



2nd International Conference on the Status and Future of the WORLD's LARGE RIVERS



Amazon



Murray-Darling



Congo



Yangtze



Mississippi



Danube



21.-25. July 2014,
Manaus, Amazon, Brazil

CONFERENCE PROGRAMME



Conference Topics

Topic I	Amazonia & South America
Topic II	Hydrology, Hydraulics & Water Quality
Topic III	Sediment Transport, Material Fluxes & River Morphology
Topic IV	Ecology & Restoration

Instructions for Presenters

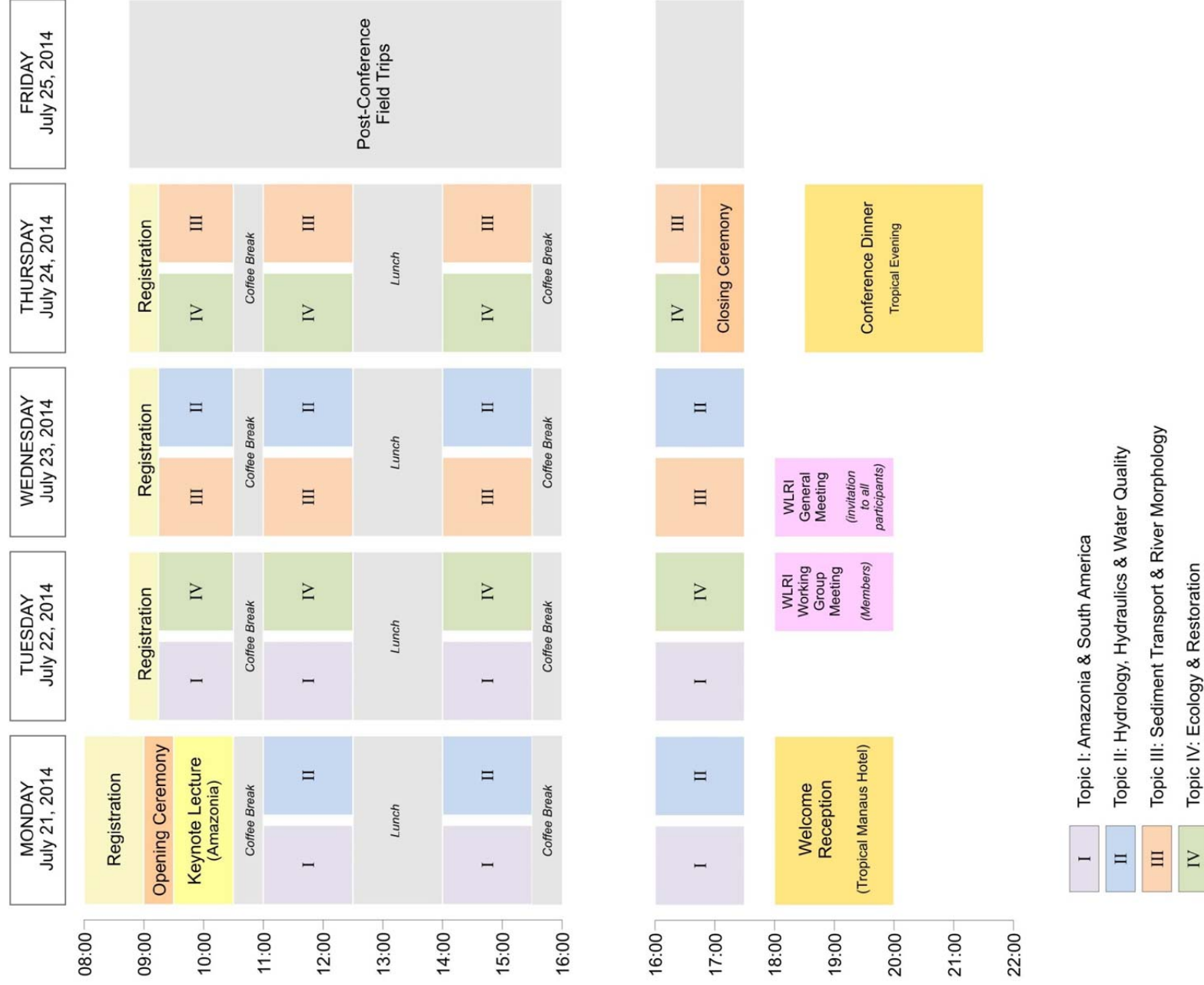
This conference features only oral presentations (no poster session). All presenting authors are kindly asked to transfer their presentation to the conference laptop **latest directly in the breaks before their session**. Participants will not be allowed to use their personal laptops to present their work. They are kindly requested to hand the CD-ROM, DVD or USB-Stick with their presentation to the conference assistant.

The preferred media for presentations is Microsoft Power Point or Adobe PDF (a template for Power Point Presentation will be provided on the conference's webpage). It is recommended that the presenters do not use any special compression codec for the animations. The conference computers will have Microsoft Office 2010 and the latest version of Adobe Acrobat Reader.

The duration of each oral presentation is **15 minutes** (including **3 minutes** for questions and discussion). If the presenter takes more than the scheduled time, the discussion time may be reduced or cancelled accordingly. Presenters should contact their session chairperson 10 minutes before the session.

Important Note: this detailed conference programme is preliminary. Minor changes regarding the presentation times may be possible.

