel (Instituto Nacional de Pesquisas Espaciais - São José dos Campos - SP - Brasil), Vitor Souza Martins (Mississippi State University - United States), Evlyn Márcia Leão de Moraes Novo (Instituto Nacional de Pesquisas Espaciais - São José dos Campos - SP - Brasil), Cláudio Clemente Faria Barbosa (Instituto Nacional de Pesquisas Espaciais - São José dos Campos - SP - Brasil)
1528	Random Forest CDOM modelling by Landsat (OLI) in tropical inland waters	PEDRO BACELLAR (National Institute for SPace Research - São José dos Campos - SP - Brasil), Daniel Andrade Maciel (National Institute for Space Research - INPE - São José dos Campos - SP - Brasil), Vitor Souza Martins (Mississippi State University - United States), Raianny Leite do Nascimento Wanderley (National Institute for Space Research - INPE - São José dos Campos - SP - Brasil), Evlyn Marcia Leão de Moraes Novo (National Institute for Space Research - São José dos Campos - SP - Brasil), Cláudio Clemante Faria Barbosa (National Institute for Space Research - São José dos Campos - SP - Brasil)
1653	Harmful algal blooms monitoring from space: the estimation of phycocyanin	IGOR OGASHAWARA (Leibniz Institute of Freshwater Ecology and Inland Fisheries - Germany)
1698	Sentinel-2 Monitoring of Cyanobacterial Dynamics in some Spanish inland waters.	XAVIER SORIA PERPINYA (Universitat de València - Spain), Rebeca Pérez González (Universitat de València - Spain), Juan Víctor Molner (Universitat de València - Spain), Juan Miguel Soria (Universitat de València - Spain), Eduardo Vicente (Universitat de València - Spain)

1709	Exploring Water Quality Dynamics in the Po River Delta Through Multisource Optical Sensors	GIAN MARCO SCARPA (CNR - ISMAR - Italy), Debora Bellafiore (CNR - ISMAR - Italy), Vittorio Ernesto Brando (CNR - ISMAR - Italy), Mariano Bresciani (CNR - IREA - Italy), Francesca De Pascalis (CNR - ISMAR - Italy), Federico Falcini (CNR - ISMAR - Italy), Congju Fu (CNR-ISMAR, Università La Sapienza - China), Claudia Giardino (CNR - IREA - Italy), Giorgia Manfè (CNR - ISMAR - Italy), Jaime Pitarch (CNR - ISMAR - Spain), Luca Zaggia (CNR - IGG - Italy), Federica Braga (CNR - ISMAR - Italy)
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**SS07 - Coupling remote sensing, modelling and in situ monitoring to support lentic ecosystems management: targeting lakes and reservoirs from Global South countries**

Code	Titles	Authors
1666	The potential use of satellite imaging for monitoring spatial changes in the aquatic macrophyte community occupation in a small hydropower plant reservoir	JULIANA DE OLIVEIRA XAVIER (CEMIG - Belo Horizonte - MG - Brasil), FABIANA GAMA (CEMIG - BELO HORIZONTE - MG - Brasil), JANAINA AGRA (CEMIG - Belo Horizonte - MG - Brasil), ANELISE GARCIA (CEMIG - BELO HORIZONTE - MG - Brasil), RAQUEL LOURES (CEMIG - BELO HORIZONTE - MG - Brasil)
1937	Estimation of chlorophyll-a using remote sensors in the reservoir of Yacretá dam	ANTONELLA PALAZZO, Esteban Lacunza, Fernanda Paola Maciel
1949	Temporal dynamics of optically active components in a eutrophic tropical reservoir	KAREN ANN FERREIRA MOURA, Luciana Pena Mello Brandão, Diego Guimarães Florencio Pujoni, Maria Clara Ferreira Pinto, Jéssica Melissa da Silva Marques, José Fernandes Bezerra Neto

