DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY COLLOQUIUM

UTAH STATE UNIVERSITY

SEPT 16 2020

Applied Chemistry for Solution to Environmental Impacts in the Uinta Basin

Chemistry is a central science to understanding environmental impacts on ecosystems, including everything from soils in an arid landscape to snowpack influence on near-surface production of ozone in the Uinta Basin. Dr. Colleen Jones works with reclamation specialists to understand the chemistry behind saline and sodic soils. She applies this knowledge to improve soil health in a challenging ecosystem. Also, the Uinta Basin is known for its wintertime ozone production events that occur during inversion episodes with snow cover. Little is known about the impact snowpack plays in the process of boundary layer chemistry in polluted airsheds, and work Dr. Jones is involved in is shedding light on those impacts. Dr. Jones will discuss the past and proposed research efforts in both soil and snowpack chemistry.

4-5PM (MDT) | Zoom

Meeting ID: 991 3991 8394

Passcode: 4W3tYY

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