



|  |
| --- |
| **George Yuzhu Fu, Ph.D., P.Eng., Professor**  **Department of Civil Engineering and Construction**  P.O. Box 8077 • Statesboro, GA 30460 • (912) 478-5003 • gfu@georgiasouthern.edu |
| ▼ **Education**   * Ph.D. in Environmental Systems Engineering, University of Regina, Canada, 2002 * M.S. in Environmental Engineering, Tianjin University, China, 1989 * B.S. in Environmental Engineering, Tianjin University, China, 1986 |
| **Teaching Expertise/Courses**  Dr. Fu’s teaching expertise is in Water and Environmental Engineering. His courses include Introduction and Advanced Water and Wastewater Treatment, Water Supply and Wastewater Collection Systems, and Senior Projects. |
| **Research Expertise**  Dr. Fu’s research expertise is in Water and Environment. His research areas include Innovative and Cost-Effective Processes for Water Treatment, Biofilters for Removing Contaminants of Emerging Concern from Water, Water Reuse for Indirect/Direct Potable Use, Water Quality Management of Highway Stormwater and Color Removal from Pulp Mill Effluent by Coal Fly Ash. |
| ▼ **Sample Publications**   * Willett, Christopher, **Fu, George, Yuzhu**, and Jackson, Nathaniel Mike (2019) Color removal from pulp mill effluent using coal ash produced from Georgia coal combustion power plants. *Environmental Engineering and Management Journal*, 18 (5), 945-956. * Cui, Hang, Gu, Xiaogang, Lu, Shuguang, Fu, Xiaori, Zhang, Xiang, **Fu, George Yuzhu**, Qiu, Zhaofu, and Sui, Qian (2017) Degradation of ethylbenzene in aqueous solution by sodium percarbonate activated with EDDS–Fe(III) complex. *Chemical Engineering Journal*, 309 80-88 DOI: 10.1016/j.cej.2016.10.029. * Wu,Tiehang, **Fu, Yuzhu (George)**, Sabulaa, Michael, and Brown, Tommy (2014) Bacterial community in the biofilm of granular activated carbon (GAC) PreBiofilter in bench-scale pilot plants for surface water pretreatment. *World Journal of Microbiology and Biotechnology*, 30 (12) 3251-3262. DOI 10.1007/s11274-014-1752-7. |
| ▼ **Grants/Funded Projects**   * Georgia DOT, Title: “Investigation on Water Quality Impacts of Bridge Stormwater Runoff from Scupper Drains on Receiving Waters”, 2018-2020, PI. * Georgia Power GRAPE Program , Title: “Color Removal from Pulp Mill Effluent Using Immobilized Coal Fly Ash (CFA) Produced from Georgia Coal Combustion Power Plants”, 2015-2017, PI. * Georgia Environmental Protection Division (GA EPD), Title: “Development of a Nine-Element Watershed Management Plan for the Black Creek HUC-10 #0306020205 Sub Watershed of the Ogeechee River Basin”, 2017-2018, Co-PI. |