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| **Song Wang, Visiting Assistant Professor****Department of Civil Engineering and Construction**P.O. Box 8077 • Statesboro, GA 30460 • (912) 478-6605 • swang@georgiasouthern.edu |
| ▼ **Education*** Ph.D. in Structural Engineering, Missouri University of Science and Technology, 2018
* M.S. in Structural and Earthquake Engineering, State University of New York at Buffalo, 2012
* B.S. in Civil Engineering, Shandong University of Science and Technology, China, 2010
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| ▼ **Teaching Expertise/Courses**Dr. Wang’s teaching expertise include Structural Engineering, Steel and Concrete Design, Construction Graphics, and Surveying. |
| ▼ **Research Expertise**Dr. Wang’s research interests include Fiber-reinforced polymer (FRP), Durability of FRP composite structures, Concrete and steel members reinforced with FRP, and Numerical modeling |
| ▼ **Sample Publications*** Wang, S. and ElGawady, M. (2019), “Effects of Hybrid Water Immersion, Environmental Exposures and Axial Load on the Mechanical Properties of Concrete- Filled Epoxy-based Glass Fiber Reinforced Polymer Tubes.” Construction and Building Materials, volume 194, pages 311-321.
* Wang, S. and ElGawady, M. (2019), “Durability of hollow-core GFRP-concrete-steel Columns under Severe Weather Conditions.” Journal of Composites for Construction, volume 23, issue 1.
* Wang, S. and ElGawady, M. (2018), “Effects of Combined Environmental Exposures and Axial Load on CFFT.” Construction and Building Materials, volume 184, pages 524- 535.
* Wang, S., ElGawady, M. (2019), “Durability Performance of Epoxy-based and Polyester-based CFFTs Subjected to Harsh Weather Exposure and Axial Load.” In: Transportation Research Board, TRB 2019, Washington, D.C., United States.
* Wang, S., ElGawady, M. (2018), “The Influences of Mechanical Load on Concrete- Filled FRP Tube Cylinders Subjected to Environmental Corrosion.” In: Taha M. (eds) International Congress on Polymers in Concrete (ICPIC 2018), ICPIC 2018, Springer, Cham.
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| ▼ **Grants/Funded Projects** |