

# The New Normal for Water Quality and the Environment in an Era of Increasing Cyclones and Flooding



Coastal North Carolina has a long history of tropical cyclone landfalls. Hurricane and associated rainfall records since 1898 reveal a period of unprecedentedly high precipitation since the late-1990's. We questioned whether this is coincidence or if we are witnessing a "new normal" in cyclone-associated rainfall? Indications are that we have entered a recent climatic regime change with major ramifications for hydrology, biogeochemistry, and ecology in this and other coastal regions impacted by this "new normal".

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**Wednesday February 20<sup>th</sup>, 3:30-4:30pm**

**RH 139**

**Refreshments start at 3:15**