

Critical Interfaces Scientific Focus Area

AGU Fall Meeting December 2018

H22D: Coupled Dynamics of Physical, Biological, Geomorphic, Hydrologic, and Chemical Processes in the Hyporheic Zone over a Range of Spatial and Temporal Scales I

Tuesday, 11 December 2018 10:20 - 12:20 Walter E Washington Convention Center - 151A

Primary Session Conveners: K C Carroll, **Scott Brooks**, et al.

<https://agu.confex.com/agu/fm18/meetingapp.cgi/Session/61976>

H23H Coupled Dynamics of Physical, Biological, Geomorphic, Hydrologic, and Chemical Processes in the Hyporheic Zone over a Range of Spatial and Temporal Scales II Posters

Tuesday, 11 December 2018 13:40 - 18:00 Walter E Washington Convention Center - Hall A-C (Poster Hall)

Primary Session Conveners: K C Carroll, **Scott Brooks**, et al.

<https://agu.confex.com/agu/fm18/meetingapp.cgi/Session/45698>

Ruba A M Mohamed, **Scott C. Brooks**, et al., H23H-1988 Effect of Stream Channel Anisotropy on the Spatial Interpolation of Streambed Characterization Data

Tuesday, 11 December 2018 13:40 - 18:00 Convention Ctr - Hall A-C (Poster Hall)

<https://agu.confex.com/agu/fm18/meetingapp.cgi/Paper/402758>

Chia-hsing Tsai, **Scott C. Brooks**, et al., H23H-1999 Tracer Characterization of Baseflow Hyporheic Zone Exchange, Solute Transport, and Rate-Limited Mass Transfer in East Fork Poplar Creek, Tennessee, USA

Tuesday, 11 December 2018 13:40 - 18:00 Walter E Washington Convention Center - Hall A-C (Poster Hall)

<https://agu.confex.com/agu/fm18/meetingapp.cgi/Paper/411859>

Alexander Johs, B51K-2103 Biochemical Factors Controlling the Kinetics of Bacterial Mercury Methylation

<https://agu.confex.com/agu/fm18/meetingapp.cgi/Paper/435337>

Luanjing Guo, **Jerry Parks**, **Scott C. Brooks**, et al., B51K-2100 Assessing the Effects of Thermodynamic Parameter Uncertainty in Mercury Aqueous Speciation Modeling

<https://agu.confex.com/agu/fm18/meetingapp.cgi/Paper/414311>

Baohua Gu, B54B-07: The Effects of Copper on Mercury Methylation by *Desulfovibrio desulfuricans* ND132

Friday, 14 December 2018, 17:30 - 17:45, Walter E Washington Convention Center - 149AB

<https://agu.confex.com/agu/fm18/meetingapp.cgi/Paper/446265>

Cynthia C Gilmour, B54B-06: Abundance and diversity of hgcA+ microbes in salt marsh soils - relationships to MeHg and salinity

Friday, 14 December 2018, 17:15 - 17:30, Walter E Washington Convention Center - 149AB

<https://agu.confex.com/agu/fm18/meetingapp.cgi/Paper/393702>