



## Fall 2020 EVEN Seminar Series

Fridays at 12:30 – 1:30 pm

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

| Date   | Speaker  | Title  |
|--------|--|--|
| Aug 28 | Fernando Rosario-Ortiz, Professor<br>EVEN and CEAE, UC Boulder   | Origins of the Optical Properties of DOM: Current Theories and Implications  |
| Sep 4  | Daniel Giammar, W.E. Browne Professor<br>Energy, Environmental & Chemical Engineering<br>Washington University in St Louis | The End of the Pipe: Using Aquatic Chemistry to Control Lead Concentrations in Tap Water   |
| Sep 11 | Michael Gooseff, Professor<br>CEAE and EVEN, UC Boulder  | How Is Water Quality Changing Along the Hardest-Working River in the U.S.?   |
| Sep 18 | Eric Peterson, PhD candidate<br>EVEN, UC Boulder   | Control of Effluent Organic Matter and Disinfection Byproducts with Biofiltration for Potable Reuse                                      |
| Sep 25 | Pranav Chintalapati, PhD candidate<br>EVEN, UC Boulder   | Financial and Functionality Effects of Professionalized Maintenance for Rural Water Service Delivery in Kenya                            |
|        | Caleb Cord, PhD candidate<br>EVEN, UC Boulder  | Systems for Maintaining Rural Water Infrastructure in Uganda: Identifying Impacts of Service Area Contexts and Pathways Enabling Success |
| Oct 2  | Angela Bielefeldt, Professor<br>EVEN and CEAE, UC Boulder  | Ethics Experiences and Educational Recommendations for Working Engineers   |
| Oct 9  | Kathleen Murphy, Professor<br>Water Environment Technology<br>Chalmers University, Sweden                                  | tbd  |
| Oct 16 | Anna Libey, PhD student<br>EVEN, UC Boulder  | Maintaining Rural Water Supplies in Ethiopia: System Dynamics to Policy  |
| Oct 23 | Greg Rieker, Professor<br>EVEN and Mechanical Engineering, UC 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 candidate<br>EVEN, UC Boulder   | Assessing the Source of The Photochemical Formation of Hydroxylating Species from Dissolved Organic Matter                               |
| Nov 6  | Peter Hamlington, Professor<br>EVEN and Mechanical Engineering, UC Boulder   | Adaptive Mesh Simulations of Fine-Scale Combustion for Physics-Based Models of Wildland Fire   |
| Nov 13 | Shelly Miller, Professor<br>EVEN and Mechanical Engineering, UC Boulder  | Aerosol Emissions from Musicians and Performers  |
| Nov 20 | Hope Michelsen, Professor<br>EVEN and Mechanical Engineering, UC Boulder   | Soot Particles: So Ubiquitous, So Destructive, So Important, Yet So Elusive  |
| Dec 4  | Chantal Iribagiza, PhD candidate<br>EVEN, UC Boulder   | Evaluating Impacts of Electronic Sensors on Water and Energy Interventions in Low-Income Settings  |