

32nd Annual Environmental and Ground Water Quality Conference
WEDNESDAY, MARCH 18, 2020
Ramkota Hotel and Conference Center, Pierre SD

- 7:20 a.m. Conference Registration – Ramkota Hotel and Conference Center – Amphitheater II
- 8:15 a.m. *Introductions/Announcements:* **Georgina Smith**, South Dakota Department of Environment and Natural Resources – Ground Water Quality Program, Pierre, SD
- 8:30am DENR Updates by **Kim McIntosh**, Administrator, Ground Water Quality Program

MODERATOR: Melissa Fahy, South Dakota Association of Environmental Professionals, Sioux Falls, SD

- 9:00 a.m. Per and Polyfluoroalkyl Substances (PFAS) at Ellsworth Air Force Base: **Joane Lineburg**, South Dakota Department of Environment and Natural Resources, Pierre, SD
- 9:30 a.m. Per and Polyfluoroalkyl: More Than a Drinking Water Contaminant: **Tim Stefanich**, City of Sioux Falls, Sioux Falls, SD
- 10:00 a.m. The MS4 Permit: What's a City to Do?: **Colin Chatterton**, City of Sioux Falls, Sioux Falls, SD
- 10:30 a.m. **REFRESHMENT BREAK**
- 11:00 a.m. *Chlorinated Solvent Forensics:* **Isaac Schmidt**, Pace Analytical Services, Minneapolis, MN
- 11:30 a.m. *Effects of Groundwater/Surface water Withdrawals, Climate Variability, and Regulation on Long Term Trends in Annual-Peak Streamflow in the Upper Plains Region,* **Nancy Barth**, Dakota Water Science Center US Geologic Survey, Bismarck, ND
- 12:00 p.m. **VISIT EXHIBIT HALL – LUNCH (on your own)**

South Dakota American Institute of Professional Geologists - Luncheon Meeting at the Ramkota Lake Sharpe Room

MODERATOR: Linda Watts, GeoTek Engineering & Testing Services, Inc., Sioux Falls, SD

- 1:30 p.m. *Chronic Wasting Disease in South Dakota:* **Chad Switzer**, South Dakota Department of Game, Fish, and Parks, Pierre, SD
- 2:30 p.m. *Caves and Bats of the Black Hills:* **Brad Phillips**, U.S. Forest Service, Black Hills National Forest, Custer, SD
- 3:00 p.m. *Zebra Mussels in South Dakota:* **Will Sayler**, South Dakota Department of Game, Fish, and Parks, Pierre, SD
- 3:30 p.m. **REFRESHMENT BREAK**
- 4:00 p.m. *In Line Aeration/Oxygenation – Groundwater and Wastewater Treatment:* **Mike Spillner**, Mazzei Injector Company, LLC, Bakersfield, CA
- 4:30 p.m. *GIS – Based Tool to Aid in Responding to Spills for Theodore Roosevelt National Park, North Dakota:* **Ryan Thompson**, U.S. Geologic Survey, Huron, SD
- 5:00 p.m. **ADJOURN TO THE COURTYARD FOR SOCIAL - FOOD, DRINK & CONVERSATION**

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MODERATOR: Katie Miller, SD DENR- Ground Water Quality, Pierre, SD

- 8:30 a.m. *Improving Throughput and Efficiency of Nitrate Reduction at Coeur Wharf*, **Lynne Blackman**, Coeur Wharf, Lead, SD
- 9:00 a.m. *Aquifer Characterization and Groundwater-flow Model of the Big Sioux Aquifer, Sioux Falls*: **Joshua Vader**, USGS, Rapid City, SD
- 9:30 a.m. *Exploration, Development, and Reclamation of Aggregate Resources*: **Jacqueline Finck and Jonathan B. Ellingson**, Terracon, Fargo, ND
- 10:00 a.m. *Online Mapping Application for Geologic Cores in South Dakota*: **Wes Christensen**, South Dakota Geological Survey, Vermillion, SD
- 10:30 a.m. *Closing Comments*: **Georgina Smith**, South Dakota Department of Environment and Natural Resources – Ground Water Quality Program, Pierre, SD

Thank you for coming!