Pijanowski - Multi-Sensor Biodiversity Framework

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Temperate Forest (Tippecanoe)

Miombo Woodland (Tanzania)

Mangroves (Bangladesh)

Forest-Steppe (Mongolia)

- GEDI, DESIS, ECOSTRESS
- MODIS, Landsat, ICESat
- Acoustic Sensors
- "Silent" data:
  - Field Surveys
  - Forest Inventories
  - UAV
  - Weather Stations

ACOUSTIC INDICES

VEGETATION INDICES

3D LIDAR

T-SNE

Multi-spectral Imagery

LOESS

TIMESAT

ARIMA

CNN

SVM

Multi-sensor Biodiversity Modeling Framework