



In Partial Fulfillment of the Requirements for the Degree of

Master of Sustainability Solutions (MSUS)

Andres Gonzalez

Will present his Master's Applied Project

Community Values Mapping in Apache Junction, AZ

Abstract

The city of Apache Junction is located in an environmentally and culturally rich location on the eastern edge of the Phoenix Metropolitan area. This suburb is expected to grow in the future with undeveloped land zoned for development. Despite its uniqueness, the city is challenged by a negative reputation in the region. To help improve the city's image and promote development, the City of Apache Junction has partnered with Arizona State University's Project Cities program. Through this partnership both parties work to work toward sustainable development of Apache Junction. This Culminating Experience project is one of several initiatives working for and with the city to help improve quality of life for residents. The project asks, how can we measure, identify, and promote locations of high community value in Apache Junction to attract new residents and create more development opportunities? A Public Participation GIS methodology was used to survey residents about their favorite locations in Apache Junction, participants were asked to mark their favorite locations on a paper map with stickers. Each sticker had a different color and corresponded with different values. The values were: recreational, cultural, spiritual, aesthetic, and special place values. All survey responses were transferred from physical maps to online geographic survey website Maptionnaire. Running statistical and geospatial analysis, survey found 6 locations in Apache Junction with highest density of values. Findings from the project will be delivered to the city of Apache Junction for integration into the Positively Apache Junction rebranding campaign and future urban development decisions.

Friday, April 27, 2018

11:00 a.m.

Wrigley Hall, room 481

Faculty, students, and the general public are invited.



In Partial Fulfillment of the Requirements for the Degree of

Master of Sustainability Solutions (MSUS)

Elizabeth Mayes

Will present her Master's Applied Project

“Restorative Commons”

Abstract

This culminating experience takes its name from a book, *Restorative Commons: Creating Health and Well-Being through Urban Landscapes*. Places are considered ‘restorative’ if they contribute to health and well-being and ‘commons’ offer a sense of accessibility and belonging to all. The United Nations recognizes good health and well-being, for all at all ages, as the third of seventeen Sustainable Development Goals. The editors of the above book, Lindsay Campbell and Anne Wiesen, are noted as saying: “As health is increasingly recognized as a human right, environmental health that promotes human health and well-being is also being considered by some as a human right.” In that spirit, this project has re-designed and is currently renovating a long neglected outdoor courtyard at a skilled nursing facility in Mesa, Arizona. It applies Scott Cloutier and Deirdre Pfeiffer’s Sustainability Through Happiness Framework to actively design and create environmental health in the promotion of the happiness and well-being of the patients and long-term care residents therein.

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