



Lundi 2 Octobre - Monday, Oct 2	
8h00	Enregistrement - Registration
9h45	Allocution de bienvenue – Welcome address
Session 1 : Biodiversity, ecosystem functioning and ecosystem services	
10h00	Keynote 1 : Prof. Christopher Swan: “Biodiversity, ecosystem function and services in urban environments”
10H45	Aquilina L., Dufresne A., Roques C., Bethencourt L., Bochet O., Chatton E., Ben Maamar S., Labasque T., Vergnaud V., Bour O. : <i>Chemical and microbial apparent compartmentalization in hard rock aquifers from Brittany: implications for management</i>
11h00	Giamberini S., Baneschi I., Provenzale A., Tasevska O.: <i>The fate of the iconic <u>Salmo letnica</u> in Lake Ohrid under multiple threats</i>
11h15	Longuevergne L., Pannard A., Chatton E., Labasque T., Amman J., Jaud M., Guillaumot L., Chedanne H., Bailly du Bois L., Petton C., Delacourt C. : <i>Capturing coastal wetland water sources and biological processes from high spatial resolution dissolved gases and hyperspectral observations</i>
11h30	Courbin N., Duncan P., Valeix M., Fritz H., Grange S., Barnier F., Pays O., Ncube S., Périquet S., Patin R., Loveridge A., Macdonald D., Chamailé-Jammes S. : <i>Large predators as drivers of an herbivore landscape use and dynamics in the Hwange LTSE</i>
11h45	Band L. : <i>Ecosystem processes and services at the watershed scale: The role of hillslope scale forest canopy biodiversity on ecohydrologic dynamics in mountainous watershed</i>
12h00	Aspholm P.E.: <i>Long term monitoring of waterbirds and small rodents & shrews in Pasvik, Northern Norway; indicator of ecosystem services and their conditions</i>
12h15	Gillet F.: <i>Biodiversity and ecosystem services of permanent grasslands in the Jura Mountains: trends and challenges</i>
12h30	Dubois P.: IPEV REVOLTA and PROTEKER programs: <i>Monitoring benthic marine biodiversity in antarctic and subantarctic coastal areas and their responses to environmental changes</i>
12h45	Boulinier T. : <i>Dealing with emerging infectious diseases in wild populations: combining long term monitoring with experimental approaches in the case of albatrosses</i>
13h00	Repas– Lunch



Session 2 : Environmental risks & global initiatives of nitrogen assessment	
14h30	Keynote 2 : Prof. Daniel Richter : "Darwin, Lyell, Ecosystems, & Earthe's Critical Zone"
15h15	de Dreuzy J.-R. , Marçais J., Kolbe T., Courtois Q., Vautier C., Abbott B.W., Pinay G.: <i>Deciphering the effects of climate, geology, and topography on catchment-scale groundwater flow structure and denitrification with synthetic studies</i>
15h30	Garnier J. , Barles S., Ramarson A., Thieu V., Billen G.: <i>Reinvent the agri-food system for reducing nitrogen losses cascading along the aquatic continuum and coastal eutrophication</i>
15h45	Lischeid G. , Holländer M., Kalettka T., Lehr C., Merz C., Steidl J.: <i>Same source, different trends: Nitrogen in groundwater, streams and small lakes in the Quillow catchment</i>
16h00	Muraoka H. , Shin N., Taku S.: <i>Forest photosynthesis from leaf to region, and from present to future: long-term and multidisciplinary research in Japan</i>
16h15	Salvador-Blanes S. , Evrard O., Cerdan O., Foucher A., Le Gall M., Vandromme R., Grangeon T., Manière L., Lefèvre I., Desmet M. : <i>Sediment transfers in a lowland agricultural catchment</i>
16h30	Imperio S., Provenzale A. , Vivaldo G., Marimon C.D., Palazzi E., Marangi C., Karnieli A., Giamberini M. : <i>Changes in Protected Areas: the ECOPOTENTIAL view</i>
16h45	Pause-café - Coffee break
17h00	D. Six, F. Naaim , P. Schoeneich: <i>Involvement of the SOERE CRYOBS-CLIM (CRYosphere, an OBServatory of the CLIMate) in snow and ice related hazards prevention</i>
17h15	Join J.-L. , Ah-Peng C., Wendling V., Giambelluca T.: <i>Cloud forests and water resources in tropical volcanic islands. The CZO "Erorun" strategy to document the impact of climate change</i>
17h30	Rivière A. , Flipo N., Berrhouna A., Simon N., Seraphin P., Cucchi K., Baudin A., Lavenant N., Bour O.: <i>Water and energy fluxes at the surface- subsurface interface of the ORACLE/BVRE Orgeval Observatory</i>
17h45	Ohman M. : <i>State changes in natural ecosystems - a perspective from marine LTER sites in the U.S. network</i>
18h00	Johannet A. , Boudevillain B., Martin P., Delrieu G., Paran F.: <i>OHM-CV and SA-RivCev convergence on a shared area : the three Cevenol rivers</i>
18h15	Braud I. , Nord G., Delrieu G., Boudevillain B., Le Coz J., Dramais G., Legout C., Wijbrans A.: <i>Designing an observation strategy for characterizing the hydro-meteo-sediment fluxes in a flash flood prone catchment of the OHMCV Critical Zone Observatory</i>
18h30	Session posters – Poster session : Sensors and analytical tools for ecosystems exploration
20h30	Diner
22h00	Session posters – Poster session : Sensors and analytical tools for ecosystems exploration



