

GRAND JUNCTION GEOLOGICAL SOCIETY

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JANUARY MEETING

WEDNESDAY 17, 2018

Joint meeting with the CMU Geology Students

7:30 PM

**Saccomanno Lecture Hall
(In the Wubben Science Building)**

**Dr. Gigi Richards
Director, Hutchins Water Center, CMU
Will Speak On**

**“Monitoring Snowmelt on the Grand Mesa
and Channel Changes on the Colorado River”**

Dr. Richard will discuss two collaborative projects that engage CMU students in water and river-related research. The first project is a collaboration with Dr. Stephanie Kampf, CSU Watershed Science, and involves monitoring snowmelt and streamflow generation at different elevations on the Grand Mesa and in the San Juan's to better understand streamflow generation from lower elevation snowpack. Data gathered from the west slope monitoring sites will be used by CSU graduate students along with data collected from the Front Range outside of Fort Collins to compare snowmelt timing and runoff generation between the west and east slopes. The second project is a collaboration with the Tamarisk Coalition to quantify channel change associated with invasive riparian vegetation (tamarisk and Russian olive) removal along the Colorado River in the Grand Valley. Preliminary results suggest that while some of the largest areas of bank erosion in the Grand Valley in recent years have been at sites where riparian vegetation has been removed, on average, erosion rates are not significantly larger at vegetation removal sites.

Guests Are Always Welcome

**Your 2018 Dues-\$15.00-are due now. If you have not paid, make your check to the GJGS Foundation for a tax deduction as it is a non-profit organization. Bring to meeting or mail to
GJGS, P O Box 4045, Grand Junction, CO 81502**