Conference Programme Overview





Daily Conference Programme

Monday, July 21, 2014	
Registration (08:00 – 09:00, Foyer)	
Opening Ceremony (09:00 – 09:30, Salão Rio Solimões) Welcome speeches	
Keynote Lecture (09:30 – 10:30, Salão Rio Solimões) Hydrology and Morphology of the Amazon Basin <i>Filizola, N.</i>	
Coffee Break (10:30 – 11:00, Salão Rio Negro B)	
Oral Presentations I A "Amazonia & South America" (11:00 – 12:30, Salão Rio Solimões)	Oral Presentations II A "Hydrology, Hydraulics & Water Quality" (11:00 – 12:30, Salão Rio Negro A)
Lunch Break (12:30 – 14:00, Hotel Restaurant)	
Oral Presentations I B "Amazonia & South America" (14:00 – 15:30, Salão Rio Solimões)	Oral Presentations II B "Hydrology, Hydraulics & Water Quality" (14:00 – 15:30, Salão Rio Negro A)
Coffee Break (15:30 – 16:00, Salão Rio Negro B)	
Oral Presentations I C "Amazonia & South America" (16:00 – 17:30, Salão Rio Solimões)	Oral Presentations II C "Hydrology, Hydraulics & Water Quality" (16:00 – 17:30, Salão Rio Negro A)
Welcome Reception (18:00 – 21:00, Hotel Restaurant / Pool Bar)	



Daily Conference Programme

Tuesday, July 22, 2014	
Registration (08:45 – 09:15, Foyer)	
Oral Presentations I D "Amazonia & South America" (09:15 – 10:30, Salão Rio Solimões)	Oral Presentations IV A "Ecology & Restoration" (09:15 – 10:30, Salão Rio Negro A)
Coffee Break (10:30 – 11:00, Salão Rio Negro B)	
Oral Presentations I E "Amazonia & South America" (11:00 – 12:30, Salão Rio Solimões)	Oral Presentations IV B "Ecology & Restoration" (11:00 – 12:30, Salão Rio Negro A)
Lunch Break (12:30 – 14:00, Hotel Restaurant)	
Oral Presentations I F "Amazonia & South America" (14:00 – 15:30, Salão Rio Solimões)	Oral Presentations IV C "Ecology & Restoration" (14:00 – 15:30, Salão Rio Negro A)
Coffee Break (15:30 – 16:00, Salão Rio Negro B)	
Oral Presentations I G "Amazonia & South America" (16:00 – 17:30, Salão Rio Solimões)	Oral Presentations IV D "Ecology & Restoration" (16:00 – 17:30, Salão Rio Negro A)
World's Large Rivers Initiative Working Group Meeting only for members (18:00 – 20:00, Salão Rio Negro A)	



Daily Conference Programme

Wednesday, July 23, 2014	
Registration (08:45 – 09:15, Foyer)	
Oral Presentations III A “Sediment Transport & River Morphology” (09:15 – 10:30, Salão Rio Solimões)	Oral Presentations II D “Hydrology, Hydraulics & Water Quality” (09:15 – 10:30, Salão Rio Negro A)
Coffee Break (10:30 – 11:00, Salão Rio Negro B)	
Oral Presentations III B “Sediment Transport & River Morphology” (11:00 – 12:30, Salão Rio Solimões)	Oral Presentations II E “Hydrology, Hydraulics & Water Quality” (11:00 – 12:30, Salão Rio Negro A)
Lunch Break (12:30 – 14:00, Hotel Restaurant)	
Oral Presentations III C “Sediment Transport & River Morphology” (14:00 – 15:30, Salão Rio Solimões)	Oral Presentations II F “Hydrology, Hydraulics & Water Quality” (14:00 – 15:30, Salão Rio Negro A)
Coffee Break (15:30 – 16:00, Salão Rio Negro B)	
Oral Presentations III D “Sediment Transport & River Morphology” (16:00 – 17:30, Salão Rio Solimões)	Oral Presentations II G “Hydrology, Hydraulics & Water Quality” (16:00 – 17:30, Salão Rio Negro A)
World's Large Rivers Initiative General Meeting invitation to all conference participants to attend (18:00 – 20:00, Salão Rio Solimões)	



Daily Conference Programme

Thursday, July 24, 2014	
Registration (08:45 – 09:15, Foyer)	
Oral Presentations IV E “Ecology & Restoration” (09:15 – 10:30, Salão Rio Solimões)	Oral Presentations III E “Sediment Transport & River Morphology” (09:15 – 10:30, Salão Rio Negro A)
Coffee Break (10:30 – 11:00, Salão Rio Negro B)	
Oral Presentations IV F “Ecology & Restoration” (11:00 – 12:30, Salão Rio Solimões)	Oral Presentations III F “Sediment Transport & River Morphology” (11:00 – 12:30, Salão Rio Negro A)
Lunch Break (12:30 – 14:00, Hotel Restaurant)	
Oral Presentations IV G “Ecology & Restoration” (14:00 – 15:30, Salão Rio Solimões)	Oral Presentations III G “Sediment Transport & River Morphology” (14:00 – 15:30, Salão Rio Negro A)
Coffee Break (15:30 – 16:00, Salão Rio Negro B)	
Oral Presentations IV H “Ecology & Restoration” (16:00 – 16:45, Salão Rio Solimões)	Oral Presentations III H “Sediment Transport & River Morphology” (16:00 – 16:45, Salão Rio Negro A)
Closing Ceremony (16:45 – 17:30, Salão Rio Solimões) Speeches <ul style="list-style-type: none"> ▪ Filizola, N. (Local Organizing Committee Chairman) ▪ Habersack, H. (International Scientific Committee Chairman & Initiator) 	
Conference Dinner “Tropical Evening” (18:30 – 22:00, Hotel Restaurant)	



