

Miller Lab at ASRC



tropical rainforest



temperate lake

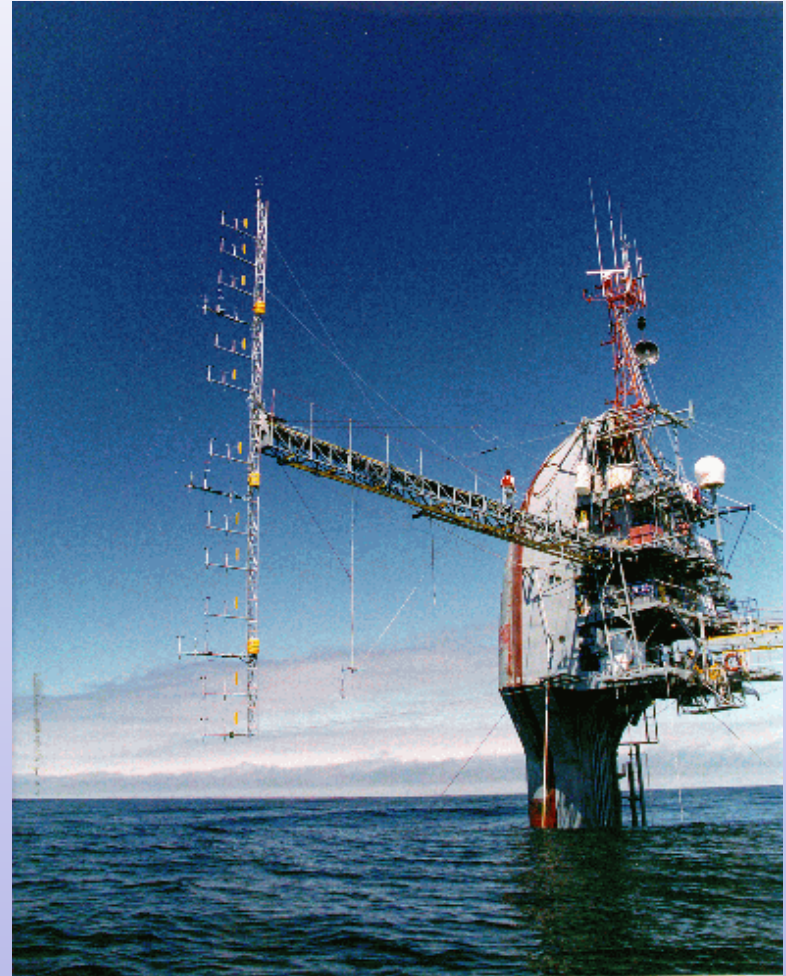
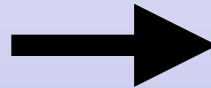


Antarctic

Micrometeorology: exchange of momentum, heat, moisture, CO₂ between earth's surface and the atmosphere.

Background: engineering/fluid mechanics

- working with instruments
- field setting



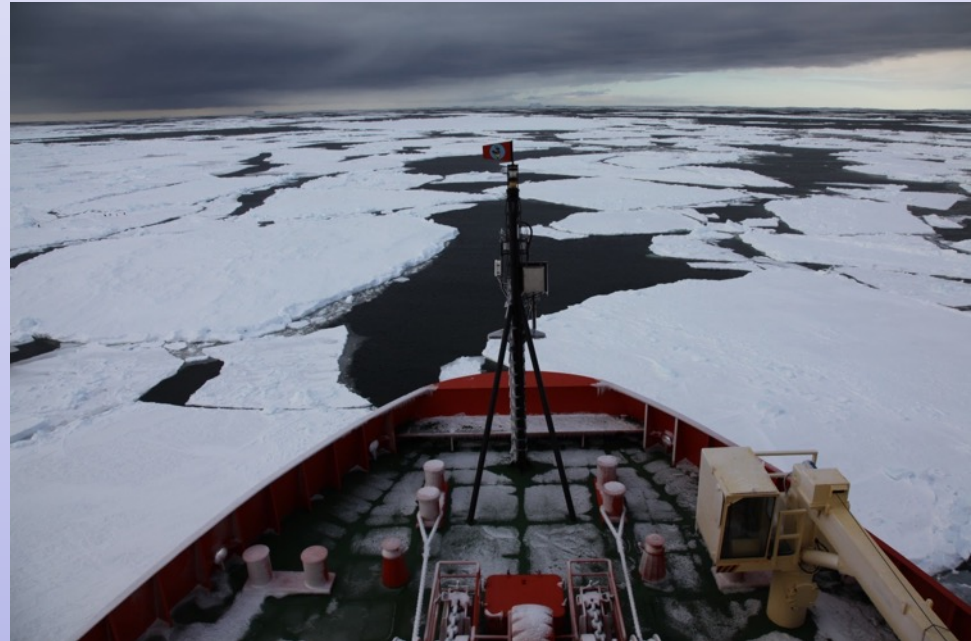
R/P FLIP

Job Responsibilities

- project ideas?
- write grant proposals
- execute project (e.g., field work)
- publish/present results

