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Tentative Conference Sessions (per 18 January 2015)

At this stage only oral presentations are grouped into the sessions.
The poster presentations will also be grouped into these sessions,
this wil be done by end February 2015. Thank you for your patience.

The following conference sessions are planned:

[S1] Interactions between surface water, hyporheic zone, groundwater and unsaturated soil zone
[S2] Interaction between plants, surface- and groundwater
[S4] Modelling interactions between hydrological and biological processes
[S5] Hydroecological tools for the assessment of aquatic and terrestrial ecosystem functions
[S6] Transferring hydroecological process knowledge across spatial and temporal scales
[S7] Ecosystem services: What do we know and what do we need?
A cross-cutting theme for engineers, hydrologists, ecologists, land managers and economists
[S8] Novel monitoring techniques and analytical approaches in hydroecology (including benefits from remote sensing and isotope analysis)
[S9] Modelling and forecasting ecosystem responses to global change (land use changes, climate change)
[S11] Hydroecological processes and nutrient flows in wetlands (bogs, fens, mires, swamps, flood plains, etc.)
[S12] Engineering measures for ecosystem preservation and restoration
[S13] Urban hydroecology: objectives, tools and experiences
[S14] Hydroecological processes in semi-arid regions

Abstracts accepted for ORAL PRESENTATION

The green marked orals are submitted by members of Scientific Advisory Committee

[S1] Interactions between surface water, hyporheic zone, groundwater and unsaturated soil zone

17	Parsons	Roger	ZA	Interactions between surface water, vegetation, the hyporheic zone and groundwater at Groenvlei, a shallow lacustrine wetland in the southern Cape, South Africa

22	Arnon	Shai	IL	The effect of losing and gaining flow conditions on nutrient cycling
64	McDonald	Karlie	UK	Quantifying the importance of biogeochemical hotspots on streambed nitrogen cycling in a lowland river.
78	Römer	Marius	DE	A multi-parameter approach to assess stressors of a local groundwater ecosystem
92	Zarnetske	Jay	US	A Mechanistic Explanation for the Development of Hyporheic Anoxic Microzones
98	Krause	Stefan	UK	Unraveling the Drivers of Spatial and Temporal Variability in Biogeochemical Cycling at Aquifer-River Interfaces - The LEVERHULME Hyporheic Zone Research Network
113	Adar	Eilon	IL	Identifying and quantifying the hidden sources of recharge and pollutants that deteriorate the water ecology along the lower Jordan River
140	McKnight	Diane	US	Transport of microbial mat biomass and hyporheic storage in glacial meltwater streams in the McMurdo Dry Valleys, Antarctica
153	Kurz	Marie	DE	Spatial and Temporal Dynamics of Hyporheic Respiration Under Variable Discharge Conditions
164	Harvey	Ronald	US	Transport of microorganisms through the groundwater/surface-water interface of a Cape Cod, Massachusetts, kettle pond into a drinking-water aquifer.
187	Leith	Fraser	SE	Carbon dioxide transport across the hillslope-riparian-stream continuum in a boreal headwater catchment
230	Sinreich	Michael	CH	Faunistic assemblages indicate surface water influence and vulnerability of hard rock aquifers

[S2] Interaction between plants, surface- and groundwater

28	Froend	Ray	AU	Defining alternative states of phreatophytic vegetation and assessing vulnerability to water table drawdown.
51	Piniewski	Mikolaj	PL	Quantifying responses of biota to floods and droughts in Europe: A systematic review from a hydrological perspective
67	Kubin	Eero	FI	EFFECTS OF INTENSIVE FOREST HARVESTING ON WATER PHENOMENA IN THE BOREAL ENVIRONMENT
71	Jansen	André	NL	Hydro-ecology of a drift sand landscape
139	Somorowska	Urszula	PL	Interactions between vegetation and subsurface water storage: signals of drought propagation
141	Wawrzyniak	Vincent	FR	Modelling the effects of riparian vegetation and groundwater inputs on river temperature