Oral Sessions, Monday, 21 July 2014

<p>Oral Presentations I A “Amazonia & South America” Amazon - Hydrological Modelling & Measurements</p> <p>(11:00 – 12:30, Salão Rio Solimões) Chaired by XXX</p>	<p>Oral Presentations II A “Hydrology, Hydraulics & Water Quality” Rainfall - Runoff (Basic Data & Trends)</p> <p>(11:00 – 12:30, Salão Rio Negro A) Chaired by XXX</p>
<p>Towards understanding of water pathways in the Amazon basin using hydrologic and hydrodynamic modeling</p> <p><i>Sorribas, M., Paiva, R., Collischonn, W., Bonnet, M.</i></p>	<p>Uncertainties in hydrological extremes projections: effects on the decision-making process</p> <p><i>Rodriguez, D., Garofolo, L., Siqueira Junior, J., Tomasella, J.</i></p>
<p>Errors of discharge measurements in Amazon basin large rivers</p> <p><i>Gamaro, P., Maldonado, L., Bastolla, V.</i></p>	<p>A new gridded rainfall dataset for Africa over the period 1940-1999</p> <p><i>Dieulin, C., Mahe, G., Ejjiyar, S., El Mansouri, B., Boyer, J.</i></p>
<p>Measurement and modelling of central Amazon Várzea floodplain hydrodynamics</p> <p><i>Wilson, M., Vega, M., Forsberg, B.</i></p>	<p>Discharge trends of Congo river and of its mains right bank tributaries : Oubangui and Sangha Rivers (Congo catchment)</p> <p><i>Laraque, A., Bellanger, M., Adele, G., Gulemvuga, G., Pandi, A., Moukandi, G., et al.</i></p>
<p>Combinação entre chuva estimada por satélite e pluviômetros para modelagem hidrológica sobre a bacia do Rio Tocantins - Amazonas</p> <p><i>Quiroz Jimenez, K., Collischonn, W.</i></p>	<p>Hydrological droughts in large Brazilian semiarid rivers</p> <p><i>de Araújo, J., Batista Lopes, J., Palmier, L., Bronstert, A.</i></p>
<p>Hydrodynamics modelling of Amazon floodplains</p> <p><i>Pinel, S., Silva, J., Bonnet, M., Fragosa, R., Sorribas, M., Motta Marques, D., Seyler, F., Calmant, S.</i></p>	<p>Management and use of three transboundary hydrometeorological networks</p> <p><i>Brachet, C., Jouve, D., Bricquet, J.</i></p>
<p>Global determination of rating curves in the Amazon Basin from satellite altimetry</p> <p><i>Paris, A., C. D. Paiva, R., Santos da Silva, J., Medeiros Moreira, D., Calmant, S., Collischonn, W., Bonnet, M., Seyler, F.</i></p>	<p>Rising river flows and glacial mass balance in central Karakoram</p> <p><i>Mukhopadhyay, B., Khan, A., Gautam, R.</i></p>



Oral Sessions, Monday, 21 July 2014

<p>Oral Presentations I B “Amazonia & South America” Amazon - River Morphology & Sediment Transport</p> <p>(14:00 – 15:30, Salão Rio Solimões) Chaired by XXX</p>	<p>Oral Presentations II B “Hydrology, Hydraulics & Water Quality” Variability of Hydrology</p> <p>(14:00 – 15:30, Salão Rio Negro A) Chaired by XXX</p>
<p>The fluid and sediment dynamics over dunes (Paraná River, Argentina)</p> <p><i>Latosinski, F., Szupiany, R., Amsler, M., Carlos, V., Marcelo, G.</i></p>	<p>Hydrology of the Rhine River - what we know from the past and what we foresee for the future</p> <p><i>Cullmann, J., Moser, H.</i></p>
<p>Imaging sediment transport over Amazon dunes</p> <p><i>Crave, A., Armijos, E., Smerdon, A., LeCoz, J., Camenen, B., Fraizy, P., Sampaio, P., Filizola, N.</i></p>	<p>Temporal variability of winter flow in the St. Lawrence River watershed</p> <p><i>Assani, A., Biron, S., Beauchamp, M., Landry, R.</i></p>
<p>Characterization of confluences of free meander trains at the upper Amazon basin</p> <p><i>Gutierrez, R., Choi, M., Abad, J., Montoro, H.</i></p>	<p>The current and future impact of water resources development on flows and livelihoods of the Mekong River</p> <p><i>Cochrane, T., Arias, M., Piman, T.</i></p>
<p>Petrographic and textural composition of modern clastic river sediments of the Amazon River system</p> <p><i>Elena, F.</i></p>	<p>Hydrologic and hydraulic variability on the lower Amazon floodplain</p> <p><i>Rudorff, C., Melack, J., Bates, P.</i></p>
<p>Neotectonics influences on riverbed and floodplain of the Amazon River (Brazil)</p> <p><i>Elena, F., Hailton, I.</i></p>	<p>Caspian Sea water balance analysis from past to future</p> <p><i>Touge, Y., Tanaka, K., Nakakita, E.</i></p>
<p>Watersheds management in the Colombian Amazon</p> <p><i>Jiménez, H.</i></p>	<p>Development of in-land water cycle model in Lake Victoria basin</p> <p><i>Asano, T., Tanaka, K., Tanaka, S.</i></p>



