

Dr. Nazia N. Arbab



Dr Nazia Arbab is a post-doctoral associate at the Center for Resilient Landscapes, Rutgers University, where she is working with Rutgers faculty and USDA-FS scientists to develop interdisciplinary research and designing policy tools for social-ecological system resilience and processes. She is developing a line of research focused on the study of disturbance regimes prevalent in New Jersey and the surrounding region, which could include: fire in the wildland-urban interface (WUI), extreme storm events, developmental pressures, pests and invasive species, and changing economies and markets.

Dr Arbab holds a Ph.D. in Natural Resource Economics from West Virginia University, and M.S. in Applied Sociology from University of Texas at Dallas. She completed her dissertation in December 2014, titled “Application of a Spatially Explicit, Agent-Based Land Use Conversion Model to Assess Water Quality Outcomes under Buffer Policies.” Her research interests include socio-ecological systems, natural resource management, land use change and water quality issues. She enjoys model building, theory and research methods from a multidisciplinary perspective including geography, hydrology, landscape, and ecology.