

# EFFICIENCY AND INNOVATION



**TRAVIS WOODS**  
UNC Wilmington,  
Office of Facilities

Travis Woods is a CAD/GIS technician with the Project Management Division for the Office of Facilities at the University of North Carolina at Wilmington. As part of his work, he uses a range of technologies including global information system (GIS), computer-aided design (CAD) software, geodatabases and more to develop technical solutions for various projects across the university.

Woods developed a real-time GIS map to automate a yearly Safety Walk of UNCW's campus. Previously, teams would walk the campus after dark in search of hazards and note their findings with pen and paper. These findings would then be manually entered into the Office of Facilities' database. Described as hardworking, innovative and having a positive disposition, Woods was unwilling to accept an outdated, frustrating procedure. Woods' creation allows Safety Walk participants to drop virtual pins in the exact locations of hazards, categorize the pins by the type of issue and include supplemental information like descriptions and photos. The data from these pins is then used to create electronic forms that are submitted to the university's work order system.

The system was first used for the Fall 2021 Safety Walk, where it helped participants pin over 320 safety hazards across UNCW's campus. Woods's expansive knowledge of GIS technologies and his determination to find a better, more efficient solution to a time-consuming process helped increase the efficiency of the Safety Walk, leading to a safer environment for the entire university.



Travis Woods has repeatedly proven that he does not accept the status quo. He is an innovator and an invaluable member of his team, the University of North Carolina at Wilmington, and an exceptional employee for the State of North Carolina.