

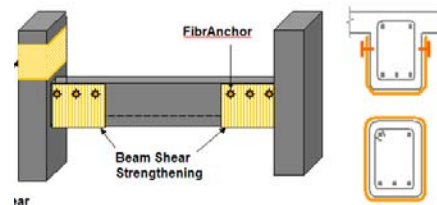
## Engineering Seminar

*Eric Wolff, PhD, PE*

Fyfe Co. LLC

### *“Structural Retrofit Using FRP Technology”*

Externally bonded Fiber Reinforced Polymers (FRP) have been used to successfully strengthen, repair and restore structural members in bridges, buildings, power plants, waterfronts, water transmission pipelines, culverts, and a number of other applications for over two decades. While the acceptance and use of FRP-based solutions are seeing exponential growth globally, large portions of the protective design engineering community are still seeking information regarding the mechanical properties of Fiber Wrap and their added value as compared to traditional rehabilitation methods. This session will provide up-to-date information regarding the effective use of Fiber Wrap materials for structural strengthening of walls, slabs and columns for seismic, wind, change of use, or blast mitigation and progressive collapse.



**DATE:** Friday, April 20, 2012

**TIME:** 11:00-12:30 EDT

**LOCATION:** 140 Ketter Hall, North Campus, University at Buffalo

**WEBCAST URL:** [HTTP://CIVIL.ENG.BUFFALO.EDU/WEBCAST/](http://civil.eng.buffalo.edu/webcast/)

**TECHNICAL DIFFICULTIES:** [SEESLWEBCAST@GMAIL.COM](mailto:SEESLWEBCAST@GMAIL.COM)

**ORGANIZED BY:** CSEE-GSA, Student Chapter of EERI at UB, MCEER, and CSEE

*Refreshments will be served!*

***Eric Wolff, PhD, PE***  
**Fyfe Co. LLC**



Dr. Wolff received his Ph.D. in Civil Engineering from the University at Buffalo, and has spent his last 10 years at NAVFAC (Naval Facilities Engineering Command) as a Capital Improvements Business Line Team Lead. He now serves as the director of the Force Protection group at Fyfe Company, LLC. Eric assists clients throughout the United States and Canada with feasibility studies, project management, technical support, and research and development for blast mitigation and force protection using FRP materials. He currently serves as a voting member on the ACI 370 committee developing standards for the design of FRP for retrofitting concrete structures subjected to blast, impact, and other short-duration dynamic loads.

Fyfe Co. LLC is the manufacturer of the Tyfo® Fibrwrap® Advanced Composite System, the first externally bonded Fiber Reinforced Polymer (FRP) systems used for the strengthening, repair and restoration of masonry, concrete, steel and wooden structures. The Fyfe Company staff of in-house engineers, material specialists and installation technicians has the combined expertise that comes with two decades of experience and thousands of completed projects in every region of the world.