

The Department of Environmental Studies at San José State University is pleased to present a public research presentation:

Wednesday, March 2, 2022

12:00 PM – 1:15 PM

<https://sjsu.zoom.us/j/5858275843> pw: ENV@SJSU

## Dr. Katherine Cushing

*Professor and Chair*

*Department of Environmental Studies*

*San José State University*

### Can Reuse Solve Our 'Wicked' Water Problems?

Water scarcity is a recurring issue in the U.S. West. A recent study in *Nature Climate Change* indicates that the West and northern Mexico are experiencing their worst drought conditions in 1,200 years. This talk highlights findings from investigations conducted by the Cushing Research Group that shed light on how water reuse programs and practices can be used to augment or replace potable water needs, as well as some of their limitations.



*In addition to serving as Professor and Chair of the Environmental Studies Department at San Jose State University, Dr. Cushing is a former Executive Director of CommUniverCity SJSU, an award-winning non-profit serving low-income residents in Central San Jose. She is a nationally-recognized expert on water resources management and has advised United Nations' departments, Fortune 500 companies, the cities of San Jose and Palo Alto, California, and the Army Corps of Engineers. She serves as the Vice-Chair for National Water Research Institute's Independent Advisory Panel on Water Reuse for Valley Water, Santa Clara County's main wholesale water provider. She holds a doctoral degree in civil and environmental engineering from Stanford University and a Bachelor of Science degree in Industrial Engineering from Northwestern University. Prior to joining SJSU, Dr. Cushing was a faculty member at both Stanford and the University of California, Berkeley.*

**PLEASE JOIN US -- ALL ARE WELCOME**