



| UTC Project Information – Project 4.2 | |
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| Project Title | Future-Proof Transportation Infrastructure through Proactive, Intelligent, and Public-involved Planning and Management |
| University | University of Connecticut (UConn), Storrs, CT |
| Principal Investigator | Jin Zhu, Ph.D. |
| PI Contact Information | Email: jzhu@uconn.edu Phone Number: 860-486-0489 Address: 261 Glenbrook Road, Storrs, CT 06269 |
| Funding Source(s) and Amounts Provided (by each agency or organization) | Fast-Act (Federal- U.S. Dot): \$126,150 (estimate) for 3 years; UConn (1:1 match): \$126,150 (estimate) for 3 years |
| Total Project Cost | \$252,300 (estimate) |
| Agency ID or Contract Number | 699A3551847101 |
| Start and End Dates | Oct 01, 2018 – June 30, 2022 |
| Brief Description of Research Project | The objective of this study is to future-proof transportation infrastructure (e.g., highways, railways, and bridges) through proactive, intelligent, and public-involved planning and management so that they can prepare appropriately, minimize impact, and capitalize opportunities in the face of future events, changes, and needs. Examples of future events, changes, and needs include climate change, sea level rise, and extreme weather in the northeast region. The ultimate goal of this study is to generate products that facilitate informed decision making in new and existing transportation infrastructure planning and management by incorporating future risks and opportunities into consideration. Therefore, new and existing transportation infrastructure can not only meet the needs for today, but also for the future. |
| Describe Implementation of Research Outcomes (or why not implemented) | TBD |
| Place Any Photos Here | |
| Impacts/Benefits of Implementation (actual, not anticipated) | TBD |
| Web Links | https://rise-lab.com/ |
| <ul style="list-style-type: none"> • Reports • Project website | |