[S4] Modelling interactions between hydrological and biological processes

5	Ouellet	Valerie	CA	ST. LAWRENCE RIVER 2D WATER TEMPERATURE MODEL AND ITS APPLICATION TO A FISH HABITAT STUDY.
13	Hermanowicz	Slav	US	Ecosystem restoration of Colorado River: Evidence from systems theory
37	Mizuno	Akiko	JP	Mechanisms of nutrients enclosure inside microbial mat in Antarctic oligotrophic lakes by combination approach of observation data and theoretical study
45	Mo	Xingguo	CN	Responses of ET and GPP to climate variability and management over the North China Plain
88	Garner	Grace	UK	The Role of Riparian Vegetation Density, Channel Orientation and Water Velocity in Determining River Water Temperature Dynamics
100	Aubeneau	Antoine	US	Influence of substrate size and biofilm growth on anomalous solute transport in experimental streams
134	Masese	Frank	KE	Large herbivores as vectors of terrestrial subsidies for riverine food webs
162	Zalewski	Maciej	PL	Ecohydrology - the scientific framework for the use of the water/biota interplay for mitigation of intermediate and diffuse impacts at the freshwater ecosystems
183	Zhang	Mingfang	CN	How hydrological responses to forest disturbances vary along climatic gradient in large snow-dominated watersheds?

[S5] Hydroecological tools for the assessment of aquatic and terrestrial ecosystem functions

18	Johnson	Billy	US	Advances in the Modeling of Riparian Vegetation
21	Stevens	Lawrence	US	Springs ecosystem inventory, assessment, and systematic information management: A global approach
46	Litus	Kristina	RU	Interrelationships Among Water Quality and Aquatic Macrophytes for Selected Protected Lakes of South Ural
116	Rushworth	Gary	UK	Assessment of the impact of reedswamp loss upon key ecological processes within lakes using aquatic macroinvertebrates
118	Laize	Cedric	UK	Predicting physical habitat sensitivity to abstraction
200	Kiedrzyńska	Edyta	PL	A catchment analysis of the impact of anthropogenic nutrient and dioxin pollution on river water quality

[S6] Transferring hydroecological process knowledge across spatial and temporal scales

35	Nakayama	Tadanobu	JP	Development of multi-scaled eco-hydrology model toward improvement in biogeochemical cycles in aquatic ecosystem
53	Hoyle	Jo	NZ	Integrating understanding of hydrology, geomorphology and ecology to better predict periphyton abundance in New Zealand rivers
76	Beaufort	Aurélien	FR	Comparison of two approaches to account for riparian shading in order to simulate river temperature at a regional scale: Case of the Loire basin (France)
90	McDowell	William	US	Aquatic sensor networks: Is there regional coherence in the response of stream chemistry to seasonal and hydrologic drivers?
96	Burt	Tim	UK	The value of long water quality records for research in catchment hydrology
117	Magnuszewski	Artur	PL	Hydrological control of the eutrophication at Sulejów Reservoir, Poland
120	Tagashira	Naoki	JP	Quantification on the calculation procedure for a new landscape index “plant community cluster” for riparian vegetation management
136	Grygoruk	Mateusz	PL	Understanding evapotranspiration of wetlands: from vegetation patch to the catchment scale facing environmental change
177	peiffer	stefan	DE	A novel framework to assess vulnerability of aquatic systems to biogeochemical disturbances
181	Bishop	Kevin	SE	Potential for long-term transfer of DOC from riparian zones to streams in boreal catchments
189	Křeček	Josef	CZ	Dendroclimatology in a mountain catchment: possibilities and limits

[S7] Ecosystem services: What do we know and what do we need?
A cross-cutting theme for engineers, hydrologists, ecologists, land managers and economists