Oral Sessions, Monday, 21 July 2014

Oral Presentations I C "Amazonia & South America" Amazon - Environmental and integrated Management	Oral Presentations II C "Hydrology, Hydraulics & Water Quality" Human Uses (Hydropower, Navigation, Infrastructure)
(16:00 – 17:30, Salão Rio Solimões) Chaired by XXX	(16:00 – 17:30, Salão Rio Negro A) Chaired by XXX
The vulnerability of Amazon freshwater ecosystems <u>Castello, L.</u>	Changes in flooding pulses by reservoirs in two Amazonian watersheds <u>Marques, E., Barbosa, M., Doria, C., Lima, M.</u>
Amazonian large-river floodplains: knowledge and sustainable use <u>Piedade, M., Junk, W., Schöngart, J., Wittmann, F.</u>	Effects over Madeira River level during Santo Antonio Dam closure <u>Correa, A., Checchia, T., Bernini, H., Victorazzo, R.</u>
Assessing hydrophysical/environmental impacts by dams in the Amazon basin <u>Wight, C., Latrubesse, E.</u>	Toward the assessment of hydrokinetic energy in the Maroni River <u>Boutoucent, M., Grandchamp, E., Guillou, S., Goossens, X.</u>
Elevated CO ₂ and temperature affect an Amazonian aquatic macrophyte <u>Lopes, A., Castro, N., Pantoja, P., Ferreira, A., Piedade, M.</u>	Investigation of the capsizes of the inland navigation vessel Waldhof <u>Harlacher, D., Dettmann, T., Zentgraf, R.</u>
Who Owns the Rivers? Hydropower, indigenous peoples and the future of the Amazon <u>Athayde, S.</u>	Navigation safety assessment for water level regulation project downstream the Shuikou Dam on the Minjiang River in Fujian, China <u>Hu, X.</u>
Participatory social-environmental monitoring among the Juruna people impacted by the Belo Monte Dam in the big bend of Xingu River: challenges and opportunities <u>Athayde, S., Farias, R., Nascimento, H., Ferreira, I.</u>	Model tests of a strengthened bridge pier in the river Danube <u>Huber, B., Krouzecky, N.</u>



Oral Sessions, Tuesday, 22 July 2014

Oral Presentations I D "Amazonia & South America" Amazon - Water Quality, Hydrology & Hydraulics	Oral Presentations IV A "Ecology & Restoration" Ecosystem Services & Changes
(09:15 – 10:30, Salão Rio Solimões) Chaired by XXX	(09:15 – 10:30, Salão Rio Negro A) Chaired by XXX
Characterization of the dissolved load production on the Upper Amazon basins <u>Moquet, J., Crave, A., Viers, J., Armijos, E., Hidalgo, L., Lagane, C., Lavado, W., Pombosa, R., Noriega, L., Guyot, J.</u>	Ecosystem services of large European rivers: examples from Volga and Danube <u>Schletterer, M., Füreder, L., Kuzovlev, V., Zhenikov, Y., Grigorieva, I., Graf, W., Reindl, R., Hofer, B.</u>
Particulate and dissolved organic matter in streams of the Amazon <u>Paula, J., Luizão, F., Piedade, M.</u>	Identification of river ecosystems in term of comprehensive environmental factors in watersheds <u>Ni, J.</u>
Hydrocarbons and metals in sediments of the Black River in the border city of Manaus (AM - Brazil) <u>Lopes, A., Vieira, D., Rocha, S., Silva, L., Oliveira, T.</u>	River reach classification for the greater Mekong region at high spatial resolution <u>Ouellet Dallaire, C., Lehner, B.</u>
Friction changes due to bed forms and floodplain inundation effects on the water levels of Amazon River <u>Vinzon, S.</u>	Assessment of ecosystem health of the Yellow River with fish-index of biotic integrity <u>Li, T., Huang, X.</u>
ADP Sontek-M9 measurements at Óbidos streamflow gauging station <u>da Motta Paca, V., Medeiros Moreira, D., Eduardo Guerra de Castro Monteiro, A.</u>	Impacts of hydrological alterations to the Tonle Sap ecosystem of the Mekong River basin <u>Arias, M.</u>



