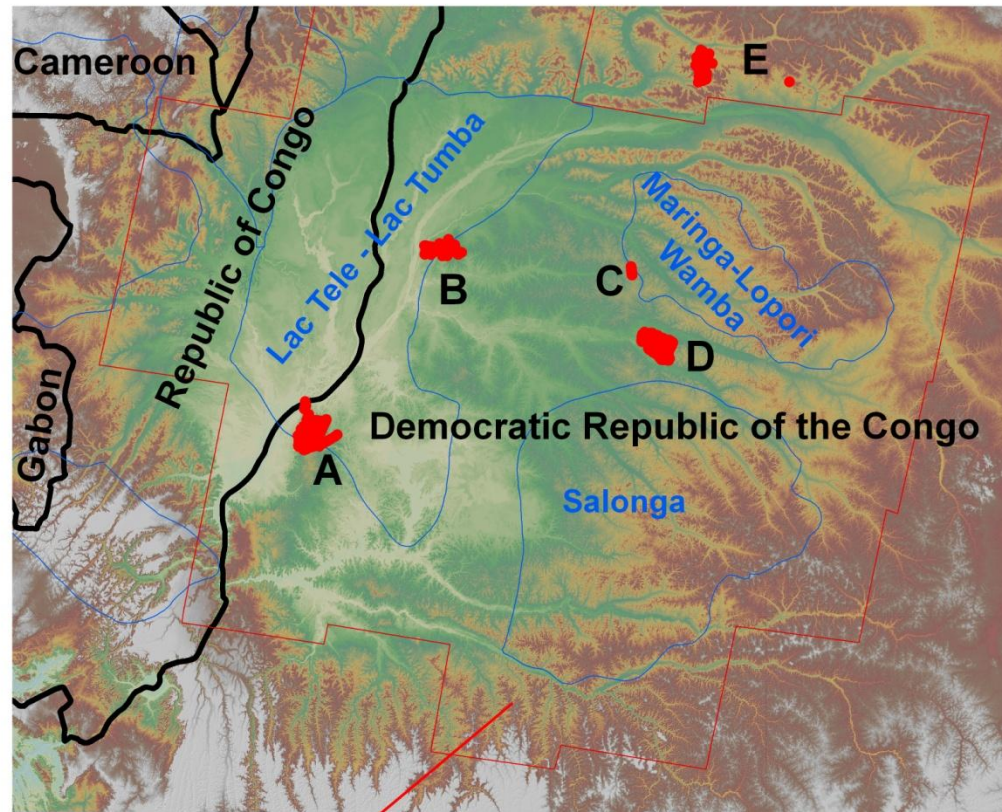


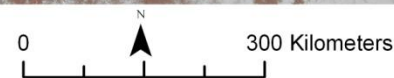
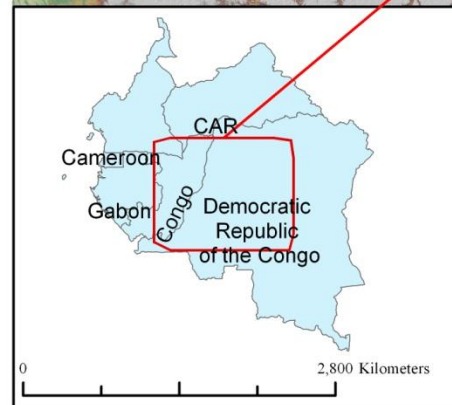
Mapping wetland extent in the Cuvette Centrale

Bwangoy Bankanza, SDSU



Inputs for mapping Cuvette Centrale wetland extent:

- SRTM-derived topographical indices
- Landsat composite data
- Radar high water data



