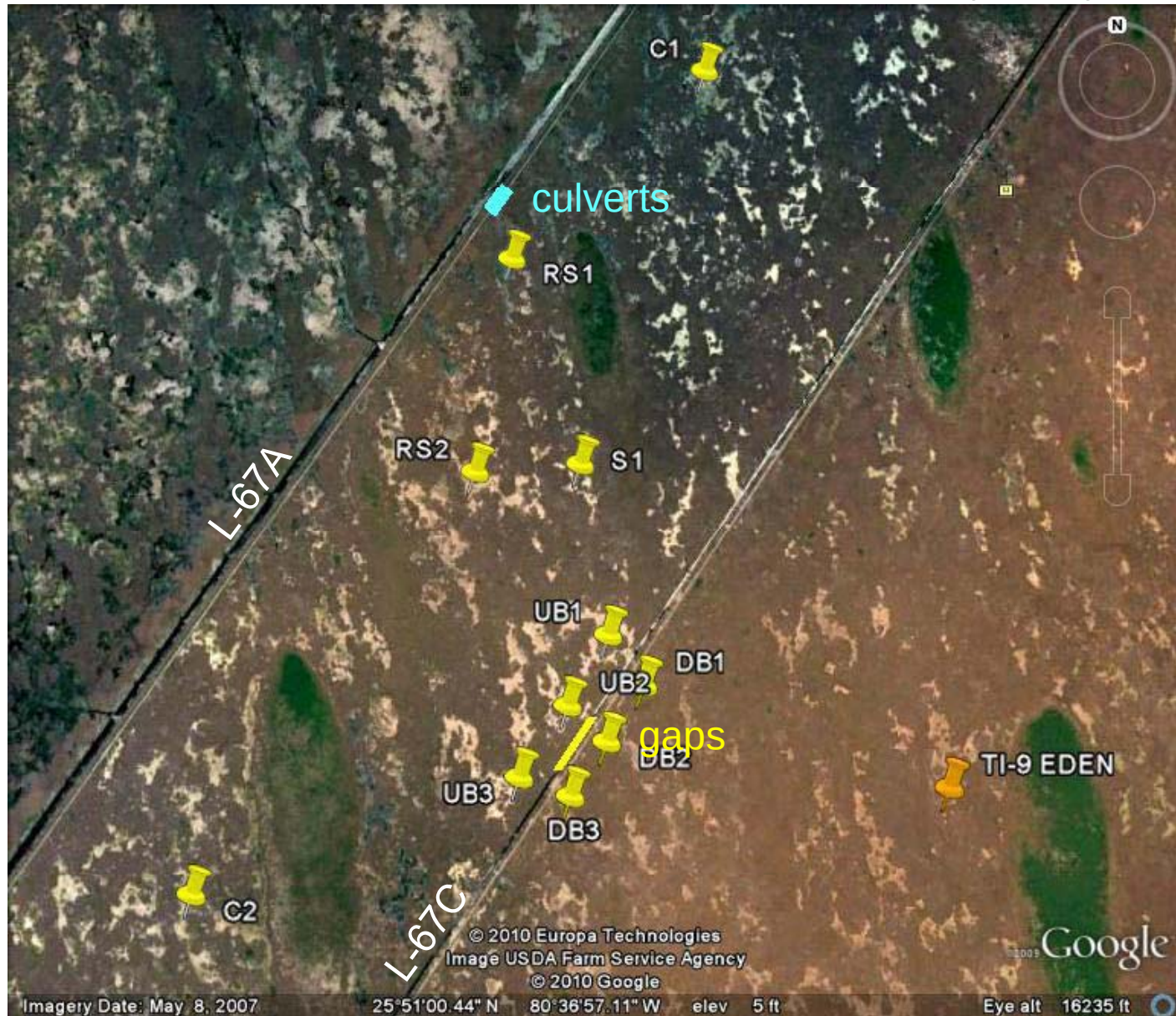
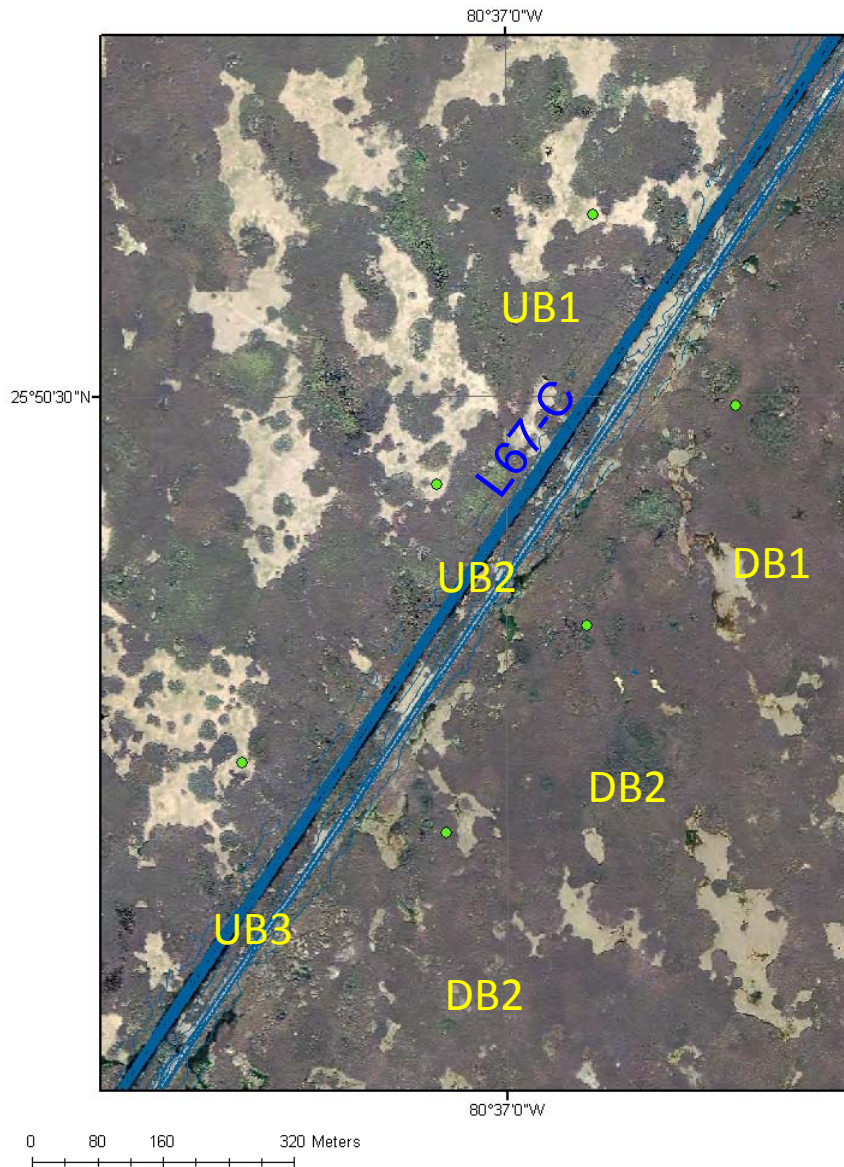