Mardi 3 Octobre - Tuesday, Oct 3	
8h15	Ouverture et accueil - Opening and welcome
Session 3 : Social-ecological system (SES) research, or “Putting the “S” in LTSER	
8h30	Keynote 3 : Bruno Latour :
9h15	Angelstam P., Elbakidze M., Manton M.: <i>LTSER platforms for knowledge production and learning towards sustainable landscapes: comparative and longitudinal analyses of green infrastructure functionality and planning</i>
9h30	Ragueneau O., Raimonet M., Mazé C., Coston-Guarini J., Danto A., Chauvaud L., Grall J., Paulet Y.-M., Thouzeau G.: <i>The impossible sustainability of the Bay of Brest? 40 years of ecosystem evolution, interdisciplinary knowledge construction and key questions at the science-policy-communities interface</i>
9h45	Krauze K. : <i>The blue-green way to reshape nature-water-human interactions in cities. About the process of knowledge and trust building from the City of Lodz LTSER</i>
10h00	Holzer J.: <i>Integrating social science into the LTSER network: An empirical study of three LTSER platforms</i>
10h15	Badariotti D. : <i>Integrating social sciences in an iLTER project : the Juxta Rhenum project</i>
10h30	Benoit M., Fritz H., Bretagnolle V., Lefevre S.: <i>The Human Practices Dynamics: the core of Society –Ecosystem linkage in LTSER ?</i>
10h45	Pause-café - Coffee break
11h00	Meybeck M., Lestel L., Carré C., Bouleau G.: <i>Towards a typology of environmental and social trajectories concerning water quality</i>
11h15	Izakovičová Z., Bezák P., Halada L., Mederly P.: <i>Involvement of stakeholders in the ecosystem services assessment</i>
11h30	Meyer A.: <i>Ecological metering and social perception of the biodiversity in urban green network</i>
11h45	Orenstein D.: <i>Nature, landscapes and biodiversity: what do the 99% (non-ecologists) think?</i>
12h00	Santos-Reis M. : <i>Understanding social perceptions of montado as services provider: a multi-scalar approach</i>
12h15	Anquetin S., Buclet N., Lavorel S., Lutoff C., George E., Thuiller W., Ziebelin D., Prieur C., Wilhelm B., Arnaud F., Reineking B., Judet P.: <i>Trajectories: Social-ecological trajectories of French alpine valleys under climate variability</i>
12h30	Locke D., York A., Grove M.: <i>Baltimore Ecosystem Study and Central Arizona-Phoenix demonstrate residents' environmental knowledge and neighborhood satisfaction</i>
12h45	Ens B., Philippart K., Baptist M., Sijtsma F., Daams M., Meijles E., van der Zee E., Hansen L.: <i>Humans and birds in the Wadden Sea</i>
13h00	Repas– Lunch



