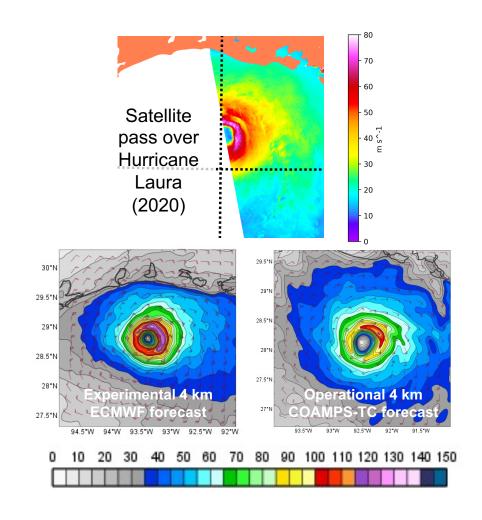
Tropical cyclone formation and intensification

Together with collaborators in the Department of Atmospheric Sciences and scientists at federal laboratories, potential Ph.D. projects* on tropical cyclone formation and intensification include (i) understanding their mechanisms and predictability using high-resolution models; and (ii) investigating the influence of assimilating satellite-based surface wind data on highresolution analyses and forecasts.







^{*} Subject to availability of funding