

The Bourns College of Engineering- Center for Environmental Research and Technology (CE-CERT)

invites you to our

2016 STEP Conference

Please register for an afternoon full of demonstrations and hands-on activities that will excite your students in the following areas of sustainable engineering research:



Clean Air

Understanding how pollution sources react in the atmosphere to form toxics, ozone (smog), and particulates that impact human health



Renewable Fuels

Life-cycle analysis of renewable fuels from creating renewable fuels from landfill waste and biomass (e.g. green waste) to improving technologies that use fuels to run efficiently and safely



Sustainable Transportation Systems

Environmentally-friendly intelligent transportation systems, eco-driving applications, and advanced vehicle integration



Renewable Electricity and Smart Grids

Advanced solar energy production, energy storage, energy distribution and management



Climate Change Impacts

Measuring and predicting impacts of man-made (e.g. power plants) and natural (e.g. wildfires) pollution on greenhouse gases and cloud formation