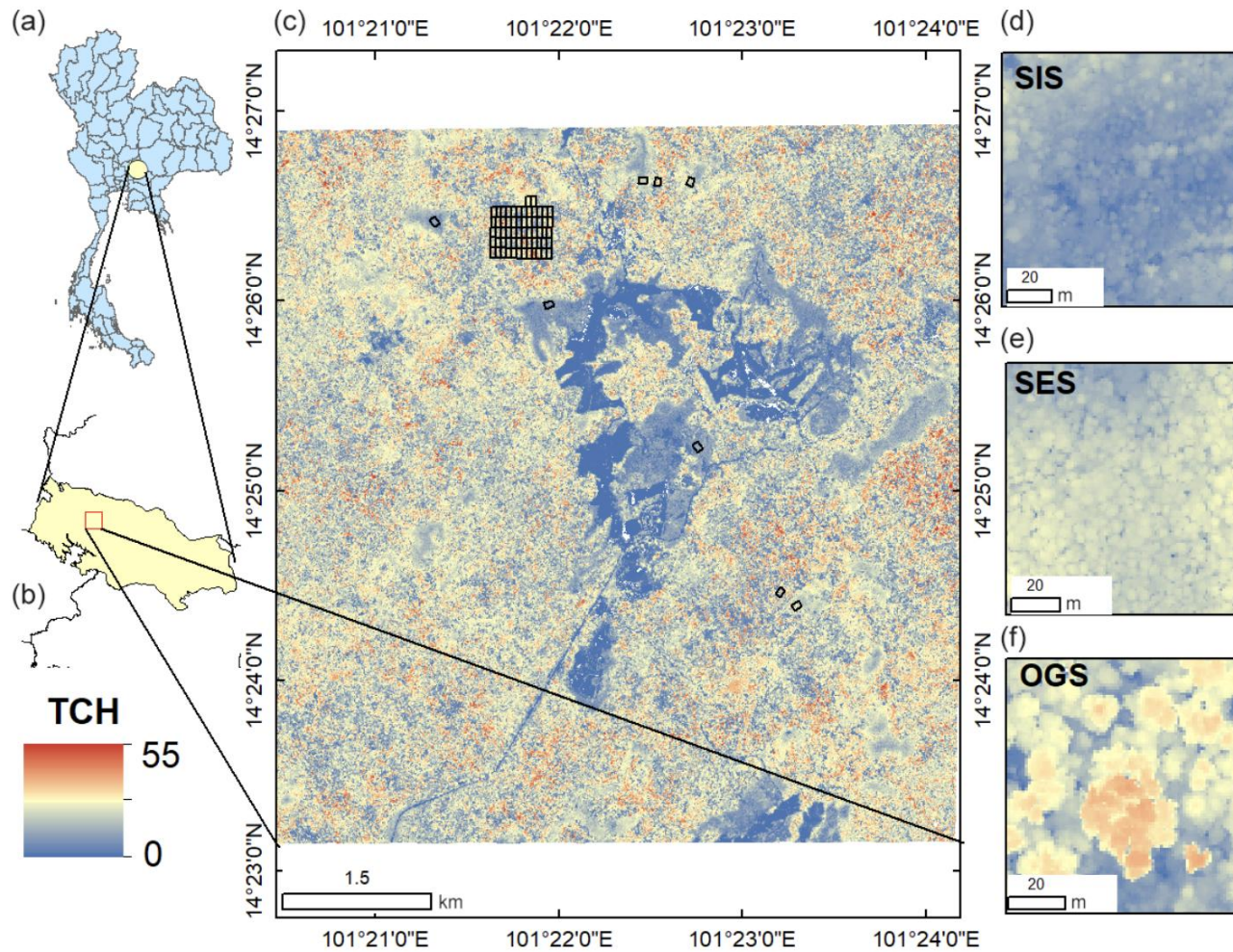




Exploring the optical properties of a tropical forest

Raeya Ogas





- Khao Yai National Park in Thailand
- Plots at three different successional stages
- Multiple levels of data acquisition
 - Ground
 - Canopy
 - Airborne

- 1026 leaves collected along with physical, chemical, taxonomic, optical characteristics
- A few goals:
 - Ecologically, study the dynamics of a recovering tropical forest to inform forest management
 - Large dataset to test our leaf model's ability to accurately estimate leaf properties
 - Scale up to airborne, satellite imagery—advance remote ecosystem monitoring



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