

Project title: **Environmental Impact Assessment of Rail Infrastructure in Illinois**

Sponsor: US Department of Transportation (DOT) National University Rail Center

(NURail) Consortium

Consortium lead: UIUC/Steve Schlickman (UIC)

Project lead: Ning Ai

Project description: This research proposes to integrate spatial analysis, risk assessment, and life cycle assessment in evaluating the environmental impacts of rail infrastructure in Illinois. It aims to develop an integrated and searchable GIS database that can facilitate rail system management, stakeholder participation, and environmental protection with more accurate and accessible information at a refined geographic scale.