Session Title	Primary Convener	Co Conveners
Spatio-temporal aquifer-river exchange estimates: Combined experimental and numerical methodologies in changing environments	**Jordi Batlle-Aguilar**, *University of Kansas* , jba@kgs.ku.edu	**Agnès Rivière**, *Mines ParisTech*
Threats to coastal aquifers: From the shore to the sea	**Alex S Mayer**, *Michigan Technological University* , asmayer@mtu.edu	**Chunhui Lu**, *Hohai University* ; **Pei Xin**, *Hohai University* ; **Jason D Gulley**, *University of South Florida*
Groundwater-Surface Water Interactions: Identifying and Integrating Physical, Biological, and Chemical Processes Across Scales	**Stefan Krause**, *University of Birmingham* , s.krause@bham.ac.uk	**Susa Stonedahl**, *St. Ambrose University* ; **Daniele Tonina**, *University of Idaho* ; **Marie Juliette Kurz**, *Helmholtz Centre for Environmental Research UFZ Leipzig*
Sustainable groundwater remediation and resource management	**Deyi Hou**, *Tsinghua University* , deyi.hou@gmail.com	**Jian Luo**, *Georgia Institute of Technology Main Campus*
Conventional, Enhanced, and Emerging Geothermal Systems: Characterization, Integration, Stimulation, Simulation, Induced Seismicity, and Reservoir Energy Management	**Souheil M Ezzedine**, *Lawrence Livermore National Laboratory* , ezzedine1@llnl.gov	**Jeffrey M Bielicki**, *The Ohio State University* ; **Martin O Saar**, *University of Minnesota* ; **Markus Hilpert**, *Johns Hopkins University*
Advances, Breakthroughs, and Challenges in Hydrogeologic Sciences	**Kenneth C Carroll**, *New Mexico State University Main Campus* , Kccarr@nmsu.edu	**Holly A Michael**, *University of Delaware* ; **Deqiang Mao**, *Colorado School of Mines* ; **Phoolendra K Mishra**, *California State University Fullerton*
Characterization of Large Groundwater Systems through the Integration of Data and Tools Across Spatial and Temporal Scales	**Alexandra S Richey**, *Washington State University* , arichey@uci.edu	**Laura Foglia**, *UC Davis* ; **Timothy R Ginn**, *Washington State University*
Subsurface Contaminant Transport and Remediation: Advances in Process Understanding and Applications	**Thomas J Phelan**, *US Air Force Academy* , thomas.phelan@usafa.edu	**Jason Gerhard**, *University of Western Ontario* ; **Geoffrey R Tick**, *University of Alabama*
Hydrochronology: Advances in Tracer Methods and Modeling of Residence Times in Hydrology	**Ate Visser**, *Lawrence Livermore National Laboratory* , visser3@llnl.gov	**Ype Van der Velde**, *VU University Amsterdam* ; **Arash Massoudieh**, *Catholic University of America* ; **Christopher T Green**, *USGS*
Drought, Groundwater Management, Recharge, Baseflow, and Sustainability: Assessment, Monitoring, Modeling, Planning, and Policy	**Thomas Harter**, *University of California Davis* , thharter@ucdavis.edu	**Bridget R Scanlon**, *University of Texas at Austin* ; **David Dralle**, *University of California Berkeley* ; **Omar Al-Qudah**, *Texas A&M University-Kingsville*
From paleoclimate to the 2015-2016 El Niño: natural climate variability signals in global groundwater resources	**Jason J Gurdak**, *San Francisco State University* , jgurdak@sfsu.edu	**Dioni I Cendon**, *Australian Nuclear Science and Technology Organization* ; **Martine J van der Ploeg**, *Wageningen University* ; **Abi Stone**, *University of Manchester*
Heterogeneity, Mixing and Reaction Across Scales: New Experimental, Numerical and Theoretical Approaches	**Matthias Willmann**, *ETH Zurich* , willmann@ifu.baug.ethz.ch	**Tanguy Le Borgne**, *Géosciences Rennes* ; **Marco Dentz**, *IDAEA-CSIC* ; **Andreas Englert**, *Ruhr-University Bochum*
Characterization, Modeling, and Remediation of Fissured, Carbonate, and Karst Groundwater Systems	**Nicolas Massei**, *University of Rouen, UMR 6143* , nicolas.massei@univ-rouen.fr	**Ingrid Yamill Padilla**, *University of Puerto Rico Mayaguez* ; **Jim Lamoreaux**, *P.E. LaMoreaux & Associates*
Hydrogeologic, geochemical, and geophysical approaches to salinity and Underground Injection Control (UIC) mapping	**David Shimabukuro**, *California State University Sacramento* , dhs@csus.edu	**Janice Gillespie**, *California State University, Bakersfield* ; **Matthew K Landon**, *U S Geological Survey* ; **Kim A Taylor**, *US Geological Survey*
Multiscale and hybrid methods for flow and transport in porous media	**Alexandre M Tartakovsky**, *Pacific Northwest National Laboratory* , alexandre.tartakovsky@pnnl.gov	**Diogo Bolster**, *University of Notre Dame*
Fluid-Rock Interactions Controlling Structure, Flow and Transport in the Subsurface	**Jeffrey P Fitts**, *Princeton University* , fitts@princeton.edu	**Arjun H Kohli**, *SLAC National Accelerator Laboratory* ; **Arjun H Kohli**, *Stanford University* ; **Lawrence M Anovitz**, *ORNL U Tennessee* ; **John Bargar**, *SLAC National Accelerator Laboratory*
Impact of relative permeability hysteresis and CO2 dissolution at reservoir conditions on CO2-alternating water injection performance	**Liwei Li**, *Pennsylvania State University Main Campus* , lql5131@psu.edu	**Saeid Khorsandi**, *Pennsylvania State University Main Campus* ; **Russell Taylor Johns**, *Pennsylvania State University Main Campus*