1. Assessing the Wind Loading on Elevated Residential Structures with

Partially Blocked Ground Floor Areas – Amal Elawady/David Prevatt – (FIU/UF/$150,000)

1. Wind-induced loads on roof overhangs – Ioannis Zisis – (FIU/$150,000)
2. Updating the Statewide Extreme Rainfall Projections – Jayantha Obeysekera – (FIU/$137,124)
3. Prepare Draft Florida Building Code Appendix with Optional Enhanced Construction Techniques for the Wind, Flood, and Storm Surge Provisions – Steve Martin (FDEM/$23,925)
4. Development of Wind Speed Line Maps Web Viewer for the Florida Building Code, 7th Edition (2020) – Katherine Norris – (UF/$20,000)

Research needed for the development of the 2023 update to the Florida Building Code (FBC) and in support of the 2020 FBC

1. Evaluation of the Cost Impact and Benefit of 2021 IBC Prescriptive Code Changes – (UF/$99,898)
2. Deletion of the Earthquake and Snow provisions in the FBC (Eric Stafford/$15,600)
3. Comparison of the 7th Edition Florida Building Energy Conservation Code

with IECC 2021 & ASHRAE 90.1-2019 – (FSEC/$75,000)

1. 7th Edition (2020) Florida Building Code, Energy Conservation Volume vs. 2018 International Energy Conservation Code Residential Stringency Analysis – (FSEC/$11,000)