Oral Sessions, Tuesday, 22 July 2014

Oral Presentations I E "Amazonia & South America" <i>Amazon - Water Quality and Carbon Fluxes</i>	Oral Presentations IV B "Ecology & Restoration" <i>Fish & Fishery</i>
(11:00 – 12:30, Salão Rio Solimões) Chaired by XXX	(11:00 – 12:30, Salão Rio Negro A) Chaired by XXX
Geochemical behavior of particle-reactive trace elements in the Amazon River <i>Merschel, G., Bau, M., Dantas, E.</i>	Drives of fish migratory strategies in large temperate rivers of the southern hemisphere <i>Górski, K., Habit, E., Manosalva, A.</i>
Wetlands as a large carbon source for the Amazon River <i>Abril, G., Martinez, J., Artigas, L., Moreira-Turcq, P., Benedetti, M., Vidal, L., Meziane, T., Kim, J., Bernardes, M., Deborde, J.</i>	Spatio-temporal habitat preference and fish behavior in the micro-hydraulic environment of a large river in Chile <i>Habit, E., Link, O., Górski, K.</i>
Inundation and gas exchange in Amazon lakes and wetlands <i>Melack, J., Forsberg, B., MacIntyre, S., Hess, L., Amaral, J., Tota, J.</i>	Transboundary trends: tracking fish populations throughout the Mekong catchment <i>Patricio, H., Demko, D., Ainsley, S., Ounboundisane, S., Andersen, M., Hewitt, D., Beeman, J.</i>
CO ₂ dynamics in Amazonian rivers and floodplain lakes <i>Amaral, J., Scofield, V., Barbosa, P., Kasper, D., Melack, J., Farjalla, V., Forsberg, B.</i>	Hydrological influences on fishery yields in Amazon river-floodplains <i>Castello, L., Isaac, V., Coe, M.</i>
Comparison between methane diffusive fluxes of Amazonian rivers and lakes <i>Barbosa, P., Farjalla, V., Forsberg, B., Figueiredo-Barros, M.</i>	Community based co-management approaches adopted in the three large wetlands in Bangladesh <i>Md Golam, M., Syed Azad, A.</i>
Spatio-temporal patterns of CO ₂ emissions from aquatic ecosystems in Negro River basin <i>Scofield, V., Barbosa, P., Amaral, J., Farjalla, V., Forsberg, B., Melack, J.</i>	Predicting the state of fish resources in the lower Danube region <i>Lenhardt, M., Kalauzi, A., Smederevac-Lalic, M., Navodaru, I., Regner, S.</i>



Oral Sessions, Tuesday, 22 July 2014

Oral Presentations I F "Amazonia & South America" <i>South American Rivers - River Morphology & Sediment Transport</i>	Oral Presentations IV C "Ecology & Restoration" <i>Impacts on Ecology</i>
(14:00 – 15:30, Salão Rio Solimões) Chaired by XXX	(14:00 – 15:30, Salão Rio Negro A) Chaired by XXX
Anabranching patterns in large rivers: what do South American rivers tell us? <i>Latrubesse, E.</i>	Modelling freshwater turtle oviposition plasticity facing different hydrological regimes <i>Véliz, C., Van Langevelde, F.</i>
Temporal frequency balance and classification of meandering channels <i>Gutierrez, R., Abad, J.</i>	Dry/wet seasonal variation in zooplankton from the Parnaíba River <i>Medeiros, E., Lucena, L., Arthington, A.</i>
Dinamica de meandros en los rios de la cuenca del Ucumara <i>Quintana Cobo, I., Moreira-Turcq, P., Crave, A., Aniceto, K., Campello, R.</i>	Impact of invasive plants on ecosystems of the lower Volga valley <i>Klinkova, G., Górski, K., Taranov, N.</i>
Contemporary floodplains sedimentation of the lower Orinoco <i>Rodríguez, M., Steiger, J., Rosales, J., Laraque, A., López, J., Castellanos, B.</i>	Impact of tributaries on distribution of macrozoobenthos in river Narmada <i>Kumar, A., Vyas, V.</i>
Spatial patterns of floodplain sediment texture at the lower Orinoco <i>Steiger, J., Peiry, J., Rodríguez, M., Rosales, J., López, J., Laraque, A., Castellanos, B., Casado, A.</i>	The anthropogenic pollution of water resources and the measures of mitigation or prevention of its consequences <i>Hakopian, C.</i>



Oral Sessions, Tuesday, 22 July 2014

Oral Presentations I G "Amazonia & South America" South American Rivers - Environmental and integrated Management	Oral Presentations IV D "Ecology & Restoration" Ecology and Human Uses (Hydropower, Dams)
(16:00 – 17:30, Salão Rio Solimões) Chaired by XXX	(16:00 – 17:30, Salão Rio Negro A) Chaired by XXX
Magdalena River basin: working together towards an integrated river basin management <u>Gomez, R.</u>	How hydropower dam building will change the global map <u>Zarfl, C., Lumsdon, A., Berlekamp, J., Tydecks, L., Tockner, K.</u>
Monitoring of sediment river discharge from space <u>Martinez, J., Filizola, N., De Oliveira, E., Roig, H., Espinoza Villar, R., Cochonneau, G.</u>	Flow regulation and river fragmentation in large basins due to global dam development <u>Lehner, B., Grill, G.</u>
How a large river confluence affects the energy generation of Brazil <u>Gamaro, P., Maldonado, L., Bastolla, V.</u>	Guiding principles on sustainable hydropower development in the Danube basin <u>Mair, R.</u>
Brazilian wetland forests: species richness and distribution patterns at local and regional scales <u>Wittmann, F., Marques, M., Junk, W., Parolin, P., Householder, J., Piedade, M.</u>	Modelling fluctuating turbidity due to hydropeaking operations <u>Holzapfel, P., Hauer, C., Habersack, H.</u>
Biological monitoring for industrial activity in the lower Uruguay River <u>Dabezies, M., Boccardi, L., Ferrari, G., Clemente, J., Useta, G., Saizar, C.</u>	Fish fauna and hydropower development in the Magdalena River (Colombia) <u>Jiménez-Segura, L., López-Casas, S., Moreno, C., Delgado, J.</u>
The Atrato River as an axis of economic development in Colombia <u>Mosselman, E., Márquez, L., Klinger, W., Montes, A., Prado, D., Jiménez, J.</u>	Base flow variation in the Yanhe River due to the change of vegetation coverage <u>Han, P., Yao, J., Li, T.</u>