**SS08 - Mathematical Modeling in Limnology: Present and Future**

Code	Titles	Authors
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1409	Hydrosedimentological modeling of the Rincón del Bonete reservoir	CAROLINA PAZ (Facultad de Ingeniería, Universidad de la República - Uruguay), Pablo Esteban Santoro (Facultad de Ingeniería, Universidad de la República - Uruguay), Rodrigo Mosquera (Facultad de Ingeniería, Universidad de la República - Uruguay)
1736	Assessing Eutrophication Dynamics and Water Quality Responses in Lake Villarrica: A Comprehensive Modeling Approach	JAVIERA ROJAS SOTO (Universidad de Chile - Chile), Felipe Galaz (Universidad de Chile - Chile), Felipe Díaz Alvarado (Universidad de Chile - Chile), Yarko Niño (Universidad de Chile - Chile)
1790	Numerical Modeling as an Essential Tool for Efficient Water Quality Management	JESSICA FROES DE BRITO WENDT (FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - FOZ DO IGUAÇU - PR - Brasil), GIOCE A G BERNES (FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - CURITIBA - PR - Brasil), CELSO C B NETO (ITAIPU BINACIONAL - FOZ DO IGUAÇU - PR - Brasil)
1910	Pseudanabaena proliferation triggered by extreme draught event in Tianmuhu reservoir, a drinking water source in Liyang, China	GUANGWEI ZHU
2059	Applicability of mixing modelling to determine the groundwater contributions to surface flow in high mountain catchments	DANIEL MONTAGUD TARRASO, Luís Camarero

### SS09 - Deciphering Human- and Climate-Driven Impacts on Lakes using Paleolimnological Studies

Code	Titles	Authors
1309	Retracing the trophic history of Lake Maskinongé (Mont-Tremblant, Canada) over the last 400 years using the paleolimnological approach	LOUIS-MARC BRUNEAU-DUMOULIN (University Laval (Geography department) - Canada), ÉMILIE SAULNIER-TALBOT (University Laval (Geography & Biology department) - Canada), RAOUL-MARIE COUTURE (University Laval (Chemistry department) - Canada)

1636	Unraveling Human Traces in Sedimentary Archives Across Latin American Ecoregions: A Comprehensive Review	<p>GIORGIA CAMPERIO (ETHZ - Switzerland), Xavier Benito (Marine and Continental Waters Programme (IRTA) - Spain), Florencia Bertoglio ( Instituto de Investigaciones Biológicas Clemente Estable - Argentina), Maria Eugenia de Porras (IANIGLA (Instituto Argentino de Nivología, Glaciología y Ciencias Ambientales) - CCT Mendoza - CONICET - Argentina), Paula Echeverría-Galindo (Technische Universität Braunschweig - Germany), Silvana Halac (Earth Sciences Research Center, Cicterra- Conicet - Argentina), Julieta Massaferro (National Scientific and Technical Research Council of Argentina (CONICET) and Department of Conservation and Environmental Education at the Nahuel Huapi National Park Administration (CENAC-APN) - Argentina), Barbara Moguel (Geoscience Center, Universidad Nacional Autónoma de México - Mexico), Beatriz Paredes Goñes (Universidad de Concepción - Chile), Liseth Pérez (Technische Universität Braunschweig - Germany), María Cecilia Rayó (IIMyC (Instituto de Investigaciones Marinas y Costeras), Universidad Nacional de Mar del Plata-CONICET - Argentina)</p>
1521	The Current Warm Period induced a directional change in cladocerans and ecological processes in a shallow temperate lake	<p>David Carrozzo (Instituto de Investigaciones Marinas y Costeras (IIMYC), Facultad de Ciencias Exactas y Naturales, Universidad Nacional de Mar del Plata, CONICET - Argentina), MARIA DE LOS ANGELES GONZALEZ SAGRARIO (Instituto de Investigaciones Marinas y Costeras (IIMYC), Facultad de Ciencias Exactas y Naturales, Universidad Nacional de Mar del Plata, CONICET - Argentina), Francisco Elizalde Córdoba (Instituto de Ecorregiones Andinas (INECOA, CONICET-UNJu), Instituto de Geología y Minería, Universidad Nacional de Jujuy - Argentina), Andrea Lami (National Research Council (CNR), Water Research Institute (IRSA) - Italy), Carla Santamans (Instituto de Ecorregiones Andinas (INECOA, CONICET-UNJu), Instituto de Geología y Minería, Universidad Nacional de Jujuy - Argentina), Simona Musazzi (National Research Council (CNR), Water Research Institute (IRSA) - Italy), María Eugenia Llamas (Instituto Tecnológico de Chascomús (INTECH, CONICET-UNSAM), Escuela de Bio y Nanotecnologías (UNSAM) - Argentina)</p>

