Information on rates and patterns of land changes is critical for assessments of human and environmental drivers and impacts of these changes and, consequently, the development of sustainable land management strategies. However, the observed rates and patterns of land changes often vary with spatial, temporal, and thematic scale, complicating such assessments. This has been documented in numerous studies but only to a limited degree, because emphasis has usually been on just one of the different types of scale. To provide a more comprehensive understanding of scale effects in land change studies, we produced land use and land cover maps for Las Cruces, NM—a development hotspot in the U.S. Southwest—at various levels of spatial, thematic, and temporal detail and documented the impacts of those scale changes on rates and patterns of land change. This talk will present some of the major findings of this work and discuss some of the implications of these findings for land change science.

Sarkeys Energy Center (SEC) A235
November 22 at 3:30 pm
All seminars will begin with coffee & socializing at 3:15

For more information visit http://geography.ou.edu/
Accommodations on the basis of disability are available by contacting the Department of Geography and Environmental Sustainability at 325-5325