Elevation

High : 1067

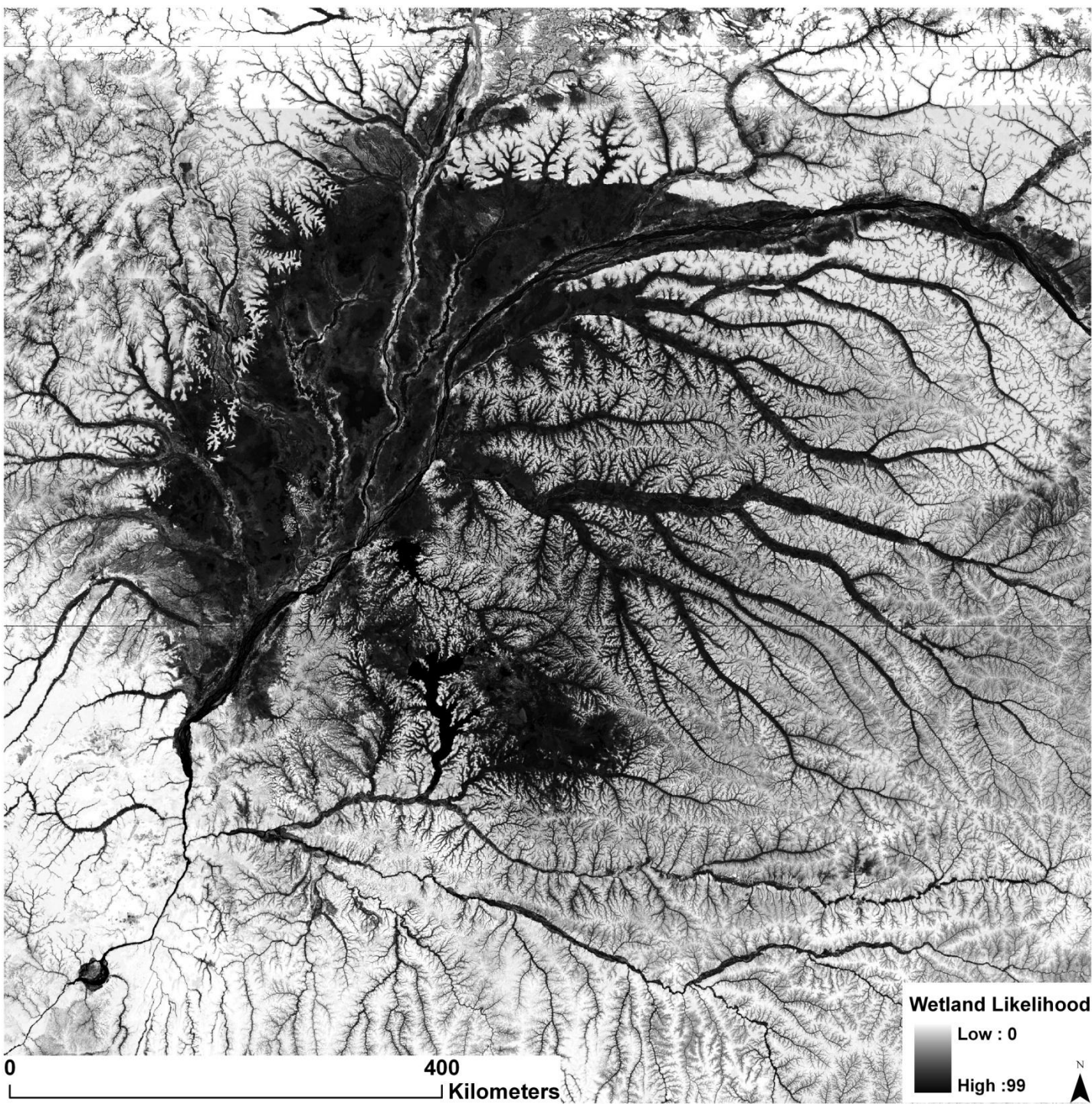
Low : 19

• Validation sites

▭ Grid Sampling area

▭ Landscape limits





0

400

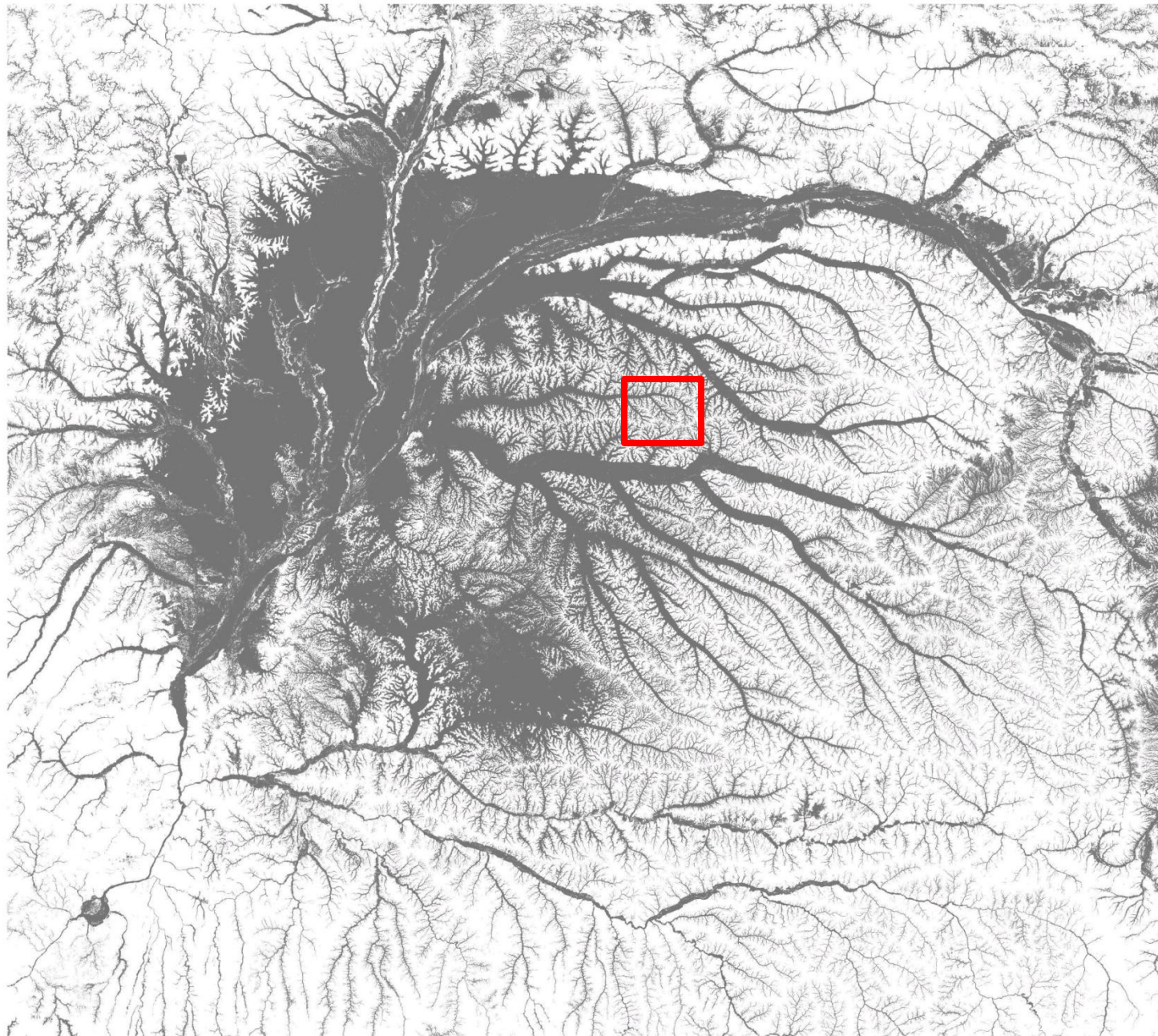
Kilometers

Wetland Likelihood

