

<p>Session 1 1:30–2:00 p.m.</p>	<p align="center">Water Quality Trends in the Big Sioux River</p> <p align="center">Jay Gilbertson, East Dakota Water Development District</p>
<p>ABSTRACT: The Big Sioux River, along with its many tributary streams, are the focal point of a broad range of recreational activities for residents of eastern South Dakota. State and federal water quality standards establish the degree to which interaction with these waters, either directly (swimming) or indirectly (fishing or boating), is safe or should be avoided. Additionally, the interchange of river water with the adjoining shallow aquifers can have important consequences for numerous public water suppliers throughout the basin. The presentation will review the results (and implications) a range of ongoing water quality monitoring and assessment activities being conducted by the East Dakota water Development District and other stakeholders.</p>	
<p>Session 2 2:10–2:40 p.m.</p>	<p align="center">Revitalizing the Big Sioux River Project: Acknowledging Our Roots and Growing Our Reach</p> <p align="center">Alexa Kruse, Big Sioux River Watershed Project</p>
<p>ABSTRACT: Over the years, the Big Sioux River Project has rooted itself alongside conservation partners in eastern South Dakota in order to improve water quality in the Big Sioux Watershed. Today, the project mostly assists agricultural producers in implementing those conservation practices, but the health of our watershed rests with more than just our farmers. Moving forward, the Big Sioux River Project aims to apply digital media and education to grow its water quality conservation efforts, engagement, and reach.</p>	
<p>Session 3 2:50–3:20 p.m.</p>	<p align="center">Wildlife Habitat and Water Quality: One in the Same</p> <p align="center">Matt Morlock, Pheasants Forever</p>

Track 2

<p>Session 1 1:30–2:00 p.m.</p>	<p>Too Much to Too Little: 2020 Climate in Review & A Look Ahead</p> <p>Laura Edwards, South Dakota State Climatologist</p>
<p>Session 2 2:10–2:40 p.m.</p>	<p>SDDENR Industrial Stormwater Permitting Fees Implementation and Online Applications</p> <p>Brett Steers, South Dakota Department of Environment & Natural Resources</p>
<p>ABSTRACT: The South Dakota Department of Environment and Natural Resources (SDDENR) Surface Water Quality Program is in the process of implementing annual fees associated with the General Permit for Storm Water Discharges Associated with Industrial Activities (Industrial General Permit). These annual fees will be applied to the approximate 850 facilities currently permitted through the Industrial General Permit. SDDENR has categorized all facilities with an Industrial General Permit and will be implementing a tiered fee system. SDDENR has also developed an online application and reporting system for the Industrial General Permit to aid in the permitting process.</p>	
<p>Session 3 2:50–3:20 p.m.</p>	<p>Smithfield Foods: Corporate Sustainability and Water Quality in Sioux Falls</p> <p>Jason Lindquist and Todd Gackstetter , Smithfield Foods</p>
<p>ABSTRACT: Smithfield Foods’ Sioux Falls facility is committed to sustainability in all aspects of our business. This presentation will provide an overview of Smithfield’s corporate sustainability goals along with the Sioux Falls facility’s progress towards achieving these goals. In addition, the Sioux Falls facility is planning significant upgrades to the onsite Industrial Wastewater Treatment system which will ensure continued compliance with discharge limitations. The presentation will provide a review of the planned upgrades and schedule.</p>	



<p>Session 1 1:30–2:00 p.m.</p>	<p align="center">Climb Aboard! – Rain, Flooding and South Dakota Communities in the 21st Century</p> <p align="center">Jeremiah Bergstrom, South Dakota State University</p>
<p>ABSTRACT: Evolving precipitation patterns in eastern South Dakota are placing significant new pressures on South Dakota communities and stormwater infrastructure. Traditional approaches to managing stormwater and protecting property are proving inadequate. This presentation discusses the challenges of 21st Century water resources management and introduces new strategies for community-based water resources planning.</p>	
<p>Session 2 2:10–2:40 p.m.</p>	<p align="center">Thinking Big while Building Small – A 21st Century Vision for Stormwater in SD Communities</p> <p align="center">Dr. John McMaine, South Dakota State University</p>
<p>ABSTRACT: As South Dakota has experienced increased annual precipitation in the past decades, water management continues to be a significant challenge. Low impact development or green stormwater infrastructure is a philosophy of managing urban stormwater in a way that recreates pre-development hydrology through storage and infiltration. Results from research and demonstration projects will be presented to give participants an idea of current efforts to prove and promote practices to increase the water resilience of South Dakota communities.</p>	
<p>Session 3 2:50–3:20 p.m.</p>	<p align="center">The Social, Economic and Environmental Impacts of Improving Big Sioux River Quality: Small Steps Toward Big Change</p> <p align="center">Rachel Kloos & Steve Watson, ISG</p>
<p>ABSTRACT: Environmental sustainability not only impacts our natural resources but creates economic and social opportunities for communities. We call this the “Triple Bottom Line”, and cities across the world are realizing that when they intentionally apply a sustainability framework to water management solutions, it can pay dividends beyond just improved water quality. Sioux Falls is taking steps to build increased awareness around the water quality needs of the Big Sioux River, but what more can we do as a community to take action? Through a series of small, but intentional steps, we can further increase awareness, collaboration, and meaningful change for the Big Sioux within the triple bottom line framework.</p>	