**SS10 - Landscape limnology**

Code	Titles	Authors
1305	Identifying indicators of nutrient loadings to lakes with an integrated modeling framework	<p>KEERTHANA SURESH (International Institute for Applied Systems Analysis, Laxenburg, Austria and Department of Physical Geography, Utrecht University, Utrecht - Netherlands), Ting Tang (International Institute of Applied Systems Analysis, Laxenburg, Austria and Biological and Environmental Science and Engineering Division, King Abdullah University of Science and Technology, Thuwal - Saudi Arabia), Michelle T.H. van Vliet (Department of Physical Geography, Utrecht University, Utrecht - Netherlands), Maryna Stokal (Environmental Systems Analysis Group, Wageningen University, Wageningen - Netherlands), Marc F.P. Bierkens (Department of Physical Geography, Utrecht University, Utrecht, Netherlands and Deltares, Unit Subsurface and Groundwater Systems, Utrecht - Netherlands), Yoshihide Wada (International Institute of Applied Systems Analysis, Laxenburg, Austria, Department of Physical Geography, Utrecht University, Utrecht, Netherlands and Biological and Environmental Science and Engineering Division, King Abdullah University of Science and - Saudi Arabia)</p>

### SS11 - Land-Use Changes on Neotropical Streams: Impacts and Scientific Advances

Code	Titles	Authors
1545	Exploring ecological complexities: How does upstream agriculture affect leaf patches and aquatic invertebrate assemblages in forest streams?	<p>LARISSA CORTELETTI DA COSTA (Universidade Vila Velha (UVV) - Vila Velha - ES - Brasil), PAULA MUNHOZ DE OMENA (Universidade Vila Velha (UVV) - Vila Velha - ES - Brasil), MARIA ALICE POSSATO DUTRA (Universidade Vila Velha (UVV) - Vila Velha - ES - Brasil), FELIPE SILVA DAS CHAGAS (Universidade Vila Velha (UVV) - Vila Velha - ES - Brasil), MARCELO DA SILVA MORETTI (Universidade Vila Velha (UVV) - VILA VELHA - ES - Brasil)</p>

**SS12 - Greenhouse gases emission and carbon sequestration in aquatic ecosystems: Unraveling drivers, magnitude and uncertainties**

<b>Code</b>	<b>Titles</b>	<b>Authors</b>
1951	Particulate carbon flux into the sediments of two tropical karst lakes in Chiapas, Mexico	ERIKA RIVERA, Javier Alcocer, Luis Alberto Oseguera, Rocío Fernández

**SS13 - Cyanobacteria; Nutrients; Control: from Science to Management**

<b>Code</b>	<b>Titles</b>	<b>Authors</b>
1544	Microalgae and cyanobacteria in Brazilian reservoirs: a scientometric study	MARIA JULIA LOPES DA SILVA (UNIOESTE - Cascavel - PR - Brasil), PATRÍCIA IATSKIU (UNIOESTE - CASCAVEL - PR - Brasil), NORMA CATARINA BUENO (UNIOESTE - CASCAVEL - PR - Brasil)
1683	DEVELOPMENT OF AN INTEGRATED PLATFORM FOR MONITORING AND FORECASTING HAZARDOUS ALGAL BLOOMS AT SAN JOSÉ LAGOON, PUERTO RICO: PRELIMINARY RESULTS FROM THE PLANKTON COMPONENT	CARLOS SANTOS (University of Puerto Rico-Mayaguez Campus - Puerto Rico), Gustavo A Martínez (University of Puerto Rico-Mayaguez Campus - Puerto Rico), Yomar A Almodóvar (University of Puerto Rico-Mayaguez Campus - Puerto Rico)
1716	SPATIAL HORIZONTAL HETEROGENEITY OF CYANOBACTERIA IN A SUBTROPICAL URBAN RESERVOIR LOCATED IN DENSELY POPULATED AREAS, SÃO PAULO, BRAZIL	JOAO ALEXANDRE SAVIOLO OSTI (Guarulhos University - Guarulhos - SP - Brasil), Matheus Barbosa Herbst Oliveira (Instituto de Pesca - Guarulhos - SP - Brasil), Renata Cristina Araújo Costa (Guarulhos University - Guarulhos - SP - Brasil), Clóvis Ferreira Carmo (Instituto de Pesca - São Paulo - SP - Brasil), Munique Almeida Bispo Moraes (Instituto de Pesca - São Paulo - SP - Brasil), Cacilda Thais Janson Mercante (Instituto de Pesca - São Paulo - SP - Brasil)



