



Dr. Tayyebi will have a workshop at University of Tehran in August 2015. Please feel free to share this with your colleague and your students that are interested in modeling land use change and assessing impact of land use change on ecosystem services. Please contact Dr. Tayyebi to register for the workshop (Email: amin.tayyebi@gmail.com) and receive more information. The exact date and place of workshop will be announced later.

Day I: Land Use Change Science: Lessons Learned from Applications of Using the Land Transformation Model

Morning from 8:00am to 12:00pm

Afternoon from 1:00pm to 5:00pm

Over a decade of model development and experiment has gone into the model, and the Land Transformation Model (LTM) has been now applied to simulate land use change (LUC) patterns in a variety of places around the world, such as all lower 48 states in the USA, central Europe, East Africa and Asia. The objective of this workshop is to review the breadth and depth of LUC issues that are being addressed by discussing how an existing model, Purdue's LTM, has been used to better understand these very important environmental issues.

Day II: A Spatial Decision Support System on the Web for Strategic Agricultural Land Use Policy Development

Morning from 8:00am to 12:00pm

Agriculture lands have experienced rapid changes during last decade. In the absence of proper land use policies, this incremental changes in agriculture areas can increase economic cost. The objective of this workshop is to present a GIS based spatial decision support system (SDSS) on web using spatial and temporal data, which benefit policy makers for evaluating the consequence of LUCs on various ecosystem services in agriculture landscape. We will test the developed SDSS through a case study in agriculture-dominated landscape with a variety of stakeholders LUC scenarios from USDA for Dane County of Wisconsin in United State.

