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| **Soonkiei Nam, Assistant Professor**  **Department of Civil Engineering and Construction**  P.O. Box 8077 • Statesboro, GA 30460 • (912) 478-2343 • snam@georgiasouthern.edu |
| ▼ **Education**   * Ph.D. in Civil Engineering, Virginia Polytechnic Institute and State University, 2011 * M.S. in Civil Engineering, Virginia Polytechnic Institute and State University, 2005 * M.E. in Civil Engineering, Ajou University, Korea, 1998 * B.E. in Civil Engineering, Ajou University, Korea, 1996 |
| **Teaching Expertise/Courses**  Dr. Nam’s teaching expertise includes Foundation Design, Applied Geotechnical Engineering, Surveying, and Concrete and Masonry Structures. |
| **Research Expertise**  Dr. Nam’s research interests include laboratory and in-situ geotechnical experiments, unsaturated soil, foundation engineering, Mechanically Stabilized Earth (MSE) wall, and seepage and slope stability. |
| ▼ **Sample Publications**   * Dayioglu, M., Cetin, B. and Nam, S. (2017) “Stabilization of expansive Belle Fourche shale clay with different chemical additives.”, *Applied Clay Science*, 146, 56-69 * Petrie, J., Diplas P., Gutierrez M., Nam, S. (2014) “Characterizing the mean flow field in rivers for assessing and monitoring hydrokinetic energy generation sites”, Renewable Energy, 69, 393-401 * Nam, S., Gutierrez, M., Diplas, P., and Petrie, J. (2011) "Determination of the shear strength of unsaturated soils using the multistage direct shear test.” *Engineering Geology*, 122 (3-4), 272-280 * Nam, S., Gutierrez, M., Diplas, P., and Petrie, J., Wayllace, A., Lu, N., and Munoz, J. J. (2010) "Comparison of testing techniques and models for establishing the SWCC of riverbank soils." *Engineering Geology*, 110(1-2),1-10 |
| ▼ **Grants/Funded Projects**   * “LRFD Procedure for Piles with Pilot Hole in Rock”, Nam, S., and Yang, X., Georgia DOT, 2019 * “Developing Light Weight Mechanically Stabilized Earth Walls using 3D Shotcrete Sandwich Panels”, Nam, S. and Hedjazi S., FRSG Seed Grants, Georgia Southern University, GA 2017 |