66	Breil	Pascal	FR	INTEGRATED FLOOD MANAGEMENT APPROACH TO COMBINE URBAN GENERATED FLOODS AND ECOSYSTEM SERVICES PRESERVATION.
81	Griebler	Christian	DE	Groundwater ecosystem services
138	Okruszko	Tomasz	PL	Conservation of anabranching river system of Narew National Park
145	Guyot	Adrien	AU	Coastal wetland energy and water balances for a better understanding of ecohydrological processes: a case study in a sensitive socio-economic context in Australia
150	Okruszko	Tomasz (and Patrick Meire, Belgium)	PL	Can incorporation of the concept of ecosystem services change management priorities in a large wetland? (presented by Patrick Meire)
186	Nakagoshi	Nobukazu	JP	Ecosystem Services of a Created Wetland in Japan

196	Kertész	Ádám	HU	The effect of soil erosion on ecosystem services, with examples of Lake Balaton subcatchments
197	Witte	Jan-Philip	NL	Combining historical evidence and ecohydrological processes to harvest and store fresh groundwater in the Netherlands
207	Hack	Jochen	DE	Taking advantage of spatial interdependencies between providers and beneficiaries of ecosystem services in Integrated Water Resources Management

[S8] Novel monitoring techniques and analytical approaches in hydroecology (including benefits from remote sensing and isotope analysis)

57	Fluet-Chouinard	Etienne	US	ASSESSMENT OF LATERAL WETLAND CONNECTIVITY OF LARGE RIVERS WITH MONTHLY GLOBAL INUNDATION MAPS
75	lalot	eric	FR	Airborne thermal infrared imaging to characterize spatial pattern in water temperature of rivers influenced by vegetation, morphological changes and groundwater
89	Kakouei	Karan	DE	A German-wide analysis to determine and quantify hydrological traits of benthic invertebrates
107	Larsson	Matz	SE	A multisensory approach to schooling behavior
124	Fawcett	Jon	AU	Developing spring typologies (linking hydrogeological setting to ecosystem types) to improve monitoring approaches for springs in the Surat CMA, eastern Australia.
159	Loiselle	Steven	UK	FreshWater Watch: Citizen Scientists contributing to understanding the hydroecological processes
168	Fleckenstein	Jan	DE	Combining high frequency monitoring and numerical modelling to unravel DOC export dynamics in small-catchments
191	Tockner	Klement	DE	Real-time hydroecology

[S9] Modelling and forecasting ecosystem responses to global change (land use changes, climate change)

32	Asaeda	Takashi	JP	Does sedimentation or erosion trigger river forestation? A numerical modeling approach
33	House	Andrew	UK	Modelling the hydroecological implications of climate change for a lowland UK wetland
36	Houghton-Carr	Helen	UK	A modelling tool for large-scale assessment of future changes in environmental flows
59	Stratford	Danial	AU	A hydroecological assessment of water resource development in a data poor basin in South Asia
65	ITO	Yuji	JP	Thermal responses to regional changes in climate and water clarity in Lake Ikeda, Japan

69	Deng	Xiangzheng	CN	Identifications of both water scarcity and solutions for adapting to climate changes in the Heihe River Basin of China
91	Herr	Cécile	BE	Assessing the vulnerability of ecosystems to groundwater drought due to land use and climate changes in Belgium
111	Creed	Irena	CA	Climate change effects on catchment variable redox areas create conditions for the promotion of toxic algal blooms
122	Watts	Robyn	AU	2-D hydraulic models help predict ecosystem responses to in-channel environmental flows
128	Strandmark	Alma	SE	Climate change effects on the Baltic Sea borderland between land and sea: an overseen issue
142	Creed	Irena (and Ann-Kristin Bergstrom, Sweden)	CA	Fifty shades of Dissolved Organic Matter (DOM): Global change-driven effects on stoichiometry of DOM and implications for aquatic food webs (presented by Ann-Kristin Bergstrom, Sweden)
156	Wallace	Jim	AU	Potential impacts of climate change and irrigation development on fish refugia in the ephemeral rivers of Northern Australia.
169	Abbott	Benjamin	FR	Patterns and persistence of hydrologic carbon and nutrient export from collapsing permafrost

[S11] Hydroecological processes and nutrient flows in wetlands (bogs, fens, mires, swamps, flood plains, etc.)

