Coastal hazards related to strong storms are one of the most frequently recurring and widespread hazards to coastal communities today and in the future. These flooding hazards include storm surge, wind-waves and extreme precipitation all of which are predicted to grow in danger with climate change impacts. The purpose of this workshop is to gather people from across the academic and government to discuss what future directions computational modeling of these hazards is going and should go to better enable protection of our coastlines under the current and future threat of climate change.