

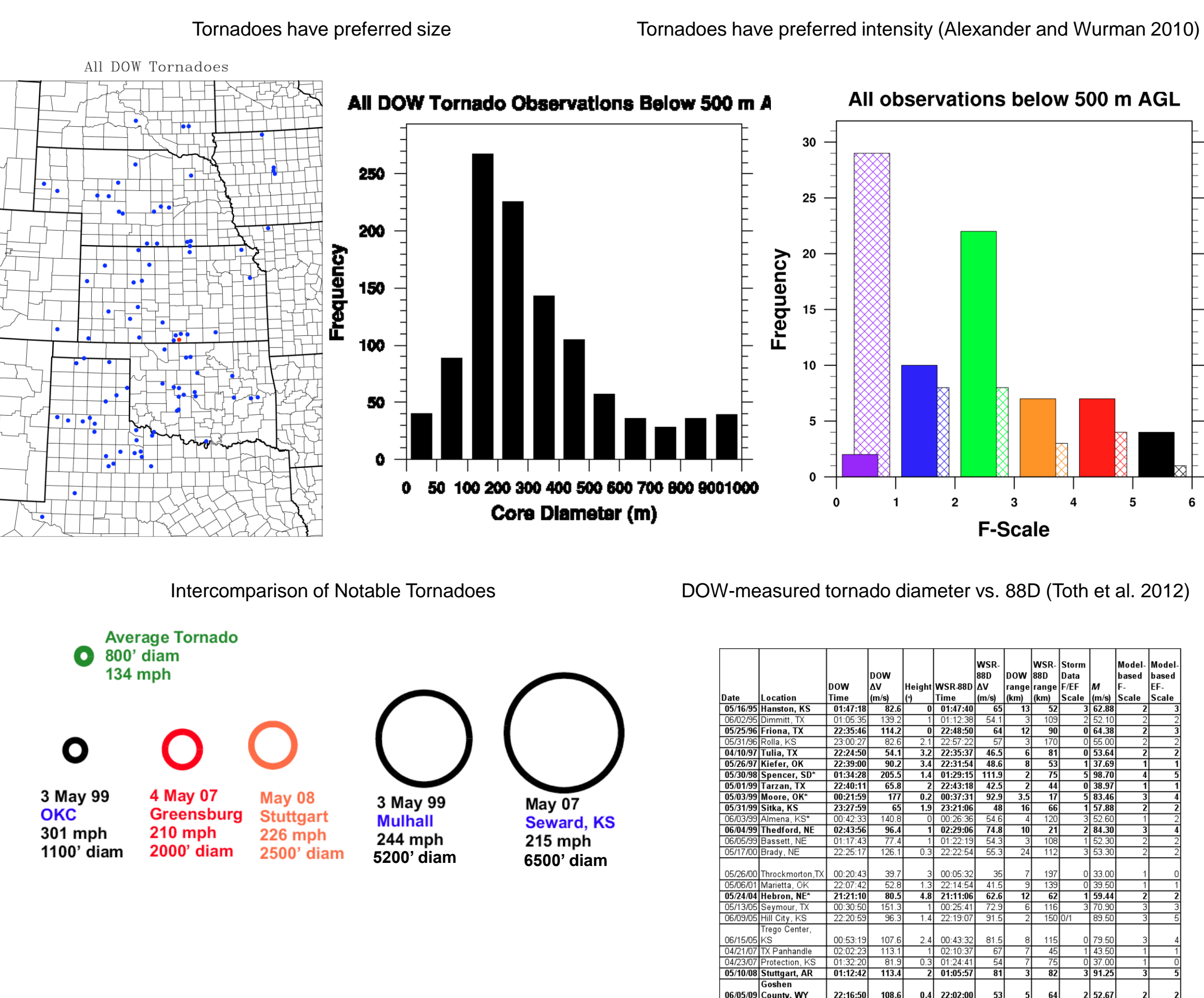
The DOW Network Pioneered the Mapping of Tornadoes Using Mobile Radars

- 1st Mobile Radar Mapping of Tornadoes**
And Related Phenomena
- 3D Wind Structure
 - Debris Clouds
 - Vertical Cross-sections
 - Multiple Vortices
 - Multiple Wind Maxima, Anticyclonic Tornadoes
 - Wind-Damage Relationships
 - Subsidiary Non-Tornadic Vortices
 - Integration With Surface Measurements