19	Farr	Gareth	UK	A combined assessment of atmospheric and terrestrial nutrient pressure at groundwater dependent terrestrial ecosystems in England and Wales (UK)
38	Welti	Nina	FI	Nutrient flux hot spots resulting from subsurface mixing zones in a subtropical estuarine wetland
60	Osman	Hisham	IE	Hydrological model to analyse the impacts of a road widening scheme on a blanket bog in western Ireland
109	Preiner	Stefan	AT	Modeling of nutrient availability and aquatic primary production patterns in the Danube floodplain Lobau.
155	Emsens	Willem-Jan	BE	Iron accumulation as a bottleneck in rich fen restoration
175	Frei	Sven	DE	Hydrologically controlled reactivity hot spots within a riparian wetland: A modelling approach
179	Wan	Rongrong	CN	Inferring the patterns of water level fluctuations and the corresponding influence on the distribution of wetland vegetation in Poyang Lake, China
202	Harris	Lorna	CA	Hydroecological controls on peatland development in the Hudson Bay Lowlands

[S12] Engineering measures for ecosystem preservation and restoration

15	Lapin	Katharina	AT	Challenges and risks of river restorations for the biodiversity of riparian ecosystems
20	pastor	amandine	NL	INCLUDING ENVIRONMENTAL FLOW REQUIREMENTS IN LARGE RIVER BASINS
40	Marteau	Baptiste	UK	Geomoprhological evolution of a newly restored upland temporary stream
49	Bernhardt	Karl-Georg	AT	In-situ conservation: Measures for the protection of endangered populations of Stratiotes aloides in Lower Austria and Vienna
70	Mulkeen	Collette	IE	Biodiversity richness, water quality management and flood attenuation in natural and constructed wetlands
126	Kirillov	Vladimir	RU	The ecology of cooling reservoirs of thermal power stations in Siberia (Russia)
130	Scheikl	Sigrid	AT	Harmonizing conflicting aims of hydropower generation and river conservation – an Austrian wide strategic approach
132	Gumiero	Bruna	IT	ORGANIC FERTILIZZATION AND NITROGEN DYNAMICS IN TWO SHORT ROTATION FORESTRY
149	DENDA	Masatosihi	JP	Study on hydraulic process of debris formation on river terraces for river ecosystem on middle reach of Kita River,Japan
184	Werdenberg	Niels	CH	Instream River Training - Fundamentals and Practical Example
185	Mitsch	William	US	Dealing with downstream effects of excessive agricultural fertilizer use at a watershed scale: How ecologically engineered wetlands can help
198	Wessels	Reena	DE	Effects of restoration measures on the ripicol invertebrate fauna of braided rivers in the Northern Alps
214	Kruitwagen	Guus	NL	Lake Boyuk Shor: ecohydrology as fast track to engineering solutions for lake restoration in Azerbaijan

[S13] Urban hydroecology: objectives, tools and experiences

2	Schreier	Hans	CA	Changing the Stormwater Management Paradigm in View of Increased Climatic Variability and Land Use Intensification
68	Lange	Carsten	DE	High resolution 2D hydraulic and habitat modeling in a small urban river
94	Khamis	Kieran	UK	Monitoring dissolved organic matter quality and quantity during storm events: improving insights using in-situ and laboratory optical measurements
123	Gaskill	Sarah	AU	GDEs Matter; Understanding the role that groundwater plays in urban ecosystems in the Melbourne region

146	Palta	Monica	US	Pathogen and nutrient pulsing and attenuation in “accidental” urban wetland networks along the Salt River in Phoenix, AZ, USA
166	Hein	Thomas	AT	Effects of management options on ecosystem functions in an urban floodplain
174	Maassen	Sebastian	DE	Fate of xenobiotics in restored fen peatlands - a case study with treated waste water application

[S14] Hydroecological processes in semi-arid regions

41	García-Arias	Alicia	ES	Modelling hydroecological processes to determine riparian vegetation dynamics
58	Batelaan	Okke	AU	Contrasting response of water use efficiency to drought in global ecosystems
125	Grimm	Nancy	US	Spatial and temporal variation in responses of ecosystem structure and processes to short- and long-term hydrological regime shifts in a semi-arid watershed
129	Sabater	Sergi	ES	Flow intermittency under multiple stress situations: impacts and responses in biota
137	WEHNCKE	ELISABET	MX	THE IMPACT OF A WATER PULSE IN THE DYNAMIC OF BAJACALIFORNIAN BLUE FAN PALM DESERT OASES REMNANTS

