

Speaker biography

Dr. Vasit Sagan is an Associate Professor with the Department of Earth & Atmospheric Sciences at Saint Louis University (SLU). Dr. Sagan's research focuses on environmental impacts of land cover and land use (LCLU) and climate change, with particular attention to water resources and agriculture. He develops algorithms to characterize the changes to Earth's land cover and integrate remote sensing observations with model-based approaches to understand the impacts of climate and land use changes on the water and energy cycles and ecosystems from local to global scales. He has mentored 10 doctoral, 12 master students and post-doctoral researchers and served as a member on a dozen of graduate dissertation committees. He has authored over 60 peer-reviewed journal publications, one book chapter, and presented more than 60 conference papers and workshops.