

Kaelynn R. Schieber | EIT

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Professional Summary:

Kaelynn Schieber has several years of experience in structural retrofit and investigation of commercial, industrial, and residential sites for telecom work. She also has prior experience in flood investigation and repair, including residential work as well as large-scale flood repair. Kaelynn has completed over 1,000 telecom sites in over 30 states, and provides expertise in analysis, design, drawings, repair, and review.

Licenses and Certifications:

NCEES EIT Certification, ID #: 1679245

Project Experience:

EFI Global (Formerly Destek Engineering), Marietta, GA Telecommunications

Mrs. Schieber has performed extensive structural work for over 1,000 telecom sites in over 30 states. She provides analysis and design for a myriad of structures, including but not limited to: commercial buildings, water tanks, churches, silos, chimneys, monopoles, self-support and guyed tower structures, traffic control towers, and just about anywhere else telecom equipment can be installed. Kaelynn also provides repair solutions for failing sites, and drawings for potential projects. She has experience in statewide codes and local ordinances across the county.

EFI Global (Formerly Destek Engineering), Marietta, GA Flood Inspections

Mrs. Schieber has written forensic reports for residential homes across the country following major flood events. Tasks include identifying the extent and cause of damage, providing repair recommendations, and addressing other client concerns.

USACE, St. Louis, MO Mississippi River Lock and Dam Repair

Mrs. Schieber performed damage inspection on a major Mississippi Lock and Dam, and designed retrofits after the cause of structural failure was identified. Kaelynn also developed an extensive repair program to help extend the service life on all Mississippi River locks and dams, most of which are over 80 years old. She also helped to create an assessment plan on evaluating the anchorage and rebar health of existing structures for the USACE.

USACE, Modoc, IL Kaskaskia Lock and Dam Repair

Mrs. Schieber performed damage inspection on Kaskaskia Lock and Dam, as well as nearby operational facilities, after the site was submerged in approximately 20 feet of flood water. Tasks included identifying scope of damage, and developing a plan of operation/designing a structural retrofit to withstand future flood events.

University of Cuttington, Suacoco, Liberia
Post-Conflict Development

Working directly with the Peace Corps and Engineers Without Borders, Mrs. Schieber helped to identify the extent of structural damage caused by years of conflict in Liberia. Kaelynn also worked to improve the hydrological infrastructure of the University of Cuttington to help with the school's readiness for future emergencies. Other tasks included teaching current civil engineering students hydrology and sustainable design.

Professional Experience:

EFI Global, Engineer-In-Training, 2019 - Present
Destek Engineering, Staff Structural Engineer, 2017 - 2019
United States Army Corps of Engineers, Civil Structural Engineer, 2016 - 2017

Education:

Master of Science, Structural Engineering, Georgia Institute of Technology, Atlanta, GA, 2017
Bachelor of Science in Engineering, Civil Engineering, University of Michigan, Ann Arbor, MI, 2016
Bachelor of Arts, Art & Design, University of Michigan, Ann Arbor, MI, 2016

Affiliations:

Chi Epsilon
Order of the Engineer

Courses Instructed/ Guest Lecturer:

Sustainable Development in Post-Conflict Countries

Publications and Presentations:

Ivanov, V. Y., Fatichi, S., K. Clolinger, E. Caporali (2012). A multi-scale approach to assessment of climate change impacts on hydrologic response of watershed systems: 1. Quantifying regional trends and their uncertainty, Abstract at the AGU Fall Meeting: San Francisco, CA, December 3-7, 2012.