The RaXPol provides rapid updates of direct and reliable dual-polarization radar observations which are much needed for the study of high impact and fast evolving events such as tornadogenesis, deep convection and electrification, post-wildfire hydrology and flash floods, lake-effect and orographic snowstorms, tropical cyclones, etc. With the support of NSF CIF program, RaXPol is now available for wider communities for research, educational, and outreach activities.

**Instrument Capabilities**

- Mobile, X-band, and dual-pol
- Rapid volume update (15 elevations in 30 s)
- Fine spatial resolution (30 m x 1°)
- Customizable scanning strategies
- Real-time data visualization
- Remotely control

**Request Process**

To request RaXPol, please using the “Request Form” on the OU ARRC CIF webpage (https://arrc.ou.edu/cif.html).

For any question, please contact us through email address above.

**FIRP Request Process:** https://www.nsf.gov/pubs/2021/nsf21611/nsf21611.htm