Session 4 : Decision making, management and adaptive governance	
14h30	Keynote 4 : Prof. Graeme Cumming: "A long-term perspective on managing protected areas as social-ecological systems"
15h15	Le Page M. , Benjamy B., Oueslati I., Fakir Y., Gosset C., Boone A., Montginoul M., Morardet S., Molle F., Jarlan L., Lili-Chabaane Z., Zribi M.: <i>Modeling and scenaring fragilized agrosystems in the south-Mediterranean area. The example of the Tensift (Morocco) and Merguellil (Tunisia) watersheds</i>
15h30	Fournier M. , Bonnefond M., Gralepois M., Servain-Courant S.: <i>Planning land uses in flood-prone areas: when conflicts contribute to the definition and implementation of urban projects. Two examples from the Loire River basin (Blois, Le Mans - France)</i>
15h45	Menez P.F. , Bustamante J., Santamaria L. : <i>Haste makes waste: continuous improvement of conservation in Doñana LTSER site through adaptive co-management and governance tenets</i>
16h00	Dedieu G. , Ceschia E., Dejoux J.-F., Tallec T., Thumerel B.: <i>Decision making and governance: practical experiences and lessons from the Regional Space Observatory (OSR)</i>
16h15	Berthet E. , Bretagnolle V., Segrestin B.: <i>Applying ecological knowledge to the innovative design of sustainable agroecosystems</i>
16h30	Pause-café - Coffee break
16h45	Douset S. : <i>How to link experimental results to the decision making: example of Constructed Wetlands at the outlet of drained plots</i>
17h00	Lin Y.C. : <i>Do reintroduced deer populations alter trajectories of forest dynamics? Evaluating the impact of Formosan sika deer (Cervus nippon taiouanus) on a tropical karst forest</i>
17h15	Boisneau C. : <i>Long term ecological research and partnership with freshwater fisheries. What benefits for fish management and for public policies ?</i>
17h30	Guerbois C. , Chamailé-Jammes S., Perrotton A., Valls-Fox H., de Garine-Wichatitsky M., Chapanda E., Fritz H. : <i>Sustainability transformation for human-elephant co-existence: lessons from the Zone Atelier Hwange</i>
17h45	Chabbi A. , Loescher, H.W.: <i>Combining observation and experimentation approaches: A need to make our tools and science directly relevant to sustainability and the society wellbeing</i>
18h00	Groner E. : Desert Ecological Integrity
18h15	Beauger A. , Peiry J.-L., Voldoire O., Garreau A.: <i>A transdisciplinary study of an abandoned channel of the Allier River (France)</i>
18h30	Session posters - Posters session : <ul style="list-style-type: none"> • Research trends in our network • Biodiversity and ecosystems • Biogeochemical cycles • Decision making, management and adaptive governance • Environmental risks • Global initiatives • Social-ecological system (SES) research, or "Putting the S" in LTSER
20h30	Diner de gala



Mercredi 4 Octobre - Wednesday, Oct 4	
8h30	Ouverture et accueil - Opening and welcome
Session 5 : Public session of the ILTER Board meeting	
8h40	Shibata H.: <i>The ILTER Nitrogen initiative</i>
8h55	Djukic I., Schmidt I.K., Kepfer-Rojas S., Larsen K.S., Beier C., Berg B., Verheyen K., TeaComposition Network: <i>Litter decomposition across the biomes: Early stage mass loss from the global TeaComposition initiative</i>
9h10	Bretagnolle V.: <i>The French LTSER, conceptual framework (part 1)</i>
9h20	Gaba S., Plumejeaud C., Gauffre B., Badenhauer I., Gross N., Bretagnolle V.: <i>Collapsing trophic network in intensive arable farmland: 25 years monitoring biodiversity, function and services (French LTSER part 2)</i>
9h30	ILTER network of XX
9h45	Cooperation with other international organizations <ul style="list-style-type: none"> • GEO (H. Muraoka) • FutureEarth (M. Mirtl) • UNESCO WNBRS (t.b.d.)
10h00	Pause-café - Coffee break
10h15	Keynote lecture: Dr Jill Baron: "Too much of a good thing: how the International Nitrogen Management System is addressing global nitrogen issues"
PhD speed talks	
11h00	Catarino R., Gaba S., Bretagnolle V.: <i>Relative contributions of pollination versus agrochemicals in rape seed yield and income</i>
11h05	Marçais J., Gauvain A., Labasque T., Abbott B.W., Aquilina L., Chatton E., Pinay G., de Dreuzy J.-R. : <i>Geochemical proxies of residence time in crystalline catchments: silica as a proxy for groundwater age</i>
11h10	Wielgus E., Cornélis D., Caron A., Cain B., de Garine-Wichatitsky, Fritz H., Chamaille Jammes S. : <i>Fission-fusion dynamics in the African buffalo (<i>Syncerus caffer</i>) and epidemiological implications</i>
11h15	Bourgeois B., Gaba S., Plumejeaud C., Bretagnolle V. : <i>Ecological mechanisms shaping weed diversity within arable fields – a metacommunity perspective</i>
11h20	Walaszek M., Laurent J., Wandko A., Bois P., Lenormand E.: <i>Risk assessment of metals and PAHs stormwater pollution and its management with a combined pond-constructed wetland treatment system</i>
11h25	Pacoureaux N.: <i>Prey, climate and population density shape the dynamics of an apex Antarctic predator</i>
11h30	Tessier E.: <i>Investigate the distribution of marine predators as a tool to better understand the ecosystem : a study case in the Kerguelen pelagic ecosystem</i>
11h35	Meyer-Georg S., Del Nero M., Courson O., Boltoeva M., Fleury G., Barillon R.: <i>FA composition and mobility of trace metal elements (TME) in surface waters in uranium environments</i>
11h40	Lambert C., Penaud A., Vidal M., Ragueneau O. : <i>Holocene paleoenvironmental changes in the Bay of Brest (NW France) over the last 10,000 years: palynological evidences of climate and human forcing</i>
11h45	Janc A.: <i>Factors influencing sperm whale (<i>Physeter macrocephalus</i>) depredation on Patagonian toothfish fisheries around the French sub-Antarctic islands</i>
11h50	Le Lay H., Thomas Z., Rouault F., Bour O., Moatar F.: <i>Assessment of injected warm plumes along a free surface flow channel using fiber optic distributed temperature sensing and numerical simulations</i>
11h55	Brief general discussion
12h00	Repas– Lunch



