CEE team won WEAU competition

06/02/2016

A team from USU competed against local university in Utah and won the annual Water and Environment Federation of Utah (WEAU) Student Design Competition on Friday April 29 in St. George.

The team was selected by the WEAU Board to represent the State of Utah and compete in the national WEFTEC 2016 in New Orleans next September.

The team is composed of Ahmad Bitar (Graduate Student, CEE), Erin Andersen (Graduate Student, CEE), Dominique Bertrand (Sophomore, CEE), Darren Bingham (Junior, NR) and Dan Horne (Junior, CEE) and is mentored by Dr. Michael McFarland.

The team managed to design an innovative system for biosolids handling at Central Davis Sewer District to help them get over odor issues and their potential loss of land in addition to improving their operation and providing cost-effective and profit-generating options. The proposed system incorporated an innovative technology called Biochar that provides efficient volume reduction and complete odor elimination through bio processes and pyrolysis while maintaining net zero energy usage.