1722	Water quality effects on cyanobacteria communities: Insights from one decade of biomonitoring near hydropower plants at the neotropics	ANELISE GARCIA (Energy Company of Minas Gerais - Belo Horizonte - MG - Brasil), JANAINA AGRA (Energy Company of Minas Gerais - BELO HORIZONTE - MG - Brasil), FABIANA GAMA (Energy Company of Minas Gerais - BELO HORIZONTE - MG - Brasil), JULIANA XAVIER (Energy Company of Minas Gerais - BELO HORIZONTE - MG - Brasil), RAQUEL LOURES (Energy Company of Minas Gerais - BELO HORIZONTE - MG - Brasil)
1929	Inhibitory effect of extracts of the macrophytes Pistia stratiotes and Pontederia crassipes on Microcystis aeruginosa and influence of its associated microbiota	LUAN DE OLIVEIRA SILVA, ALLAN AMORIM SANTOS, ANA BEATRIZ FURLANETTO PACHECO, SANDRA MARIA FELICIANO DE OLIVEIRA E AZEVEDO

<b>SS14 - Lake restoration - controlling eutrophication</b>		
<b>Code</b>	<b>Titles</b>	<b>Authors</b>
2058	Nutrients flux in a pampean shallow lake, Argentina	MARIA LUZ PADULLES, Adonis Giorgi, Eduardo Zunino, Ana Torremorell

<b>SS16 - Challenges of Aquatic Biodiversity and Conservation Strategies in Mined Environments: Exploring Impacts and Pathways to Recovery</b>		
<b>Code</b>	<b>Titles</b>	<b>Authors</b>

1351	Optical characteristics of the Rio Doce basin and water quality	KAREN ANN FERREIRA MOURA (Universidade Federal de Minas Gerais - Belo Horizonte - MG - Brasil), Luciana Pena Mello Brandão (Universidade Federal de Minas Gerais - Belo Horizonte - MG - Brasil), Diego Guimarães Florencio Pujoni (Universidade Federal de Minas Gerais - Belo Horizonte - MG - Brasil), Maione Wittig Franco (Universidade Federal de Minas Gerais - Belo Horizonte - MG - Brasil), Maria Clara Ferreira Pinto (Universidade Federal de Minas Gerais - Belo Horizonte - MG - Brasil), Jéssica Melissa da Silva Marques (Universidade Federal de Minas Gerais - Belo Horizonte - MG - Brasil), Francisco Antônio Rodrigues Barbosa (Universidade Federal de Minas Gerais - Belo Horizonte - MG - Brasil), José Fernandes Bezerra Neto (Universidade Federal de Minas Gerais - Belo Horizonte - MG - Brasil)
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<b>SS18 - Aquatic metacommunities: diversity patterns, assembly processes, spatial scales, and network connectivity</b>		
<b>Code</b>	<b>Titles</b>	<b>Authors</b>
1772	CONNECTING MODELLING, MONITORING, MESOCOSM EXPERIMENTS, AND REMOTE SENSING TO UNDERSTAND COMPLEX PHYTOPLANKTON DYNAMICS IN RIVER-CONNECTED LAKES	STELLA A BERGER (Leibniz Institute of Freshwater Ecology and Inland Fisheries - Germany), Sabine Wollrab (Leibniz Institute of Freshwater Ecology and Inland Fisheries - Germany), Jens C. Nejtgaard (Leibniz Institute of Freshwater Ecology and Inland Fisheries - Germany), Hans-Peter Grossart (Leibniz Institute of Freshwater Ecology and Inland Fisheries - Germany), Andreas Jechow (Leibniz Institute of Freshwater Ecology and Inland Fisheries - Germany), Christine Kiel (Leibniz Institute of Freshwater Ecology and Inland Fisheries - Germany), Igor Ogashawara (Leibniz Institute of Freshwater Ecology and Inland Fisheries - Germany), Alexis L. N. Guislain (Leibniz Institute of Freshwater Ecology and Inland Fisheries - Germany), Gabriel A. Singer (University of Innsbruck - Austria), Peter Gege (German Aerospace Center - Germany), Gunnar Lischeid (Leibniz-Centre for Agricultural Research - Germany), Thomas Schneider (Technical University Munich - Germany)