The DPM (Decompartmentalization Physical Model) is a large-scale test of the effects of flow on landscape dynamics

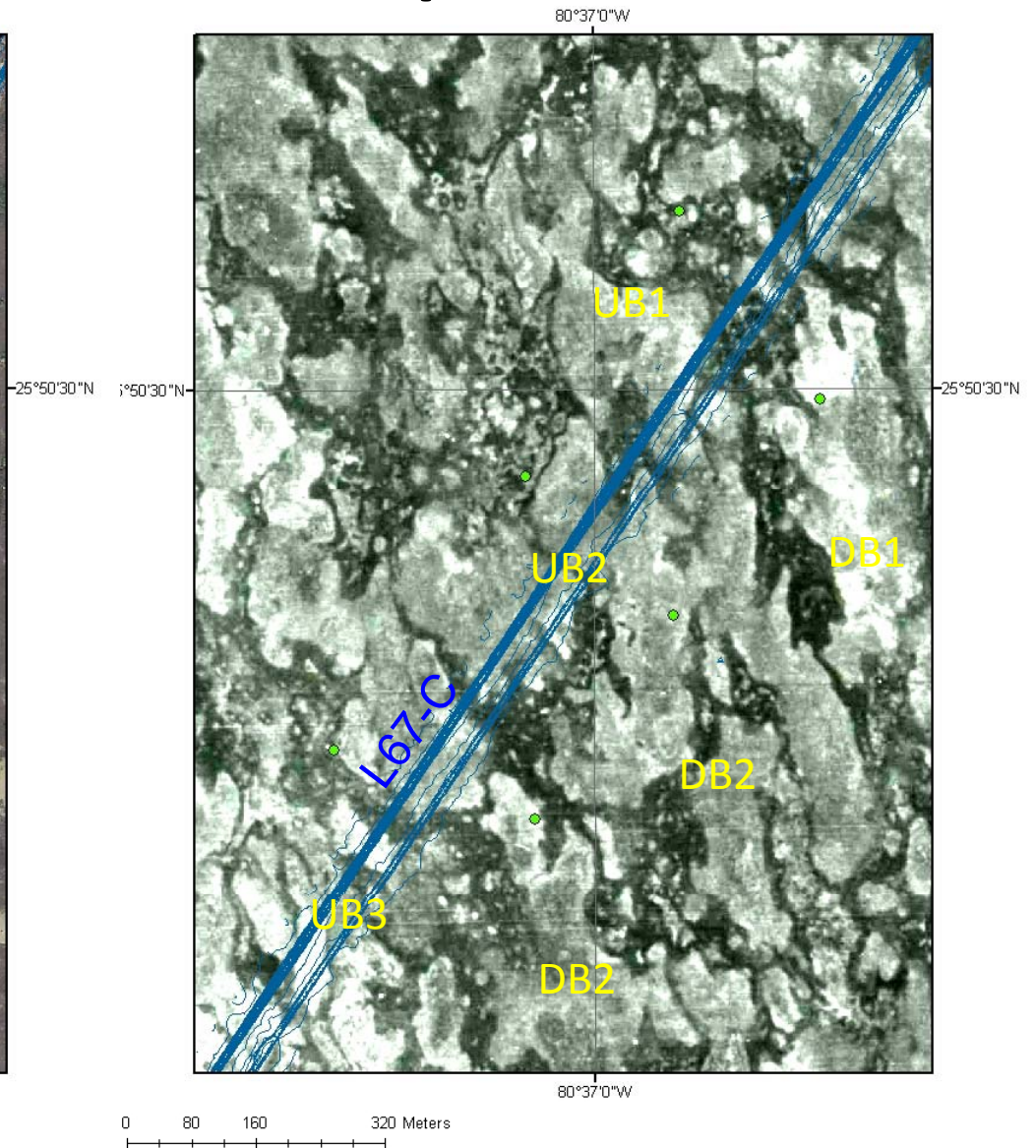


