Recap

SOS 494/598 Urban Sustainability: Best Practices/Case Studies

Feb 4, 2015

Nalini Chhetri, Ph.D
ASU’s School of Sustainability
Sustainable Cities Network
“The mission ..[..] is to collaborate and share “lessons learned” in implementing and promoting the broad range of activities associated with municipal sustainability in Arizona. The goal [..] is to provide a forum and explore technologies, products, and services that may potentially further the cause of municipal sustainability.”
How the course came about..

* Expressed by municipalities & Oregon model (?)
* Discussion between and among SCN members (>1 yr)
* Discussion with School of Sustainability
* Matching School and Student needs with Municipalities’ commitments (including value added)
* Designing the course at graduate level/senior UG
* Implementing and teaching the course
For Municipalities

* Service (documentation & research)
* Platform to communicate with ASU continuously
* Build repository of best practices & lessons learned to share & house
* Leverage and coordinate related partnership related projects with ASU

For School of Sustainability & Students

* Real life opportunities to work with municipalities
* Build relationship with professionals and with agencies (research, education, outreach)
* Build basis for internship, career and consulting opportunities
* Fulfill degree requirements
Syllabus

* SOS 594/SOS 498 Urban sustainability Best Practices/Case Studies (circulated to municipalities)

ASU SCHOOL OF SUSTAINABILITY

SOS 594/SOS 498
Urban sustainability: Best Practices/Case Studies
Fall 2014 (3 credit hours)
Thursday 4:30 p.m. to 7:15 p.m. EDBL 1-24
8/21 – 12/05

Instructor information
Dr. Nalini Chhetri
School of Sustainability
Office hours by appointment. Email: Nalini.Chhetri@asu.edu

Course description
There is a dearth of documented sustainability best practices in urban systems in energy, water, waste management, urban forestry, food systems, infrastructure, transportation and health in arid and semi-arid environments. Case studies have specific contexts and issues, and good ones can have great relevance for practitioners and policy makers who seek them out for information that may influence decision making. In the newly emerging field of urban sustainability, well written and planned case studies have great value for a wide range of stakeholders in understanding lessons learned, challenges faced on and solutions explored of various projects, both big and small, and completed and ongoing. Sharing and engaging of players in urban sustainability in the collaboration of case studies that is specific for their contexts and experiences has been widely felt and expressed. This course is designed to address that niche.

Course design
This module course is divided into three modules: 1) Case Identification and 2) Categorization and 3) Case Report Writing.
Course requirement: Scope of Work with disclaimer (sample)
13 projects as deliverables
13 projects as deliverables

* Cities (6); county (1); federal & state agency (2), and Walton Sustainable Solutions Initiatives & cities (4)

* https://sustainablecities.asu.edu/resources/student-resources/