At this stage only oral presentations are grouped into the sessions.
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Abstracts accepted for POSTER PRESENTATION

Abstract no.	Surname	First Name	Country	Abstract Title
1	MEDDI	Mohamed	DZ	Transfer of water in the soil-plant- atmosphere system at plot level in the High Cheliff Plain (Khemis Miliana).
9	hassanin	sherif	EG	Mathematical Simulation of Agriculture Drainage Water Quality and Quantity and its Effect on El-Nobaria canal
10	Anisha	Nureen	BD	Climate change effects on wetland resources in Bangladesh and adaptation practices: A case study on Hakaluki Haor
14	Dequidt	David	FR	Numerical modeling of aromatic compounds biodegradation in a natural gas storage aquifer

16	Ziembowicz	Taciana	DE	The role of the Gallery Forest as Ecohydrological Control for the Environment Quality in the Brazilian Agricultural Expansion Zone
24	Zhu	Yan	DE	Urban hydroecology: objectives, experiences and suggestions for the Mega-city Xi'an
26	Spaeth	Kenneth	US	Ecohydrology in the Ecological Site Description Concept
29	Shamov	Vladimir	RU	The modern studies of runoff formation in representative basins at the Pacific Russia: the "mobile-research-station" methodology and some results
30	Kulakov	Valerii	RU	The interaction of surface water and groundwater in the period catastrophic flooding in the Amur River in 2013 (Russian Far East)
31	Froend	Ray	AU	Modelling risks to groundwater dependent wetland ecosystems in a drying climate: an approach to facilitate adaptation to climate change.
39	Burenina	Tamara	RU	Estimation of moisture content of active soil layer in cryolithic zone by using «GRACE»data
42	Basso	Valerio	IT	Impacts of the representation of the seasonal and interannual vegetation dynamics on continuous basin scale hydrologic models
43	Brielmann	Heike	AT	Does tile drainage monitoring provide a useful instrument to assess the effectiveness of agricultural measures to reduce nitrate emissions to surface waters?
44	Tanabe	Yukiko	JP	Light quality mediated by terrestrial material cycling changes primary production in Antarctic oligotrophic lakes
47	Timoshenko	Olga	RU	Phytoplankton taxonomic structure as indicator of the trophic status and ecological state of Lake Ilmenskoe (Ilmensky Reserve, Russia)
48	Silva	Bernardo	BR	Assessment of evapotranspiration and gross primary production in an irrigated area of Brazil using remote sensing
50	Abood Itraija	Sinan	US	Mapping Variable Width Riparian Areas in the Hiawatha National Forest
52	Chifflard	Peter	DE	Impacts of climate change on the export of dissolved organic carbon and nitrate in a forested catchment (Hesse, Germany)
54	Zhang	Baozhong	CN	Water-carbon coupling modeling of summer maize at the leaf and canopy scales
55	Fonseca	Ana	BR	CHARACTERIZATION OF GENOTOXIC EFFECTS AS A TOOL FOR WATER QUALITY MONITORING OF SMALL TROPICAL WATERSHEDS
61	Su	Baolin	CN	Integrated EFDC-WASP modelling system and its application in water environment management: A case study in the Nansha River
62	Sugiyama	Ayumi	JP	Groundwater driven by an order of magnitude great rainfall runs surface of land; a possible trigger of landslide
63	Song	Wei	CN	Forecasting responses of valued ecosystem service to land use change in North China Plain
72	Zhan	Jinyan	CN	Contribution of water diversion and climate change to variation of key ecosystem services in lower Heihe River Basin
73	Bueche	Matthieu	CH	New insights in the bioremediation of metals in run-off water

