

UTC Project Information	
Project Title	Fault Tree Analysis for Accident Prevention in Transportation Infrastructure Projects
University	Oregon State University
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Funding Source(s) and Amounts Provided (by each agency or organization)	
Total Project Cost	\$29999.00
Agency ID or Contract Number	
Start and End Dates	Start: 01/15/2015 End: 06/15/2016
Brief Description of Research Project	The study will combine literature review and content analysis to develop a list of risk factors that lead to contribute to major accident types in transportation infrastructure projects. OSHA's Fatality and Catastrophe Investigation Summaries will be the main source of data for the content analysis. OSHA requires construction companies to report any type of work-related accidents resulting in the hospitalization of three or more workers. Thus, this summary database contains valuable information regarding safety-related performance, which can be used as a basis for identification of accident types and risk factors. The data collection in this study will target: (1) accident related to the Highway, Street, and Bridge Construction Sector (NAICS 237300); and (2) projects performed in the Northwest Region of the US (Region 10 according to the OSHA categorization).

<p>Describe Implementation of Research Outcomes (or why not implemented)</p> <p>Place Any Photos Here</p>	
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	
<p>Web Links</p> <ul style="list-style-type: none">• Reports• Project Website	
<p>Project Type (basic, applied, advanced, etc)</p>	<p>Applied</p>