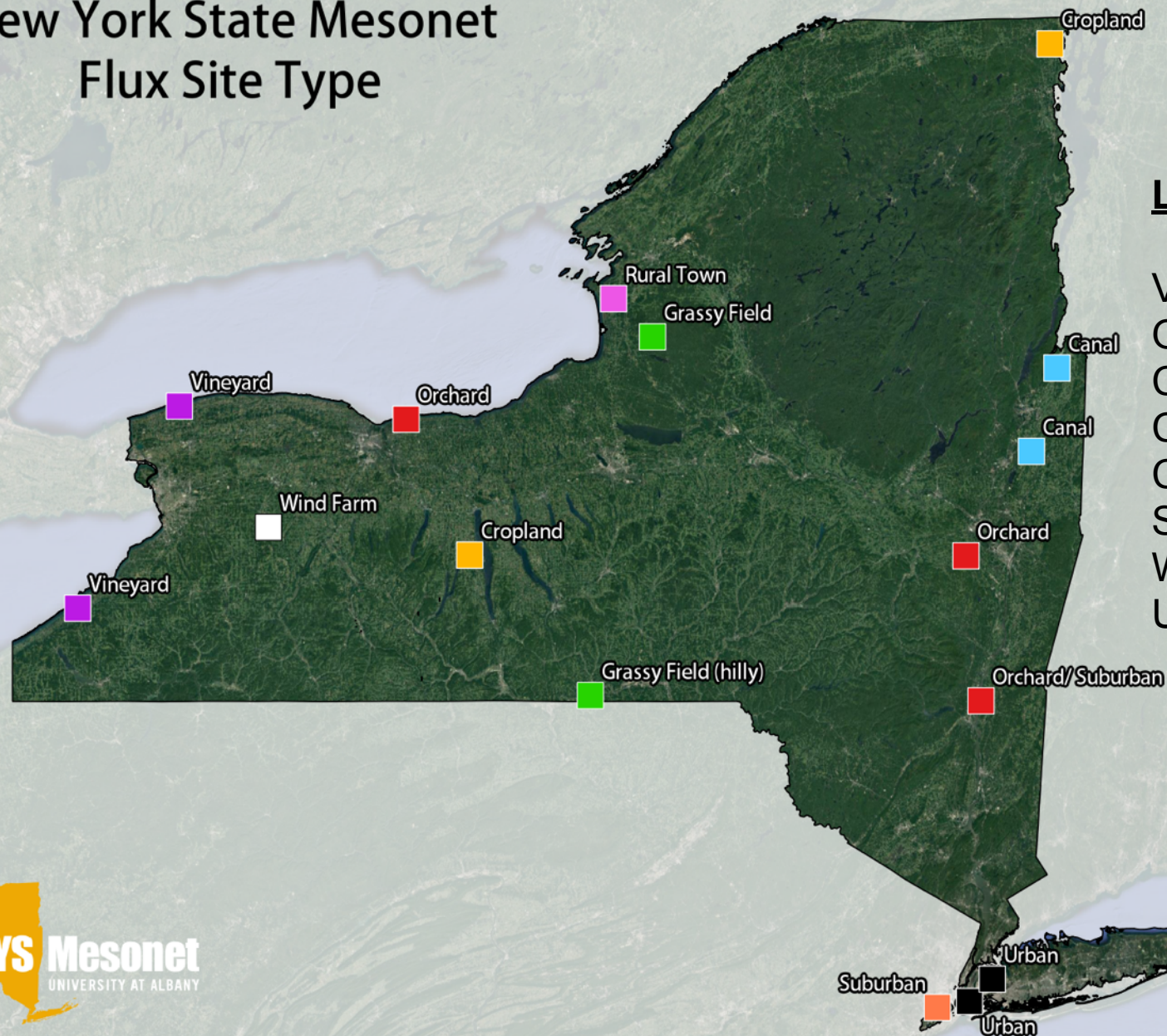


Amazon riverboat



US Polar ship Nathaniel B Palmer

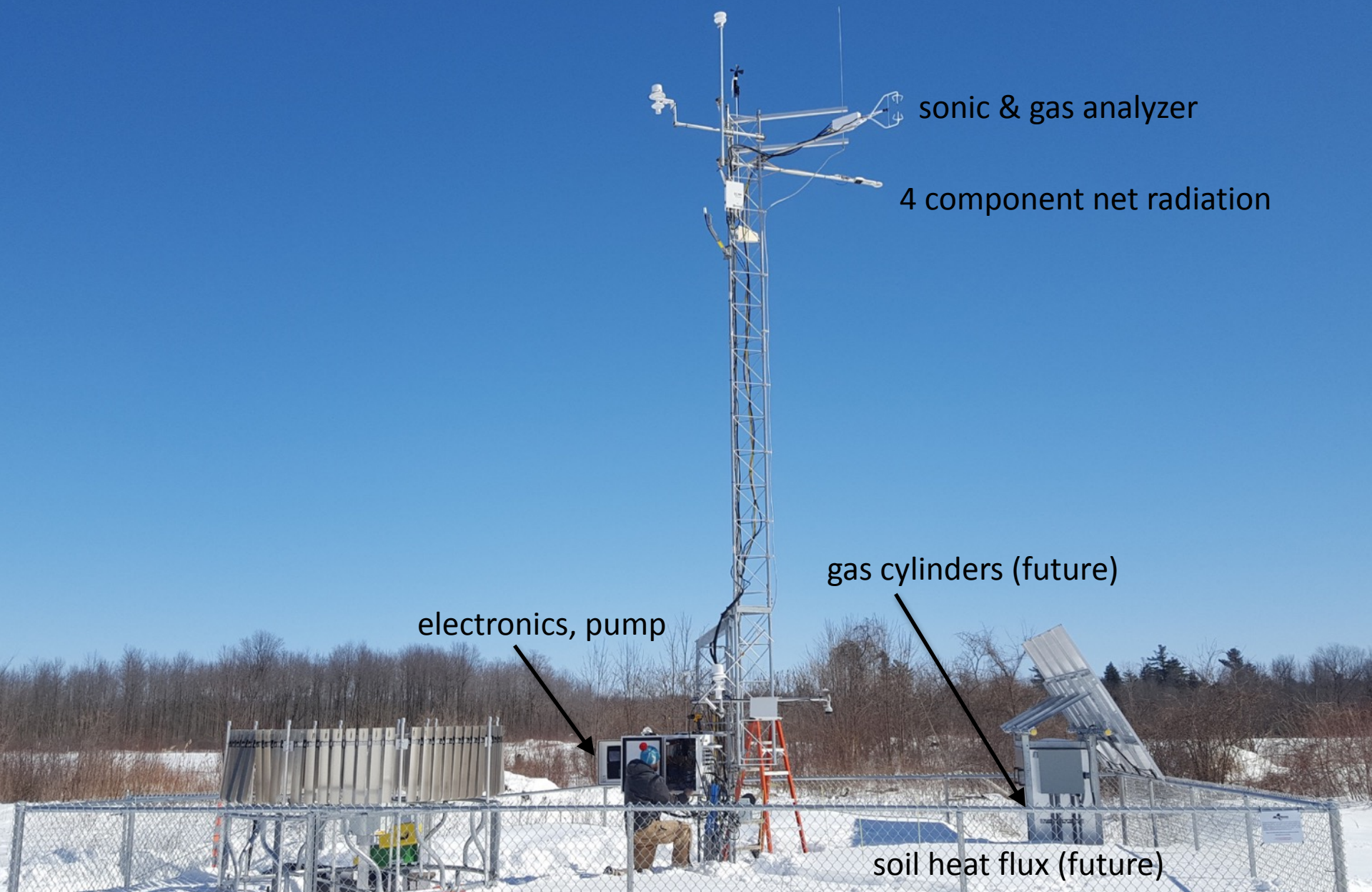
New York State Mesonet Flux Site Type



Land Use

Vineyard (3)
Orchard (2)
Canal (2)
Complex (2)
Crops (2)
Schools (2)
Wind farm (1)
Urban (3)

Flux Site Layout



sonic & gas analyzer

4 component net radiation

electronics, pump

gas cylinders (future)

soil heat flux (future)

Thank You

