

New York State Mesonet



*Jerry Brotzge, Ph.D.
Program Manager*

Brief Bio

- Undergraduate degree – Saint Louis University
- Graduate degrees (MS, PhD) – University of Oklahoma
- Wanted to do paleoclimatology work, but didn't have a clue where to go. So, my 2nd option was radar work, and OU was the best option for that. And I had heard how tough OU was, so had to go there.
- My advisor had a heart attack, so I switched from radar work to the OK Mesonet.
- Hired in 2001 by OU to do SEB/PBL modeling work with CAPS
- 2003 - Within CAPS, became a program manager for a NSF project called CASA (radar 'Mesonet')
- 2014 – Hired by Ualbany as Program Manager for NYS Mesonet

As a “Program Manager”, what do I do?

- Whatever needs to be done! The Mesonet is similar to a “start-up”.
- Hiring
- Planning (budgeting, siting, purchasing sensors, ...)
- Scheduling (installs, site visits,)
- Coordinating (site hosts, contractors, gov’t, private sector, ...)
- Communicating (internally, externally; speaking, writing, ...)

Future employment w/Mesonet?

- Unfortunately, few jobs within the 'mesonet' community.
- However, growing employment opportunities in the energy sector (oil/gas & renewables) for more data/instrumentation expertise
- Ever growing need for high-res data (drones! High-res NWP!)

- Summer students internships are available!

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