

# **Does the Energy That Drives Hurricanes Also Heat Your Cold Beer?**

**Dale Durran**

(University of Washington)

Rain fills our rivers and sustains our crops, yet moisture is not just passively transported by atmospheric motions. Instead the energy released when water vapor changes phase from a gas to liquid droplets or solid ice crystals fuels violent storms like hurricanes and also dramatically modifies the Earth's climate. We will explore how water actively influences the weather and climate of our planet and also consider its role, if any, in warming cold drinks on a hot humid day.