

Grades will be based on Attendance (2 points per seminar), Participation (2 points per question asked) and Summaries of assigned papers (5 points per paper for selected weeks with reading assigned).

Instructor – James Kubicki – jdkubicki@utep.edu

TA – TBA

Fall 2022

*Sept 7 – Lixin Jin – UTEP - Controls, rates, and impacts of enhanced calcite accumulation and abiotic CO₂ emission in irrigated dryland critical zones – Note this is a Wednesday

Sept 12 – Karplus - UTEP

Sept 21 - Lin Ma – UTEP - Environmental Isotopes: novel applications in water resources, Critical Zone, and Dryland Research - Note this is a Wednesday

Sept 26 - Etzy Góngora – UNAM - Valorization of mine tailings towards environmental remediation: geological perspectives - Kubicki

*Oct 3 - Lynn Soreghan, Univ. of Oklahoma, GSA Distinguished Lecturer - Dust and Loess in Equatorial Pangaea - Giles

Oct 10 - Greg Carling - Tracing Great Salt Lake dust using strontium isotopes - Jin

Oct 17 – Elizabeth Andrews – UTEP - Disentangling complex soil carbon dynamics in arid agricultural settings - Jin

*Oct 24 - Ananya Mallik - University of Arizona - How hot and wet is the Moon: insights and challenges – MSA Lecturer - Goodell

Oct 31 - TBA

November 7 - Jackie Clark (UTEP alum) and Hannes Bernhardt - ASU Lunar Reconnaissance Orbiter Camera science team. – Hurtado

*Nov 14 - David Young - UTEP

*Nov 21 - Barb Dutrow – LSU - Minerals as Solutions for Science, Technology and Society – Kubicki

Nov 28 – Andrea Everett - Owner, MatriARC PROJECTION, LLC GIS & Drone Services and Solutions - Kubicki

Dec 5 – TBA

*** Summary Due**