In Partial Fulfillment of the Requirements for the Degree of

Master of Sustainability Solutions (MSUS)
Soumya Parthasarathy

Will present her Master’s Culminating Experience Project

Construction and Demolition waste and impact

Abstract

Humans, just like a few other animals, build houses to live in and grow their families. While animal’s houses do not produce a lot of waste during construction, both construction and demolition of human housing results in a significant amount of waste. This waste is not typically bio-degradable or produced from environmentally friendly materials. They are often damaging to the environment, causing pollution and contributing to greenhouse gas emissions. This type of waste is categorized as Construction and Demolition (C&D) waste, and is the focus of my culminating experience. I worked with a local salvage company, Stardust Building Supplies, to understand their business operations and C&D waste impact. I delve into the policies surrounding C&D waste in Arizona, and discuss strategies and intervention points to tackle this problem.

Friday, April 28, 2017
10:50 a.m.
Wrigley Hall, 481

Faculty, students, and the public are invited.