Oral Sessions, Wednesday, 23 July 2014

Oral Presentations III A "Sediment Transport & River Morphology" Integrated Management in regard to Sediment Transport and Morphology	Oral Presentations II D "Hydrology, Hydraulics & Water Quality" Hydrological Assessment of Large Rivers
(09:15 – 10:30, Salão Rio Solimões) Chaired by XXX	(09:15 – 10:30, Salão Rio Negro A) Chaired by XXX
Erosion and sedimentation at the lower Danube River and the implications of counter measures for economic use and ecosystem <u>Habersack, H., Gmeiner, P., Glock, K., Tritthart, M.</u>	The Global Runoff Data Center (GRDC) <u>Looser, U., Dornblut, I.</u>
Sediment management on the river Rhine <u>Weichert, R.</u>	Projection of future change in world water resources <u>Tanaka, K., Katsuki, S., Goto, Y., Tanaka, S.</u>
Assessment of geomorphic impacts of riparian vegetation removal on the Colorado River <u>Richard, G.</u>	Improving river discharge simulations using high-resolution topography and hydrogeology informations <u>Schneider, A., Ducharme, A., Jost, A., Silvestre, M., Guimberteau, M., Polcher, J.</u>
Transdisciplinary science for promoting connectivity of the transboundary Tisza River <u>McClain, S., Guida, R., Cherry, W., Marshall, A., Marler, H., Paul, J., Swanson, T., Pinter, N.</u>	Mekong-HYCOS, an improvement of monitoring the Mekong River <u>Bricquet, J., Khem, S., Seebacher, F.</u>
Closure of Mekong Delta branches optimised for morphology and salinity <u>Sloff, K., Tromp, R.</u>	The influence of bedrock in controlling river form on the Olifants River, South Africa <u>Entwistle, N., Heritage, G., Tooth, S., Milan, D.</u>



Oral Sessions, Wednesday, 23 July 2014

Oral Presentations III B "Sediment Transport & River Morphology" <i>Transport Processes (Sediment & Ice)</i>	Oral Presentations II E "Hydrology, Hydraulics & Water Quality" <i>Hydrological Assessment of Large Rivers</i>
(11:00 – 12:30, Salão Rio Solimões) Chaired by XXX	(11:00 – 12:30, Salão Rio Negro A) Chaired by XXX
Increasing trends in sediment load in the Magdalena River, Colombia (1972-2011): Anthropogenic and climate induced causes <u>Restrepo Angel, J.</u>	How large is upper Indus basin? Pitfalls of auto-delineation <u>Khan, A.</u>
Flux measurements in the Mekong River during the monsoon season <u>Dramais, G., Moore, S., Dussouillez, P., Le Coz, J., Camenen, B., Peteuil, C., Fretaud, T.</u>	Amur River ice regime <u>Kim, V., Makhinov, A., Sergei, S.</u>
Using dunes displacement method to estimate bed load in Paraná River <u>Gamaro, P., Maldonado, L., Bastolla, V.</u>	Nature formation status of the Amazon River and the Ob River <u>Asabina, E.</u>
Specific sediment related problems in the Danube River basin <u>Kristelly, C., Vigiak, O., Habersack, H.</u>	Climate change and Pangong re-connection with upper Indus basin <u>Khan, A.</u>
Sedimentary fluxes features of Congo river, downstream of Stanley Pool - Congo <u>Moukandi, G., Laraque, A., Bayon, G.</u>	Sensitivity of hydrological alteration classification to data period selection <u>Nascimento, G., Chaves, M., Souza, C., Santos, C.</u>
Determination of sediment transport in Balsas River <u>Cardoso-Landa, G.</u>	Disturbance of activities over Sangha River, impact of hydrological deficit in its basin at Ouessou, Rep. of Congo <u>Gapia, M., Nguimalet, C., Tsalefac, M.</u>



