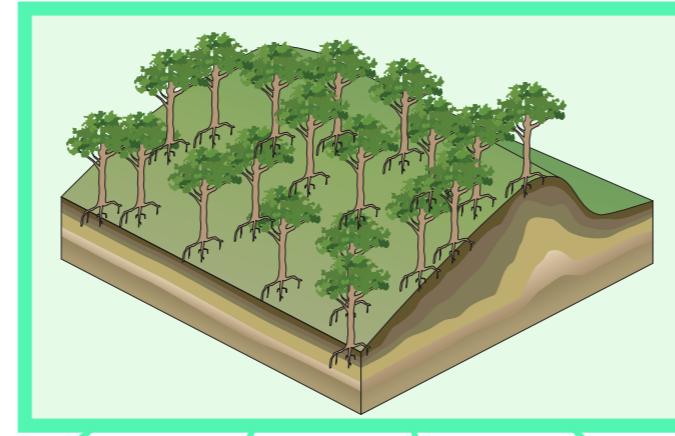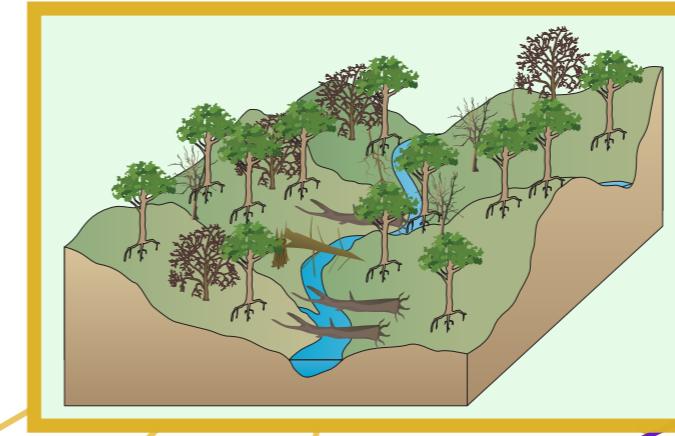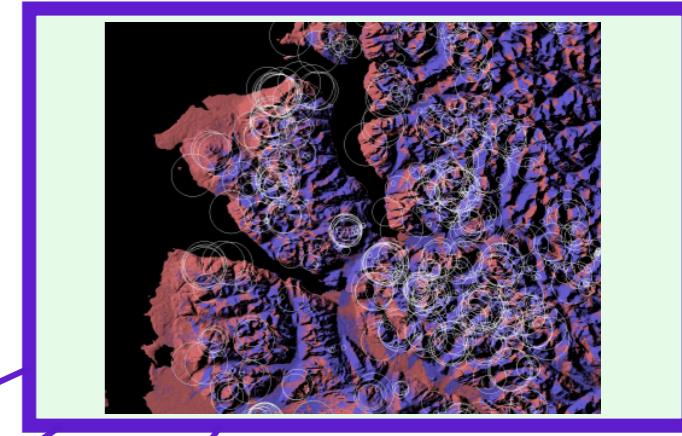**CZO Goals**

Carbon Pool Inventory

Biota-driven Landscape Evolution

Water, Biogeochemical & Energy Fluxes

Disturbance Regime Understanding

Key Metrics

Tree biomass & Soil Organic Carbon

Atmosphere-Tree Energy Transfer

Tree Mortality

Landslide detection & localization

Meteorological Triggers & Drivers

Streamflow & POC Discharge

Methods

Dendrometrics

ALS/TLS 3D Clouds NSM & DoD

Seismic Network

Meteorological Network

Seismic Inversion