77	Muerth	Markus	DE	GLOCAD – A transdisciplinary research network in the Danube Region for a Global Change Atlas on water resources, agriculture and ecosystems
79	Ntoanidis	Lazaros	GR	Assessment of environmental flow requirements within upper Acheloos river in Greece applying a quasi-2D hydraulic modelling approach and comparison with a 2D hydrodynamic and habitat model
80	Laize	Cedric	UK	Projected alterations in patterns of environmental flow at pan-European scale
82	Buisson	Laetitia	FR	Do simulated water temperatures give more accurate predictions than air temperature when modelling stream fish distribution?
83	Trigg	David	UK	Development of a method for deriving a measure of confidence for classifications made by the River Pollution Diagnostic System (RPDS)
84	Hussein	Mohamed Fahmy	EG	Nile Water Management Assisted by Isotope Hydrogeochemical Data
85	Chonde	Sonal	IN	Study of effect of Dairy industrial effluent on growth and biochemical parameter of selected plants (Cymopsis Tetragoniloba, Abelomoschus Esculentus, Abelomoschus Esculentus, Vigna Unguiculata, Trigonella Foenumgraecum)
93	Hund	Silja	CA	Stream flow monitoring using an Arduino logging system in seasonally dry tropical watersheds, Guanacaste, Costa Rica
95	Qu	Yi	CN	Scenario-based Simulation on Changes of Ecosystem Services Induced by Both Land-Use and Climate Changes – A Case Study in the Heihe River Basin of China
97	NING	LIKE	CN	Quantitative study of water resources system vulnerability in an arid basin
99	Melová	Katarína	SK	Interaction between surface water and groundwater levels in selected river basins in Slovakia
101	Saeed	Mohammed	IQ	Estimation of Potential Evapotranspiration in Kurdistan Region Using Different Empirical Models
103	Al-Gamal	Samir	EG	An assessment of water resources for Sinai Peninsula,Egypt using conventional and isotopic techniques
106	Mohamed	MEDDI	DZ	Transfer of water in the soil-plant- atmosphere system at plot level in the High Cheliff Plain (Khemis Miliana).
110	Šperac	Marija	HR	The protection the urban environmentby by wastewater treatement
112	Campos	Valquíria	BR	Evaluation of Cr (III) and (VI) in soil before and after phytotechnology
114	Sarlak	Nermin	TR	Water Balance Modeling of Van Lake in Turkey
115	MOATAR	Florentina	FR	Spatial variability of river temperature metrics at the regional level. Example of the Loire River basin, France
119	Magnuszewski	Artur	PL	Hyperspectral image a new tool for water quality evaluation – Zegrze Reservoir, Poland
121	TAMAI	Koji	JP	Effect estimation of stem density on the evapotranspiration rate from forest stand.
131	Shu	Bangrong	CN	Land Use/Cover Change and Its Impact on Eco-environment in Cultural Tourism City: A Case Study of Dali City in Yunnan Province, China