### SS19 - The relevance of ponds ecosystems for the biodiversity and society in the context of global changes

Code	Titles	Authors
1757	METAcommunities and tHE ROle of habitat networks in safeguarding against biodiversity loss under fragmentation and environmental strESSs	DAVID CUNILLERA-MONTCUSI (Institute of Aquatic Ecology, HUN-REN Centre for Ecological Research, Budapest, Hungary - Hungary), Zsófia Horváth (Institute of Aquatic Ecology, HUN-REN Centre for Ecological Research, Budapest, Hungary - Hungary)
1953	From ponds to landscape: understanding insect-mediated nutrient dynamics - Insights from the EUROPONDS Project	MARINA TOMAS MARTIN, Lena Fehlinger, Fernando Chaguaceda, Pietro Tirozzi, Ellinor Jakobsson, Teofana Chonova, Benjamin Misteli, Alberto Scotti, Jorge Filipe Henriques, Juan Rubio-Ríos, Daniel Morant, Pierre Marle, Vojtěch Kolar, Olivera Stamenković, Rhiannon Mondav, Karla Münzner, Stephen Esosa Osakpolor, Luca Bonacina, Veronica Nava, Emma Drohan, Encarnación Fenoy, Alfredo Llorente, Margaux Mathieu-Resuge, Dariusz Halabowski, Noel Juvigny-Khenafou, Joana Martelo, Liam Nash, Julie C Fahy, David Cunillera-Montcusí, Ana Balibrea, Ena Suarez, Biljana Rimcheska

### SS21 - Ecology and conservation of temporary aquatic ecosystems

Code	Titles	Authors
1250	Polyextremality of temporal hypersaline water bodies for organisms: Does hyperoxic events contribute to this?	NICKOLAI SHADRIN (Kovalevsky Institute of Biology of the Southern Seas - Russia), Elena Anufriieva (A.O. Kovalevsky Institute of Biology of the Southern Seas - Russia), Alexandr Latushkin (Marine Hydrophysical Institute - Russia), Vladimir Yakovenko (A.O. Kovalevsky Institute of Biology of the Southern Seas - Russia)

1272	Temporary water bodies in Crimea: their “sleeping” biodiversity and landscape roles	ELENA ANUFRIIEVA (Kovalevsky Institute of Biology of the Southern Seas - Russia), Nickolai Shadrin (Kovalevsky Institute of Biology of the Southern Seas - Russia), Elisaveta Slepushkina (Sevastopol State University - Russia)
1644	Pitstop for lunch - Vernal species of Large Branchiopods as vector of nutrient flow between ecosystems	DANIEL FAJFER (Adam Mickiewicz University - Poland), BARTŁOMIEJ GOŁDYN (Adam Mickiewicz University - Poland)
1823	Current knowledge of temporary lentic water bodies in Latin America and Caribe	CARLA OLMO (Universitat de Girona - Spain), Rodrigo Ramos–Jiliberto (Universidad Mayor - Chile), Dani Boix (Universitat de Girona - Spain), Carlos López (Escuela Superior Politécnica del Litoral (ESPOL) - Ecuador), Luciana Gomes Barbosa (Universidade Federal da Paraíba - Joao Pessoa - PB - Brasil)
1842	ARE REDUCED WATER AVAILABILITY AND RECALCITRANT LEAF TRAITS CONTROLLING FACTORS IN THE LEAF LITTER DECOMPOSITION OF SEMIARID TEMPORARY RIVERS?	PATRICIA VELASQUEZ VOTTELERD (UNIVERSIDADE FEDERAL DO CEARA - FORTALEZA - CE - Brasil), ARLETE APARECIDA SOARES (UNIVERSIDAD FEDERAL DO CEARA - FORTALEZA - CE - Brasil), MARIA ORTIZ ESOBOBAR (UNIVERSIDADE FEDERAL DO CEARA - FORTALEZA - CE - Brasil), JOSE VIEIRA ARAGÃO (UNIVERSIDADE FEDERAL DO CEARA - FORTALEZA - CE - Brasil), TIAGO OSORIO FERREIRA (UNIVERSIDADE DE SÃO PAULO (ESALQ/USP) - PIRACICABA - SP - Brasil), CARLA FERREIRA REZENDE (UNIVERSIDADE FEDERAL DO CEARA - FORTALEZA - CE - Brasil)
1862	Phytobenthos studies in a temperate zone karst stream	ELISABETH I. MEYER (University of Münster - Germany), Hanno Dahlhaus (bbe Moldaenke GmbH - Germany)

<b>SS23 - Homogenocene and Antropocene in inland waters</b>		
<b>Code</b>	<b>Titles</b>	<b>Authors</b>