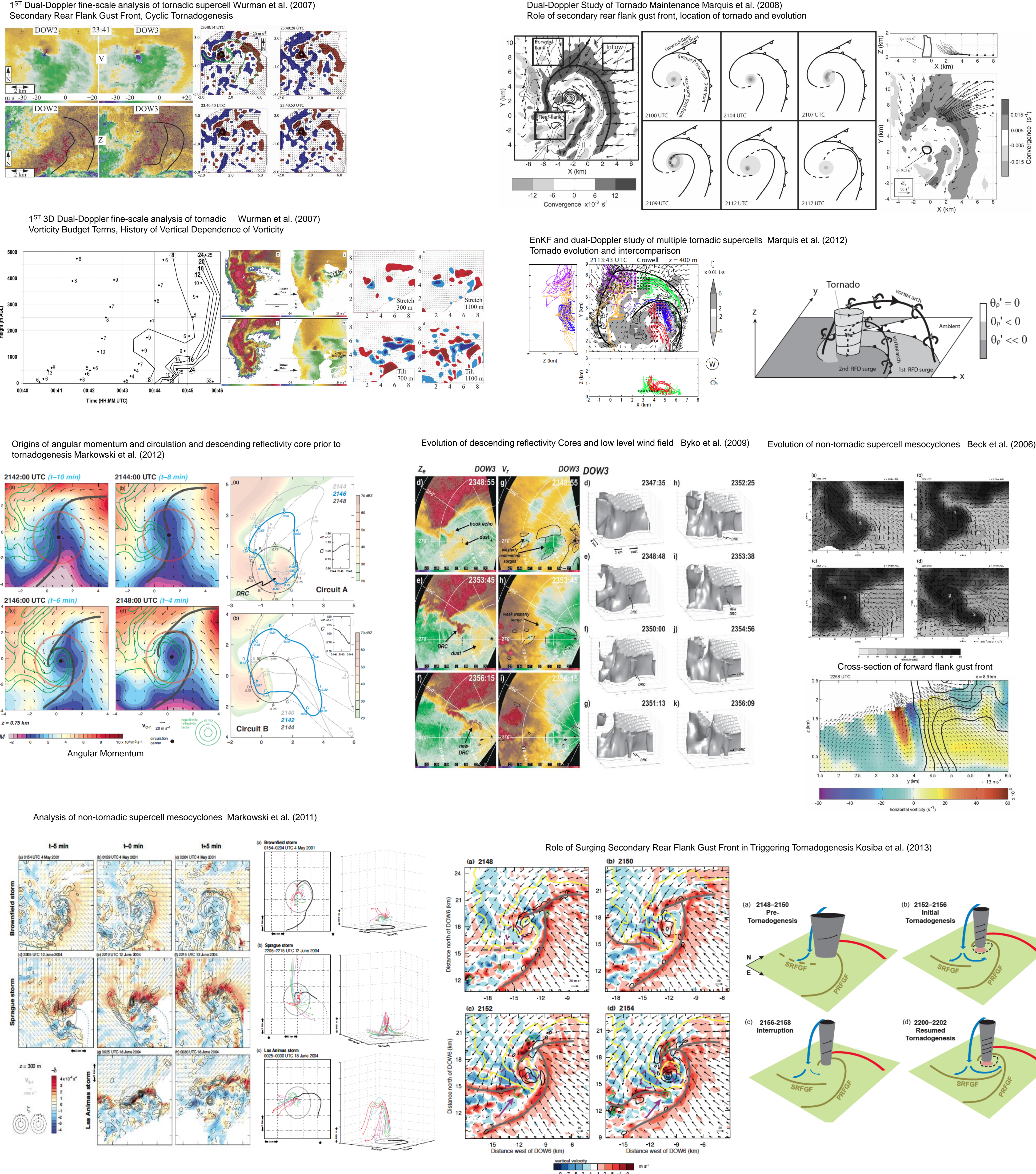


- 1st Mobile Radar Dual-Doppler Analysis**
Measurement of Vorticity Budget Terms
Secondary Gust Front and its Role in Genesis/Maintenance
Triggers for Tornado Genesis
Supercell and Mesocyclone Evolution
Assimilation
- 1st Mobile Radar Climatology**
Non-Case-Study Analysis of Tornado Phenomena
170+ Tornadoes
Preferred Size, Preferred Intensity Revealed
Relationship between Tornado Intensity and 88D Intensity