Session 6 : Long-term monitoring and global geochemical cycles

13h00	Keynote 6 : Prof. Steven Banwart
13h45	Tallec T. et al.: <i>The OSR : The Regional Space Observatory (OSR) for a sustainable management of territories and their resources in the South-West of France</i>
14h00	Mouchel J.-M. et al.: <i>The contamination of large rivers revealed by sediment cores</i>
14h15	Le Borgne T. , Bochet O., Bethencourt L., Dufresne A., Pedrot M., Farasin J., Labasque T., Chatton E., Lavenant N., Petton C., Abbott B.W., Aquilina L. : <i>Dynamic microbial hot spots sustained by mixing in subsurface fractures</i>
14h30	Caballero Y., Maréchal J.-C., Amraoui N., Charlier J.-B., Bailly-Comte V., Ducreux L., Lopez B., Mougin B. , Nicolas J., Selles A., Seguin J.-J., Winckel A. : <i>Contribution of groundwater observatories to the monitoring of some key hydrodynamic and geochemical processes in the critical zone</i>
14h45	Grippa M. , Gal L., Hiernaux P., Kergoat L.: <i>Eco-hydrological changes and their consequences on surface water in pastoral Sahel</i>
15h00	Kergoat L. , Hiernaux P., Dardel C., Mougin E., Brandt M., Grippa M., Pierre C.: <i>Sahel and the greening/desertification dilemma: the light shed by long-term surveys and satellites</i>
15h15	Galle S. , Grippa M., Peugeot C., Bouzou Moussa I., Cappelaere B., Demarty J., Mougin E., AMMA-CATCH Team: <i>AMMA-CATCH a long-term hydrological, meteorological and ecological observatory in West Africa : important results and available data</i>
15h30	Pause-café - Coffee break
15h45	Thomas Z. , Abbott B.W., Rousseau-Gueutin P., Kolbe T., Le Lay H., Marçais J., Rouault F., Petton C., Pichelin P., Le Hennaff G., Squidant H., Labasque T., de Dreuzy J.-R., Auilina L., Baudry J., Pinay, G.: <i>Vulnerability of natural systems to climate change and anthropogenic drivers across spatial and temporal scales</i>
16h00	Cauy-Fraunié S. : <i>What drives the interannual variability in fish-population time series?</i>
16h15	Champollion C. , Lesparre N., Fores B. : <i>Long term monitoring of groundwater resources in karstic systems from geodesy</i>
16h30	Gascuel-Odoux C., Fovet O. , Gruau G., Ruiz L., Durand P., Merot P., Jaffrézic A., Dupas R. : <i>Effect of intra and inter-annual climate variability on nutrients (C, N, P) emissions to stream waters: lessons from an agricultural long-term observatory</i>
16h45	Pons M.-N. , Guérol F., Legout A., Poszwa A.: <i>Long-term monitoring of headwater streams acidification in the Vosges Mountains (France)</i>
17h00	Conclusion - Concluding remarks