1918	Can the functionality of neotropical macrophyte communities be affected by an invasive species?	MATEUS PERESSUTI BATISTA DOS SANTOS, ANDRÉ ANDRIAN PADIAL
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SS24 - Plankton diversity in face of anthropogenic changes		
Code	Titles	Authors
1304	Warming and land use affect phytoplankton beta diversity: a mesocosm experiment approach	FELIPE MORAIS ZANON (State University of Maringá - UEM - Maringá - PR - Brasil), Daiane Montoia Comparsi (State University of Campinas - UNICAMP - Campinas - SP - Brasil), Felipe Rezende (State University of Campinas - UNICAMP - Campinas - SP - Brasil), Gustavo Quevedo Romero (State University of Campinas - UNICAMP - Campinas - SP - Brasil), Luzia Cleide Rodrigues (State University of Maringá - UEM - Maringá - PR - Brasil)
1602	Spatial Variations of Phytoplankton Communities and the influence factors in the Shallow Lakes from Wuhan, China	ANILA P AJAYAN (National Centre for Earth Science Studies - India), Bi Yonghong (Institute of Hydrobiology - China), Jan W Rijstenbil (AE3 Consultancy - Netherlands)
1633	IMPACT OF URBANIZATION ON THE STRUCTURING OF ZOOPLANKTON METACOMMUNITY AND BETA DIVERSITY IN TROPICAL STREAMS, BRAZIL	MATHEUS JUAN ALARCON SAMPAIO (State University of Maringá - Maringá - PR - Brasil), YZEL RONDON SÚAREZ (State University of Mato Grosso do Sul - Dourados - MS - Brasil), CLAUDIA COSTA BONECKER (State University of Maringá - Maringá - PR - Brasil), ÉRICA OLIVEIRA LIMA (State University of Maringá - Maringá - PR - Brasil), ANDRESSA CRYSTINE SOUZA-SILVA (State University of Maringá - Maringá - PR - Brasil)

1665	Variable lake habitats ensure high zooplankton diversity	MARIA SPOLJAR (Department of Biology, Faculty of Science, University of Zagreb, Rooseveltov trg 6, 10000 Zagreb - Croatia), NATALIA KUCZYŃSKA-KIPPEN (Department of Water Protection, Faculty of Biology, Adam Mickiewicz University, Uniwersytetu Poznańskiego 6, 61-614 Poznań - Poland), CHEN ZHANG (State Key Laboratory of Hydraulic Engineering Intelligent Construction and Operation, Tianjin University, Tianjin 300350 - China), MIROSŁAW MLECZEK (Department of Chemistry, Poznań University of Life Sciences, Wojska Polskiego 75, 60-625 Poznań - Poland)
1850	Elevated water temperatures: impacts on planktonic microcrustaceans respiration, survival rates, and body size	SARAH SALVADOR (Laboratório de Plâncton, DHb, CCBS, Universidade Federal de São Carlos - São Carlos - SP - Brasil), CAMILA MOREIRA DA SILVA (Programa de Pós-graduação em Ciências Biológicas (Zoologia), Instituto de Biociências, Universidade Estadual Paulista (UNESP) - Botucatu - SP - Brasil), RENAN GEBARA (Center for the Development of Functional Materials (CDMF), Universidade Federal de São Carlos - São Carlos - SP - Brasil), CINTHIA BRUNO DE ABREU (Center for the Development of Functional Materials (CDMF), Universidade Federal de São Carlos - São Carlos - SP - Brasil), HUGO P. M. SARMENTO (Laboratório de Plâncton, DHb, CCBS, Universidade Federal de São Carlos - São Carlos - SP - Brasil), GILMAR PERBICHE NEVES (Laboratório de Plâncton, DHb, CCBS, Universidade Federal de São Carlos - São Carlos - SP - Brasil)
1903	Experimental nutrient enrichment increases plankton taxonomic and functional richness and promotes species dominance overtime	ANDRE PADIAL, Jaqueline Dittrich, Juliana Deo Dias, Aline Caroline Magro de Paula
2008	Assessing the importance of environment, urbanization and space-time on phytoplankton in urban lakes	ANNY Kelly, Jascieli Carla Bortolini