Oral Sessions, Wednesday, 23 July 2014

Oral Presentations III C "Sediment Transport & River Morphology" <i>Suspended Sediments</i>	Oral Presentations II F "Hydrology, Hydraulics & Water Quality" <i>Water Quality</i>
(14:00 – 15:30, Salão Rio Solimões) Chaired by XXX	(14:00 – 15:30, Salão Rio Negro A) Chaired by XXX
Acoustic measurement of bimodal suspended sediment in the Amazon River <u>Le Coz, J., Armijos, E., Moore, S., Launay, M., Filizola, N., Crave, A., Camenen, B., Martinez, J., Fraizy, P., Guyot, J.</u>	High-technology metals as emerging microcontaminants in the Rhine River, Germany <u>Bau, M., Kulaksiz, S., Merschel, G.</u>
What sediment grain size reveals about suspended-sediment transport in the Colorado River in Grand Canyon <u>Rubin, D., Topping, D., Grams, P., Tusso, R., Schmidt, J., Buscombe, D., Melis, T., Wright, S.</u>	The organic matter biogeochemistry of the Congo River <u>Spencer, R., Hernes, P., Stubbins, A., Wabakanghanzi, J., Six, J.</u>
Total suspended solid's measured by satellite on the Maroni River (French Guyana) <u>Gallay, M., Martinez, J., Laraque, A., Vantrepotte, V., Gardel, A., Adèle, G., Doudou, J., Gérard, C.</u>	Parana River delta: relevance of hydrological changes on water quality <u>Puig, A., Olguín Salinas, H., Borús, J.</u>
An overlooked organic matter source in eroding catchments: vegetation litter <u>Garzon-Garcia, A., Bunn, S., Olley, J., Lacey, P.</u>	Long-term water quality assessment in the Biobío River, Chile (1990-2014) <u>Parra, O., Figueroa, R., Valdovinos, C., Habit, E., Stehr, A., Zaror, C., Karrasch, B., Ortiz-Sandoval, J.</u>
Suspended sediment consistency data for Madeira River at Porto Velho <u>Carvalho, N., Mesquita, J., Marques, F., Strasser, M.</u>	The export of dissolved black carbon from the Congo River <u>Stubbins, A., Spencer, R., Niggemann, J., Six, J., Wabakanghanzi, J., Dittmar, T.</u>
Accompanying monitoring: enabling adaptive planning and construction during a river restoration project at the Danube <u>Gmeiner, P., Liedermann, M., Pessenlehner, S., Tritthart, M., Habersack, H.</u>	Nutrient transport and deposition in the Mekong inundation area <u>Kazama, S., Sahoo, G., Amano, A., Schladow, G.</u>



Oral Sessions, Wednesday, 23 July 2014

Oral Presentations III D "Sediment Transport & River Morphology" <i>Suspended Sediments, Carbon</i>	Oral Presentations II G "Hydrology, Hydraulics & Water Quality" <i>Integrated Management</i>
(16:00 – 17:30, Salão Rio Solimões) Chaired by XXX	(16:00 – 17:30, Salão Rio Negro A) Chaired by XXX
Tidal amplification in Yangtze River - Effect of fine sediments <i>Winterwerp, H., Jiang, B., Wang, Z., Tao, J.</i>	Linking science and policy in large river basins – a global perspective <i>Schmeier, S.</i>
Integrated research on sediment transport at the Danube River in Austria and Hungary - SEDDON <i>Haimann, M., Baranya, S., Józsa, J., Riegler, A., Habersack, H.</i>	Floodplain evaluation using the FEM-method at Mur River in Austria <i>Haspel, D., Schober, B., Habersack, H.</i>
In-situ suspended sediment measurements in river Danube based on laser-diffraction <i>Haun, S., Baranya, S., Rütger, N., Guerrero, M.</i>	Floodplain losses and increasing flood risk <i>Schober, B., Haspel, D., Habersack, H.</i>
Climate warming effects on carbon export by the Yukon River <i>Striegl, R.</i>	Will climate change impact water resources development in Nepal? <i>Bharati, L., Gurung, P., Smakhtin, V., Jayakody, P.</i>
Temporal variability and spatial distribution of suspended matter and organic carbon pool in the Zambezi River <i>Teodoru, C., Bouillon, S., Borges, A., Darchambeau, F.</i>	Analysis of ten-year return period streamflow in West African watersheds <i>Nka Nnomo, B., Oudin, L., Paturel, J., Karambiri, H., Ribstein, P.</i>
Long term controls on river form on the Olifants River, South Africa <i>Heritage, G., Entwistle, N., Milan, D., Tooth, S.</i>	Analysis of ten-year return period streamflow in West African watersheds <i>Gado Djibo, A., Seidou, O., Ketvara, S.</i>



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Oral Presentations IV E "Ecology & Restoration" <i>Restoration</i>	Oral Presentations III E "Sediment Transport & River Morphology" <i>Basic Data & Modelling</i>
(09:15 – 10:30, Salão Rio Solimões) Chaired by XXX	(09:15 – 10:30, Salão Rio Negro A) Chaired by XXX
Guiding large river management using retro- and scenario-modelling <i>Remo, J., Guida, R.</i>	Fluxes and fates of world major rivers to the sea: their biogeochemical implications <i>Liu, P.</i>
Progress in recovering threatened fishes of the Murray-Darling basin, Australia <i>Lintermans, M.</i>	A simple model to estimate sand transport in large rivers <i>Camenen, B., Armijos, E., Peteuil, C., Fretaud, T., Dramais, G., Dussouillez, P., Moore, S., Filizola, N., Crave, A., Martinez, J.</i>
Challenges for fish pass solutions in large, multi-species rivers <i>Schmutz, S., Mielach, C.</i>	Innovative methods of monitoring at large rivers and their application to the Austrian Danube <i>Liedermann, M., Tritthart, M., Gmeiner, P., Hauer, C., Haimann, M., Habersack, H.</i>
Rehabilitation potential of the Drava floodplain in Hungary <i>Lóczy, D., Czigány, S., Pirkhoffer, E., Dezső, J.</i>	Flow structure, bed morphology and sediment transport in a large meandering river <i>Dominguez Ruben, L., Szupiany, R., Abad, J., Ramonell, C., Farias, D.</i>
	Spatiotemporal trends in fluid density at confluences of large rivers <i>Cohen, S., Syvitski, J., Best, J.</i>