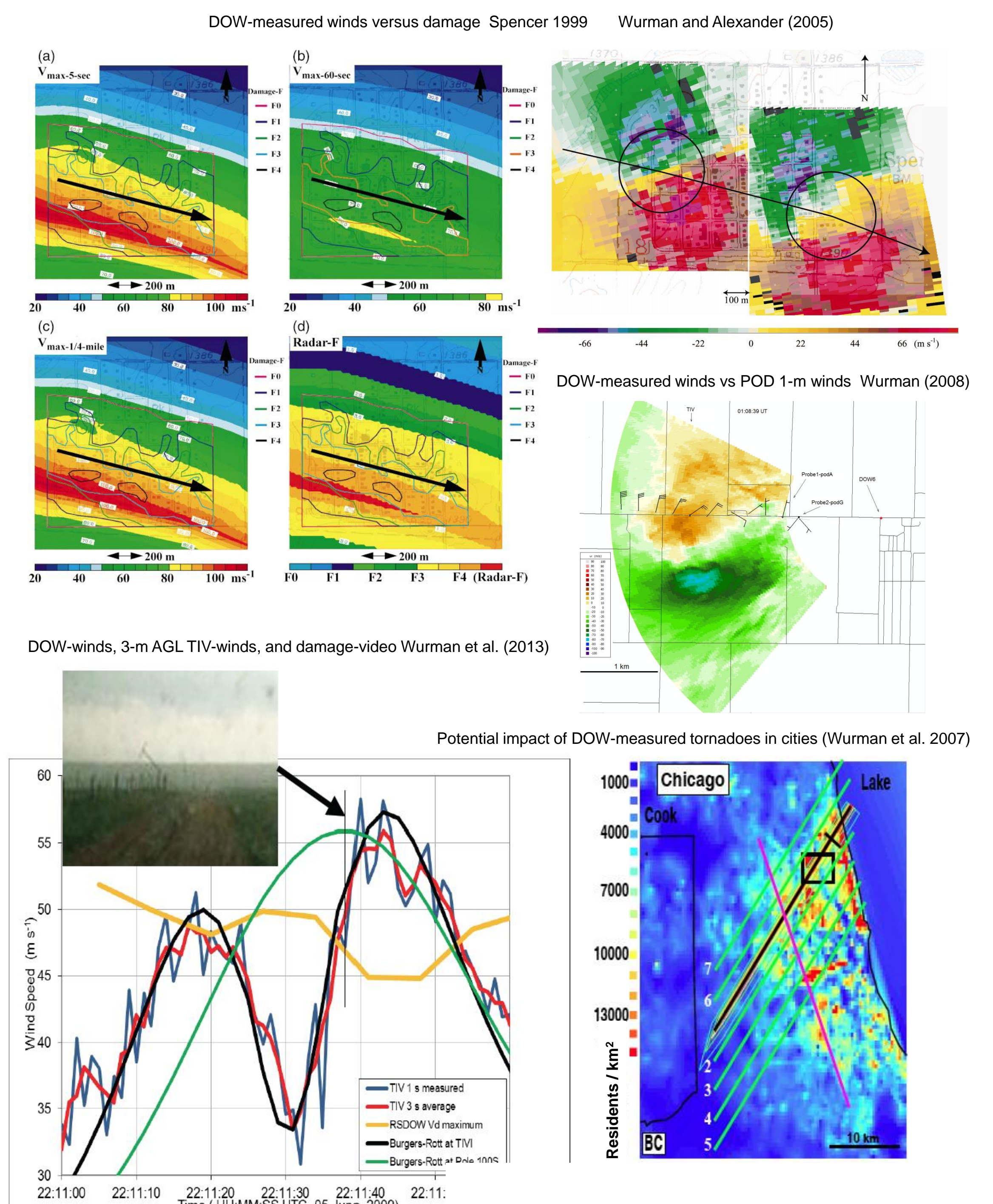
TORNADO CLIMATOLOGY



TORNADOGENESIS, MAINTENANCE, and SUPERCCELL STUDIES



TORNADO WIND-DAMAGE RELATIONSHIP



TORNADO STRUCTURE

