

## 个人简介

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学术头衔	担任复合材料和结构工程领域等多个SCI期刊审稿人，包括CST、ASCE JCC、ES、ASCE JMCE、EFM等。					
研究方向	复合材料与结构、水工结构、海工结构、生态大坝等					
主要学习、科研和工作经历	2026-至今 郑州大学 水利与交通学院 初聘副教授 2022-2026 香港理工大学 博士后研究员 2018-2022 上海交通大学 博士 2016-2018 碧桂园集团、中国通信建设集团 结构工程师					
代表性科研成果	<p>Zhao Q, Iwama K, Dai JG, Zhang D, Zhao X, Xue H, Maekawa C, Zhao XL. In-Service Performance Deterioration Analysis of FRP Reinforced-Concrete Structures Exposed to Natural Marine Environments: A Theoretical Approach and Application [J]. <i>ASCE Journal of Composites for Construction</i>. 2026,30(1): 04025058.</p> <p>Zhao X, Zhang D, Zhao Q*, Zhang PF. Tuerxunmaiti, Y. Effects of fiber types on interlaminar shear strength degradation of epoxy-based G/CFRP bars under a marine concrete pore solution environment [J]. <i>ASCE Journal of Materials in Civil Engineering</i>. 2026, 38(5): 04026093.</p> <p>Tuerxunmaiti Y, Zhao XL, Zhang D, Zhao Q*, Zhang PF, Zhao X, Iqbal M. Predicting fatigue slip and fatigue life of FRP rebar-concrete bonds using tree-based and theory-informed learning models [J]. <i>International Journal of Fatigue</i>, 2025,193: 108816.</p> <p>Zhao Q, Zhang D, Liu J, Iwama K, Zhang PF, Zeng L, Zhao XL. Generalized Degradation Model and Bond Failure Analysis of Pultruded Basalt/Carbon/Glass FRP Bars and Profiles in Concrete Environments [J]. <i>Advances in Structural Engineering</i>, 2026,29(3): 442-459.</p> <p>Zhao Q, Zhao XL, Zhang D, Dai JG, Xue XY. Degradation of GFRP bars with epoxy and vinyl ester matrices in a marine concrete environment: an experimental study and theoretical modeling [J]. <i>ASCE Journal of Composites for Construction</i>, 2024,28(2): 04024004. (本文入选 The Editor's Choice)</p> <p>Zhao Q, Zhao XL, Zhang D, Duan LP. Effects of exposure in seawater sea-sand concrete pore solution on fatigue performance of carbon FRP bars [J]. <i>Composites Science and Technology</i>, 2024,247: 10418.</p> <p>Zhao Q, Iwama K, Dai JG, Liu J, Zhang D, Maekawa C, Zhao XL. Deterioration modelling of GFRP-reinforced cement-based concrete infrastructure in service under the natural inland atmospheric environment [J]. <i>Construction and Building Materials</i>, 2024,447: 138005.</p> <p>赵齐, 张大旭, 赵晓林, 王文华. 环氧基 GFRP 筋在海水海砂混凝土孔溶液环境下的损伤演化试验与模型研究[J]. <i>土木工程学报</i>, 2022,55(9): 27-45.</p> <p>Zhao Q, Zhang D, Zhao XL, Sharma S. Modelling damage evolution of carbon fiber-reinforced epoxy polymer composites in seawater sea-sand concrete environment [J]. <i>Composite Science and Technology</i>, 2021,215: 108961</p>					