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Xan is the Associate National Map Liaison to Florida, Puerto Rico, and the U.S. Virgin Islands for the U.S. Geological Survey (USGS) National Geospatial Program and is the Lidar Coordinator for the USGS Coastal and Marine Hazards and Resources Program. With more than a decade of GIS experience, she is an active member of the Florida Coastal Mapping Program, Interagency Working Group on Ocean and Coastal Mapping, 3D Elevation Program Working Group, and USGS Geospatial Information Response Team. Xan is currently serving as the Associate Chair of the Urban and Regional Information Systems Association (URISA) Professional Education Committee and as the American Society for Photogrammetry and Remote Sensing (ASPRS) GIS Division Director and Vice President of the Florida Region.

The U.S. Geological Survey (USGS) National Geospatial Program (NGP) provides a foundation of digital geospatial data representing the topography, natural landscape, and manmade environment of the United States. The USGS Coastal and Marine Hazards and Resources Program focuses on understanding coastal change, geologic hazards and catastrophic events, ocean resources for America's needs, as well as coastal and marine ecosystem science through a variety of technologies, data, mapping products, and tools. From citizens to scientists, Floridians can view and access USGS geospatial products and services through a variety of portals. Xan will discuss the 3D Elevation Program, The National Map, Event Support Maps, the Coastal Change Hazards Portal, as well as the 3D Nation Study, the Interagency Working Group on Ocean and Coastal Mapping, and the Florida Coastal Mapping Program. All of these initiatives use GIS to leverage the power of geospatial data, from planning to dissemination!