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Oral Presentations IV F "Ecology & Restoration" Restoration	Oral Presentations III F "Sediment Transport & River Morphology" Modelling
(11:00 – 12:30, Salão Rio Solimões) Chaired by XXX	(11:00 – 12:30, Salão Rio Negro A) Chaired by XXX
Ecological connectivity at German waterways - a challenge in multiple used rivers <i>Weichert, R., Scholten, M.</i>	Application of numerical models in reservoir sediment management <i>Bui, M., Rutschmann, P.</i>
Ecological prioritisation approach for continuity restoration in the Danube catchment <i>Mielach, C., Schmutz, S., Trautwein, C., Mair, R.</i>	Improving hydro-, morpho-, bio-dynamic modeling of a river cross-section <i>Nones, M., Di Silvio, G.</i>
Perspectives for river conservation and restoration - a pan-alpine overview <i>Muhar, S., Schinegger, R., Fleck, S., Schülting, L., Poppe, M., Jungwirth, M., Schmutz, S.</i>	Morphological reaction of a schematic river analyzed with a zero-dimensional, two grain-size, two-reach model <i>Franzoia, M., Di Silvio, G.</i>
Alpine riverscape connectivity - implication for biodiversity and conservation <i>Füreder, L., Bou-Vinals, A., Weinländer, M.</i>	Groyne layout impact on hydrodynamics and morphodynamics at the Danube River <i>Tritthart, M., Glas, M., Liedermann, M., Habersack, H.</i>
Responses of coastal macrobenthos to the reclamations and implications on coastal wetland management <i>Li, S., Cui, B., Xie, T.</i>	Hydromorphological evaluation of the use of groins into waterways <i>Tomas, G., Bleninger, T.</i>
The responses of construction and distribution of deltaic wetland seed bank on the pressure of erosion and reclamation <i>Xie, T., Cui, B., Li, S.</i>	The investigation of effective factors in bed changes of Aras River (from Milmoghan dam to boundary point) <i>Rahimi, M., Yamani, M., Veysi, A.</i>



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Oral Presentations IV G "Ecology & Restoration" Floodplain Ecology	Oral Presentations III G "Sediment Transport & River Morphology" Morphology
(14:00 – 15:30, Salão Rio Solimões) Chaired by XXX	(14:00 – 15:30, Salão Rio Negro A) Chaired by XXX
Importance of floodplain subsidies to food webs in tropical rivers <i>Bunn, S., Adame, F., Douglas, M., Jardine, T., Pettit, N., Valdez, D., Villamarin, F., Ward, D.</i>	The Rhone River: from large scale geomorphic understanding to sustainable management (channel forms and sediment processes) <i>Piegay, H., Radakovitch, O., Fantino, G.</i>
Flooding and upland disturbance drive species richness in large river floodplains <i>Arias, M., Cochrane, T., Parolin, P., Wittmann, F.</i>	The Rhone River (France) today: grainsize, channel geometry, transport capacity, and long profiles in response to a century and a half of human modifications <i>Parrot, E., Tal, M., Piegay, H.</i>
Evaluation of human impact on floodplains of large rivers in Hungary <i>Lóczy, D., Gyenizse, P.</i>	The operational mechanisms of anabranching river systems; Case of the middle and lower Yangtze River <i>Huang, H., Liu, X., Nanson, G., Fan, B., Liu, T., Deng, C.</i>
Functional characteristics of central Amazonian floodplain tree species of different successional stages <i>Castro, D., Piedade, M., Wittmann, F.</i>	Morphological change in the upper Brisbane River, Australia <i>McMahon, J., Curwen, G., Olley, J., Brooks, A., Rose, C., Spencer, J.</i>
Effects of the 2011 flood on Missouri River floodplain forests <i>Dixon, M., Merkord, C., Boever, C., Albers, V., Scott, M., Johnson, C., Malloy, T.</i>	Riverbed processes on the Amur and Yangtze Rivers and their negative effects <i>Makhinov, A., Liu, S., Kim, V., Makhinova, A.</i>
Plant phenology and fruit-frugivore interactions in flooded and unflooded forests <i>Hawes, J., Peres, C.</i>	Limpopo River flood risk through past analysis and geomorphological approach <i>Spaliviero, M., De Dapper, M.</i>



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Oral Presentations IV H "Ecology & Restoration" Integrated Management (16:00 – 17:30, Salão Rio Solimões) Chaired by XXX	Oral Presentations III H "Sediment Transport & River Morphology" Floodplain Sedimentation (16:00 – 17:30, Salão Rio Negro A) Chaired by XXX
Assessing and predicting the good hydromorphological and ecological potential of federal waterways - development of a methodological framework <i>Cron, N., <u>Quick, L.</u>, Zumbroich, T.</i>	Sediment deposition in Rhone River dike fields: patterns and controls <i><u>Räpple, B.</u>, Piégay, H., Džubáková, K., Franquet, E., Ondruch, J.</i>
Including environmental flow requirements in large river basin <i><u>Pastor, A.</u></i>	Historical deposition of fine sediments in the Viennese Danube floodplain <i><u>Hohensinner, S.</u></i>
	Problems related to management decisions on the Mississippi River floodplain, examples from Louisiana <i><u>Kesel, R.</u>, McGraw, M., Yodis, E.</i>