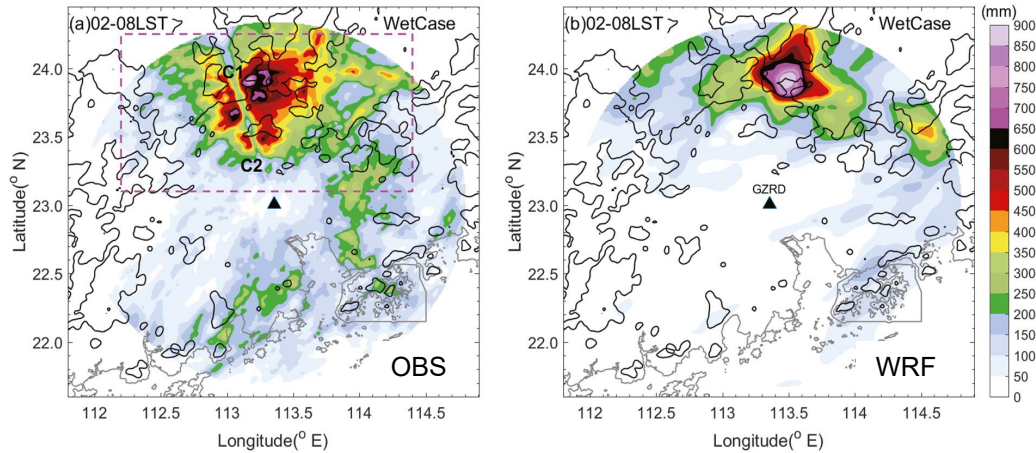


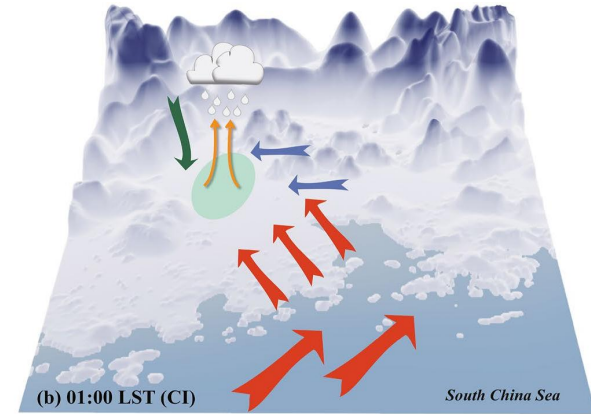
# Convection initiation mechanisms and sources of forecast errors (VB36)

The complex underlying surfaces (mountains, the urban area) and low-level thermal contrast impacted the local circulations, which was crucial for triggering localized nocturnal convection.

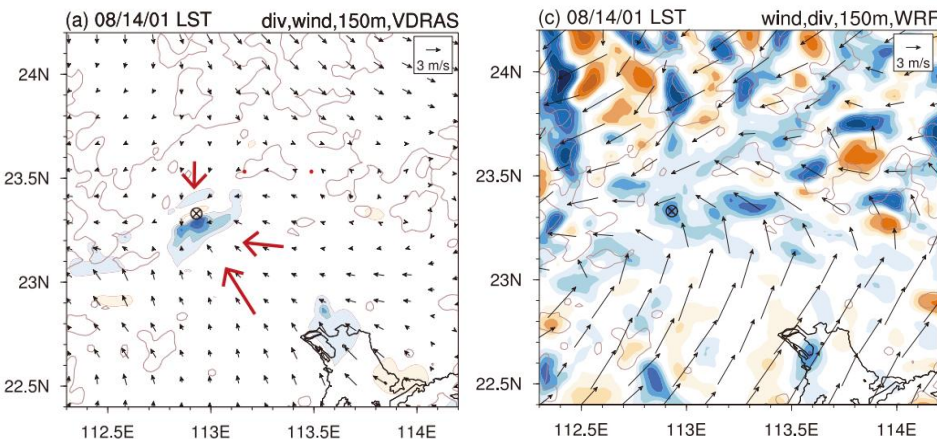
nocturnal rainfall distributions



convection initiation mechanisms



horizontal winds and divergence



2-m temperature

