

SUSTAINABILITY SPEAKER SERIES



THE CUPERTINO SUSTAINABILITY COMMISSION PRESENTS

ELECTRIFICATION AS A SOLUTION TO CLIMATE CHANGE

Climate change, air pollution, and energy insecurity are three of the most significant problems facing the world today. Stanford Professor Mark Jacobson will discuss the development of technical and economic roadmaps to convert energy infrastructures of buildings, towns, cities, states, and countries to those powered with 100% wind, water, and sunlight electricity (combined with storage and energy efficiency). He will discuss the ability of the grid to remain stable at low cost. Dr. Aimee Gotway Bailey will share Silicon Valley Clean Energy's efforts to procure carbon-free electricity and the vision to decarbonize.

**THURSDAY
OCTOBER 18**

6:30 P.M. - 8:00 P.M.

Cupertino Community Hall
10350 Torre Avenue



Dr. Mark Jacobson

Mark Z. Jacobson is Director of the Atmosphere/Energy Program, Professor of Civil and Environmental Engineering, and Senior Fellow of the Woods Institute and the Precourt Institute for Energy at Stanford University. Mark has a B.S. in Civil Engineering, B.A. in Economics, and M.S. in Environmental Engineering from Stanford; an M.S. and PhD in Atmospheric Sciences from UCLA; and joined the Stanford faculty in 1994. He has served on an advisory committee to the U.S. Secretary of Energy, appeared in a TED talk and on the David Letterman Show, cofounded The Solutions Project, and received many awards.



Dr. Aimee Gotway Bailey

Dr. Aimee Gotway Bailey is the Director of Decarbonization and Grid Innovation at Silicon Valley Clean Energy. Aimee's work centers around identifying and managing barriers and opportunities to achieve decarbonization. Prior to SVCE, Aimee held positions focused on solar technology and climate policy, emerging technologies, and strategic planning at EDF Innovation Lab, PG&E, City of Palo Alto Utilities, Global Environmental Institute (Beijing, China) and the U.S. Department of Energy. Aimee has a BSE in materials science from the University of Pennsylvania in Philadelphia and a PhD in physics from Imperial College in London.