



UC Davis Center for Regional Change Presents:  
The Regional Change Public Dialogue Series 2017-18

### Winter 2018 Dialogue: Livability.

How do we make the Sacramento region more livable, healthy, and equitable? How can research be a resource to support these strategies? w/ **Stephen Wheeler, Mary Cadenasso, and Cassie Hartzog** from the UC Davis Human Ecology and Plant Sciences Departments, and the Center for Regional Change.

**Friday**

**MAR 16, 2018 • 4:30PM – 6:30PM**

**Sol Collective Arts & Cultural Center**

**2574 – 21<sup>st</sup> Street, Sacramento**

**RSVP to [vchiappone@ucdavis.edu](mailto:vchiappone@ucdavis.edu)**

**Refreshments will be served**

**For more info <https://regionalchange.ucdavis.edu/events>**

## Winter 2018 Dialogue: Livability.

**How do we make the Sacramento region more livable, healthy, and equitable? How can research be a resource to support these strategies?**



### **Dr. Stephen Wheeler, UC Davis Human Ecology Department**

Prof. Stephen Wheeler will draw from his work mapping built landscapes of Sacramento and studying metropolitan regional planning to suggest some possible ways to move towards a more livable and sustainable Sacramento region. Efforts like SACOG's 2004 Blueprint and the current Sacramento Valley Fair Housing Collaborative are a great start but additional efforts appear needed, and the state may need to step-up to support such initiatives. Potential models include the Minneapolis/St. Paul region tax-base sharing framework, the Bay Area's One Bay Area grant program, evolving regional institutions in Portland OR, and (believe it or not!) the Trump Administration's proposal for value recapture around regional investments.

### **Dr. Mary Cadenasso, UC Davis Plant Sciences Department**

To foster livability in a hot, arid city, management and design strategies should incorporate multiple, integrated dynamics. Prof. Mary Cadenasso views a desirable and livable urban landscape as the product of integrated physical, ecological, and social systems. In this presentation, she will draw on her expertise as an ecosystem ecologist to explore the tradeoffs between efforts to conserve residential water use including turf replacement, the installation of water meters, and the potential to increase exposure to excess urban heat. She will also build on her land cover mapping of the Sacramento metropolitan region and remote sensing measurement of land surface temperature to set the context for measurements of water and heat on residential parcels.

### **Dr. Cassie Hartzog, UC Davis Center for Regional Change**

Chronic absenteeism is associated with multiple negative public health, social, and educational outcomes. Children who are chronically absent (10% or more school days missed) are not as engaged in school, miss more achievement benchmarks, and are less likely to graduate from high school. Children living in poverty are more likely to experience social barriers (i.e., lack of health care, chronic disease, unreliable transportation, unstable housing, community violence) that lead to chronic absence. As part of a larger project on chronic absenteeism and efforts to address it in the Sacramento City Unified School District, Cassie Hartzog, postdoctoral scholar at the Center for Regional Change, and her colleagues are studying disparities in access to Sacramento public transit and its impact on school attendance.

### **About the Regional Change Public Dialogue Series**

*In fall 2017, the UC Davis Center for Regional Change (CRC) launched this series through which UC Davis faculty affiliated with the CRC will present their research and engage in conversation with a wide variety of leaders and influencers in various regions across the state. The goal of the series is to maximize the impact of research by developing new partnerships with stakeholders across the state.*