I am an Assistant Professor for Coastal Risks and Engineering at the University of Central Florida (UCF), where I am affiliated with the [Civil, Environmental, and Construction Engineering Department](http://www.cece.ucf.edu/) and the [National](http://www.ucf.edu/faculty/cluster/sustainable-coastal-systems/) Center for Integrated Coastal Research. I obtained a Diploma (UNI) in 2007 and PhD (Dr.-Ing.) in 2012 in Civil Engineering at the University of Siegen in Germany. Afterwards, I took a postdoc position at the College of Marine Science at the University of South Florida, supported by a fellowship from the German Academic Exchange Service (DAAD). Prior to coming to UCF I was a Marie Sklodowska-Curie Fellow of the European Union in Engineering and the Environment at the University of Southampton, UK. Through my research I connect engineering and various science disciplines (e.g., oceanography, hydrology, meteorology, climatology) to better understand the vulnerability of coastal societies, built infrastructure, and fragile ecosystems under climate change conditions. I study changes in coastal sea levels (mean and extreme), ocean waves, and freshwater flows and the associated impacts to support the development of sustainable and resilient adaptation strategies.