### SS25 - South American Spatially Extensive Biological Assessments: Gaps & Opportunities

Code	Titles	Authors
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1668	Indications of Phytogeographical Patterns of Diatoms in Brazilian Biomes	STEFANO ZORZAL-ALMEIDA (Universidade Federal do Espírito Santo - Vitória - ES - Brasil), Elton Augusto Lehmkuhl (Instituto de Ciências Sociais, Educação e Zootecnia – ICSEZ/UFAM - Paritins - AM - Brasil), Gisele Carolina Marquardt (Universidade Federal do Paraná - Curitiba - PR - Brasil), Krysna Stephanny Moraes (Universidade Federal do Espírito Santo - Vitória - ES - Brasil), Mateus Sardi Trancoso (Universidade Federal do Espírito Santo - Vitória - ES - Brasil), Angela Maria Silva-Lehmkuhl (Instituto de Ciências Sociais, Educação e Zootecnia – ICSEZ/UFAM - Parintins - AM - Brasil)
1726	Does the loss of riparian vegetation increase beta diversity in tropical streams?	GISELE SANTOS (UFMG - BELO HORIZONTE - MG - Brasil), Diego Marcel Parreira Castro (UFMG - BELO HORIZONTE - MG - Brasil), Ricardo Ribeiro Castro Solar (UFMG - Belo Horizonte - MG - Brasil), Marcos Callisto (UFMG - BELO HORIZONTE - MG - Brasil)

**SS27 - Advancing and implementing environmental DNA and RNA methods for assessing, monitoring and managing freshwater ecosystems**

Code	Titles	Authors
1861	Diversity of planktonic microeukaryotes by metabarcoding in the Araguaia River floodplain, Brazil	JOCILAINE SANTOS DE JESUS (Federal University of Goiás, Institute of Biological Sciences, Graduate Program in Ecology and Evolution - GOIÂNIA - GO - Brasil), DIEGO ORTIZ DA SILVA (Federal University of Goiás, Institute of Biological Sciences, Graduate Program in Ecology and Evolution - GOIÂNIA - GO - Brasil), CÍNTIA PELEGRINETI TARGUETA (Federal University of Goiás, Institute of Biological Sciences, Genetics and Biodiversity Laboratory - GOIÂNIA - GO - Brasil), WALTER ROSA DA CONCEIÇÃO FILHO (Federal University of Goiás, Institute of Biological Sciences, Graduate Program in Ecology and Evolution - GOIÂNIA - GO - Brasil), JOÃO CARLOS NABOUT (State University of Goiás, Biogeography and Aquatic Ecology Laboratory - ANÁPOLIS - GO - Brasil), THANNYA SOARES NASCIMENTO (Federal University of Goiás, Institute of Biological Sciences, Graduate Program in Ecology and Evolution - GOIÂNIA - GO - Brasil)

## SS29 - Non-native taxa in freshwater ecosystems

Code	Titles	Authors
1456	Influence of the a priori effect on the establishment of two species of aquatic macrophytes	RAFAELA DOS SANTOS MACHADO (State University of Maringa - Maringá - PR - Brasil), Márcio José Silveira (State University of Minas Gerais - Ubá - MG - Brasil), Bruna Heloisa Moreira Parpinelli (State University of Maringa - Maringá - PR - Brasil), Sidinei Magela Thomaz (State University of Maringa - Maringá - PR - Brasil)
1670	Changes in the aquatic plant with São Francisco interbasin water transfer in the Paraíba River, Northeast Brazil	ENIO WOCYLI DANTAS (Universidade Estadual da Paraíba - João Pessoa - PB - Brasil), Gabriela Ramos Silva (Universidade Estadual da Paraíba - João Pessoa - PB - Brasil), Gabriel Viana Barbosa (Universidade Estadual da Paraíba - João Pessoa - PB - Brasil), Tarcísio Nascimento Dias (Universidade Estadual da Paraíba - João Pessoa - PB - Brasil), Amanda Lucena Coutinho (Universidade Estadual da Paraíba - João Pessoa - PB - Brasil)
1740	Potential distribution of two non-native zooplankton species in Brazil for different climate scenarios.	Pedro Henrique Menini Custodio (Federal University of Juiz de Fora - Juiz de Fora - MG - Brasil), THAIANE CANTARINO COSTA (Federal University of Juiz de Fora - Juiz de Fora - MG - Brasil), Gabriela Lima Façanha (Federal University of Juiz de Fora - Juiz de Fora - MG - Brasil), Karina Iara Cúgola do Espírito Santos (Federal University of Juiz de Fora - Juiz de Fora - MG - Brasil), Vitória Cristina Pompermayer de Mattos (Federal University of Juiz de Fora - Juiz de Fora - MG - Brasil), Simone Jaqueline Cardoso (Federal University of Juiz de Fora - Juiz de Fora - MG - Brasil)
1741	Influence of species invasion, seasonality, and connectivity on fish functional and taxonomic beta-diversity in a Neotropical floodplain	BARBARA ANGELIO QUIRINO (Universidade Estadual de Maringá/Nupélia/PEA - Maringá - PR - Brasil), MATHEUS HENRIQUE FERREIRA ALEIXO (Universidade Estadual de Maringá/Nupélia/PEA - Maringá - PR - Brasil), FERNANDA MOREIRA FLORÊNCIO (Universidade Estadual de Maringá/Nupélia/PEA - Maringá - PR - Brasil), FERNANDO MIRANDA LANSAC-TÔHA (Universidade Estadual de Maringá/Nupélia/PEA - Maringá - PR - Brasil), ROSEMARA FUGI (Universidade Estadual de Maringá/Nupélia/PEA - Maringá - PR - Brasil)