133	Huliaieva	Oksana	UA	The effect of hydrodynamical phenomena on hydroecological characteristics of the Dniester reservoir (Ukraine)
143	Meire	Patrick	BE	A controlled reduced tide: a new technique for restoring tidal habitats
144	Meire	Patrick	BE	Restoring a heavily impacted estuary: the crucial role of ecosystem services
147	Bonville	Donald	US	Spatial Variations in Baseflow Generation in a Headwater Mountain Catchment: Birch Creek
148	Sato	Yoshinobu	JP	Analysys of water balance in a small watersheds in Japan using SVAT and hydrological model.
154	CORREA	ANA CRISTINA	BR	MODELING FLOOD LEVEL OF MADEIRA RIVER AT PORTO VELHO-BRASIL FOR 2013-2014 EXTREME EVENT
163	Fang	Xing	US	Projected Impacts of Climate Changes on Cisco Oxythermal Habitat in Minnesota Lakes for Identifying Cisco Refuge Lakes
165	Hayashida	Kazufumi	JP	Evaluation of a fishway and diversion facility during downstream migration of masu salmon smolt at the Pirika Dam, Hokkaido, Japan
167	Yang	Qinli	CN	Ecological Status Assessment of Water Bodies via a Data Mining Framework
170	Debele	Sisay	PL	Feedback Models for Hydrological systems
171	Neruda	Martin	CZ	Restoration of the lignite mine Most by flooding - a good way for ecosystem?
172	Sangi	Salman	IR	Climate Change Impacts on Hydro-ecological Dynamics in Southern Alborz using Complex Networks
178	Shah	Syed	PK	Management of irrigation with saline water: accounting for externalities by considering soil-water-plant feedback mechanisms
180	POLETO	CRISTIANO	BR	MORPHOLOGICAL AND MORPHOMETRIC ANALYSIS OF LAKES IN EASTERN ZONE IN RIBEIR~AO PRETO CITY, BRAZIL
182	Xu	Ligang	CN	The Dynamics Analysis and Process Modeling of Soil Moisture in Typical Beach Wetland of Poyang Lake, China
188	Zhao	Xiaosong	CN	Response of evapotranspiration to water level changes in the Poyang Lake wetland of China
190	Punčochář	Petr	CZ	Design of rain-gauge network and spatial interpolation of precipitation data for ecological studies in mountain catchments
193	Mesquita	Maria	PT	Phosphorus removal in full-scale constructed wetlands with horizontal subsurface flow in Portugal
194	Mallick	Kaniska	LU	Towards integrating radiometric surface temperature into the Penman-Monteith equation
195	Zare Chahouki	Asghar	IR	Polygonal vegetation patterns in arid region of Iran as interaction between soil moisture and ecosystem properties, the first report
199	Kiivit	Iti-Kärt	EE	Water chemistry dynamics of non-disturbed and drained Estonian bog catchments: traditional questions under the new umbrella
203	Kertész	Ádám	HU	Ecological capability assessment and conflicts between present and optimal land use
205	Yamamoto	Tamiji	JP	Modelling the algal blooms triggered by oxygen depletion in a dam reservoir

209	Bačinová	Hana	CZ	Flood and water erosion function of stone hedgerows in mountainous area
210	Pandey	Jitendra	IN	The Influence of Land Use and Changing Atmospheric Deposition Chemistry on DOC Build- up in Ganga River: Integrating Land- Atmosphere- Water Components to Uncover Cross- Domain Carbon Linkages
212	Hynštová	Marie	CZ	Influence of catchment characteristics on lake water chemistry in the Tatra Mountains (Slovakia)
213	Dassargues	Alain	BE	Tracer tests and solute transport modelling associated for safety assessment of drinking water production wells in an alluvial aquifer
216	Retejum	Alexey	RU	Alterations of the Danub Runoff and the River Geosystem Responce
217	Lamparter	Gabriele	DE	Parameterisation of the Soil and Water Assessment Tool (SWAT) for three micro-catchments under different land use in West Brazil
218	Lamparter	Gabriele	DE	Multi-scale investigation of fine-sediment ingress in gravel-bed rivers using experiments and numerical modelling
219	Raafat	Ahmed	EG	Assessment of the Impacts of the Proposed Water Resources Development Projects on the Baro-Akobo-Sobat (BAS) River Flow.
220	Iglesias	Concepción	ES	A hydro-socioecological approach to restore Mediterranean temporary streams.
221	Jing	Wang	CN	Parameter sensitivity analysis of crop growth models based on the extended Fourier Amplitude Sensitivity Test method
224	Luo	Yang	CN	Applying of load duration curve for TMDL programs to upstream of East Tiaoxi watershed, China
225	Abubakar	Mohammad	NG	Limnology and Plankton Composition of the Hadejia Nguru wetlands
226	Hoyle	Jo	NZ	Quantifying the effects of macrophyte growth on stage-discharge relationships in New Zealand lowland streams
227	Mezga	Kim	SI	How groundwater dependent ecosystems (GDEs) depend on groundwater status in Slovenia?
229	Romanescu	Gheorghe	RO	Morpho-bathymetry and GIS-processed mapping in delimiting lacustrine wetlands: the Red Lake (Romania)