Low : 0

High : 99

N



0 200 Kilometers

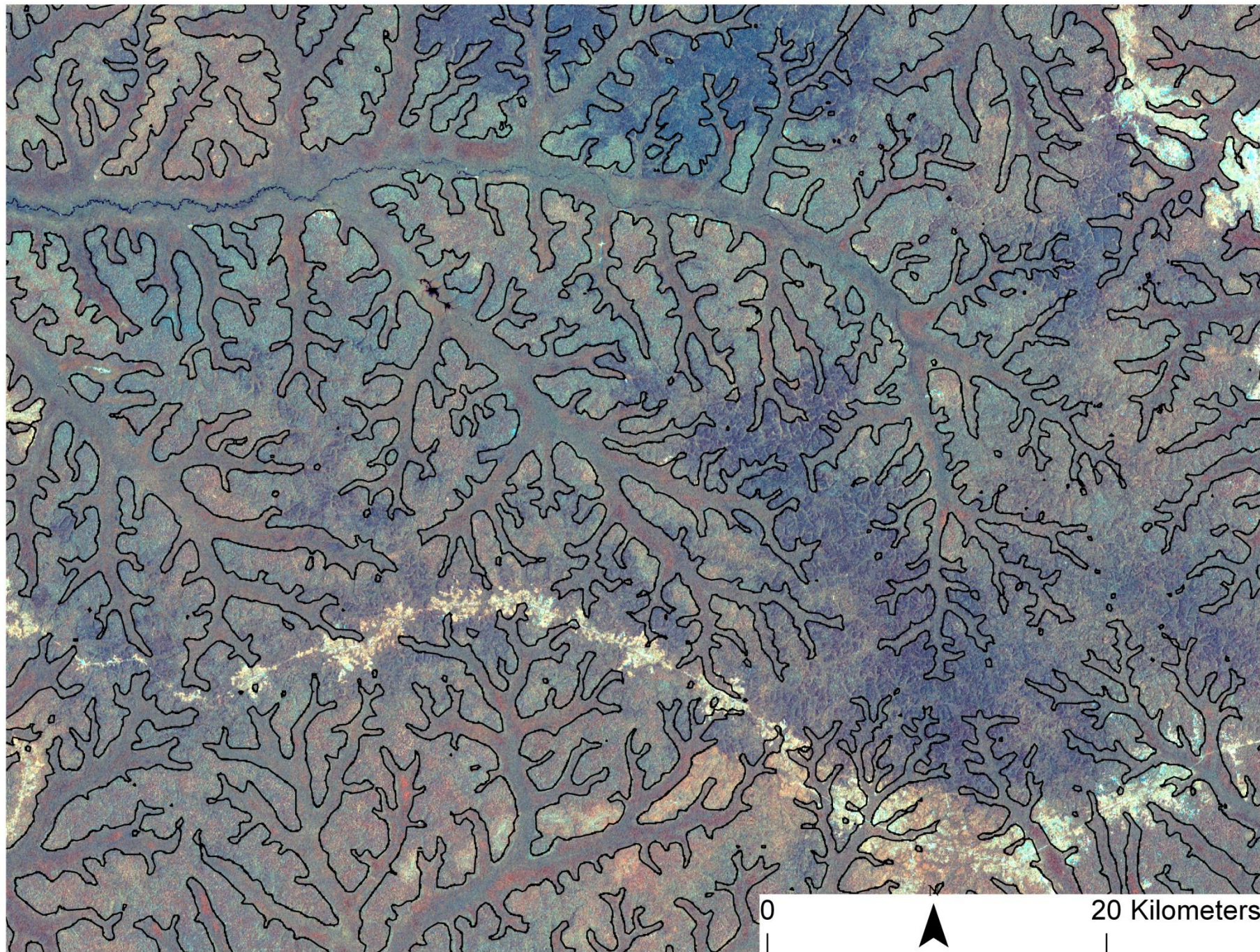


Wetlands



Non Wetlands





Congo Basin Wetlands

- 32% of study area, or 360,000 km² of wetlands within the Cuvette Centrale
- Results correspond well with forest inventory data
- Useful as inputs to biogeochemical, land use and hydrological models as well as forest management applications
- Method to be extended across Central Africa