1904	Elements related to the physiology and invasiveness of the tropical tanner grass	ANDRE PADIAL, Leticia Siman Bora
2063	Black bloom, first report of an terrestrial fungi bloom in freshwater reservoir	JUSSARA ELIAS DE SOUZA, Gabriela Rocio SOsa Benegas, Rafaella Costa BONUGLI-SANTOS, Gilberto Benítez, Andrea Arrua

### SS31 - Scientific and societal challenges of macrophyte decline and recovery in inland waters

Code	Titles	Authors
1853	Massive Development of Aquatic Macrophytes (MADMACS): evaluation of the impact of removing macrophytes on structure, function, and ecosystem services	LUIZ GUILHERME DOS SANTOS RIBAS (Universidade Federal do Paraná - Curitiba - PR - Brasil), Elena Fukasawa Galvanese (Universidade Federal do Paraná - Curitiba - PR - Brasil), Susanne Schneider (Norwegian Institute for Water Research - Norway), Benoit Demars (Norwegian Institute for Water Research - Norway), Kirstine Thiemer (Norwegian Institute for Water Research - Norway), Jan Vermaat (Norwegian Institute for Life Sciences - Norway), Jan Köhler (Leibniz-Institute of Freshwater Ecology and Inland Fisheries - Germany), Sabine Hilt (Leibniz-Institute of Freshwater Ecology and Inland Fisheries - Germany), Tobias Goldhammer (Leibniz-Institute of Freshwater Ecology and Inland Fisheries - Germany), Gabrielle Thiébaud (University of Rennes UMR ECOBIO - France), Martin Hill (Rhodes University - South Africa), André Andrian Padial (Universidade Federal do Paraná - Curitiba - PR - Brasil)

### SS32 - Environmental education and outreach

Code	Titles	Authors
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1958	WETLANDS AND SMALL RIVERS: KNOWLEDGE LABORATORIES FOR THE DEVELOPMENT OF SCIENTIFIC TALENT IN BASIC EDUCATION	MARTHA CECILIA GOMEZ TOBAR
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### SS33 - Resilience Capacity (Adaptation And Transformation) Of Water Management And Governance Systems

Code	Titles	Authors
1527	WATER RESOURCES GOVERNANCE AS A MANAGEMENT INSTRUMENT IN CLIMATE VULNERABILITY REGIONS	SAMARA ZANELLA (Federal University of Paraná (UFPR) - Palotina - PR - Brasil), Yara Moretto (Federal University of Parana - Palotina - PR - Brasil)
1947	Examining disparate trajectories of social and environmental initiatives: Addressing inequality knowledge in climate resilience planning	ROSILENE LUCIANA DELARIVA, José Ricardo Pires Adelino, Bruno Henrique Costa Toledo, Tássia Juliane Malacarne, Louise Cristina Gomes, Fernanda de Oliveira Tavares, Aluana Ariane Schleder, Anielly Galego de Oliveira, Marina Reback Garcia, Yara Moretto

### SS36 - Eutrophic Waters Restoration by Biomanipulation of Aquatic Animals

Code	Titles	Authors
1939	Grazing manipulation based biotechnology for restoration of eutrophic waters	XIUFENG ZHANG, Chufu Tong, Vladimir Razlutskiy, Irina Feniova, Varos Petrosyan, María de los Ángeles González Sagrario, Erik Jeppesen, Lars G. Rudstam, Zhengwen Liu