



Environmental Engineering

UNIVERSITY OF COLORADO **BOULDER**

EVEN Fall 2020 Seminar

Fridays @1230 pm

Zoom link: <https://cuboulder.zoom.us/j/96488304077>

Date	Speaker	Title
Aug 28	Fernando Rosario-Ortiz Professor, CEAE and EVEN CU Boulder	Origins of the optical properties of DOM: Current theories and implications
Sep 4	Dan Giammar Professor Washington University in St Louis	The end of the pipe: Using aquatic chemistry to control lead concentrations in tap water.
Sept 11	Michael Gooseff Professor, CEAE and EVEN CU Boulder	How is water quality changing along the hardest working river in the US?
Sept 18	Eric Peterson PhD student, EVEN CU Boulder	Control of effluent organic matter and disinfection byproducts with biofiltration for potable reuse
Sept 25	Pranav Chintalapati Caleb Cord PhD students, EVEN CU Boulder	1. Financial and functionality effects of professionalized maintenance for rural water service delivery in Kenya 2. Systems for maintaining rural water infrastructure in Uganda: identifying impacts of service area contexts and pathways enabling success
Oct 2	Angela Bielefeldt Professor, CEAE and EVEN CU Boulder	Ethics experiences and educational recommendations for working engineers
Oct 9	Kathleen Murphy Chalmers University, Sweded	TBD

Oct 16	Anna Liney PhD student, EVEN CU Boulder	Maintaining Rural Water Supplies in Ethiopia: System Dynamics to Policy
Oct 23	Greg Rieker Professor, ME and EVEN CU Boulder	Frequency comb laser-based sensing in the atmosphere: the path to developing a real life 'Eye of Sauron' (only not evil)
Oct 30	Kylie Couch PhD student, EVEN CU Boulder	Assessing the source of the photochemical formation of hydroxylating species from dissolved organic matter
Nov 6	Peter Hamlington Professor, ME and EVEN CU Boulder	Adaptive mesh simulations of fine-scale combustion for physics-based models of wildland fire
Nov 13	Shelly Miller Professor, ME and EVEN CU Boulder	Aerosol emissions from musicians and performers
Nov 20	Hope Michelsen Professor, ME and EVEN CU Boulder	Soot particles: So ubiquitous, so destructive, so important, yet so elusive
Dec 4	Chantal Iribagiza PhD student, EVEN CU Boulder	Evaluating impacts of electronic sensors on water and energy interventions in low income settings