DPM canal sites: 1940 vs. present



Present

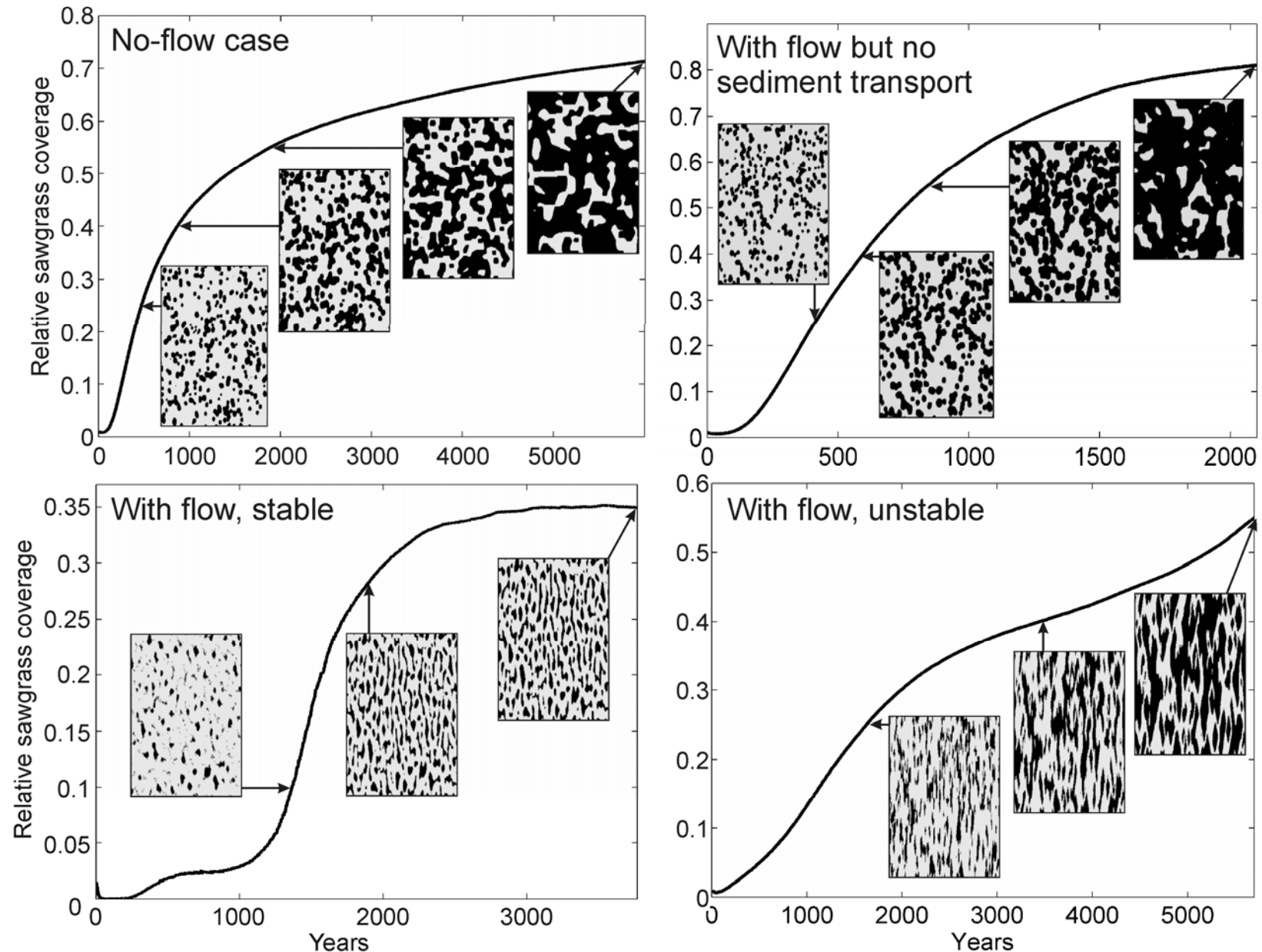
Sloughs light, ridges dark



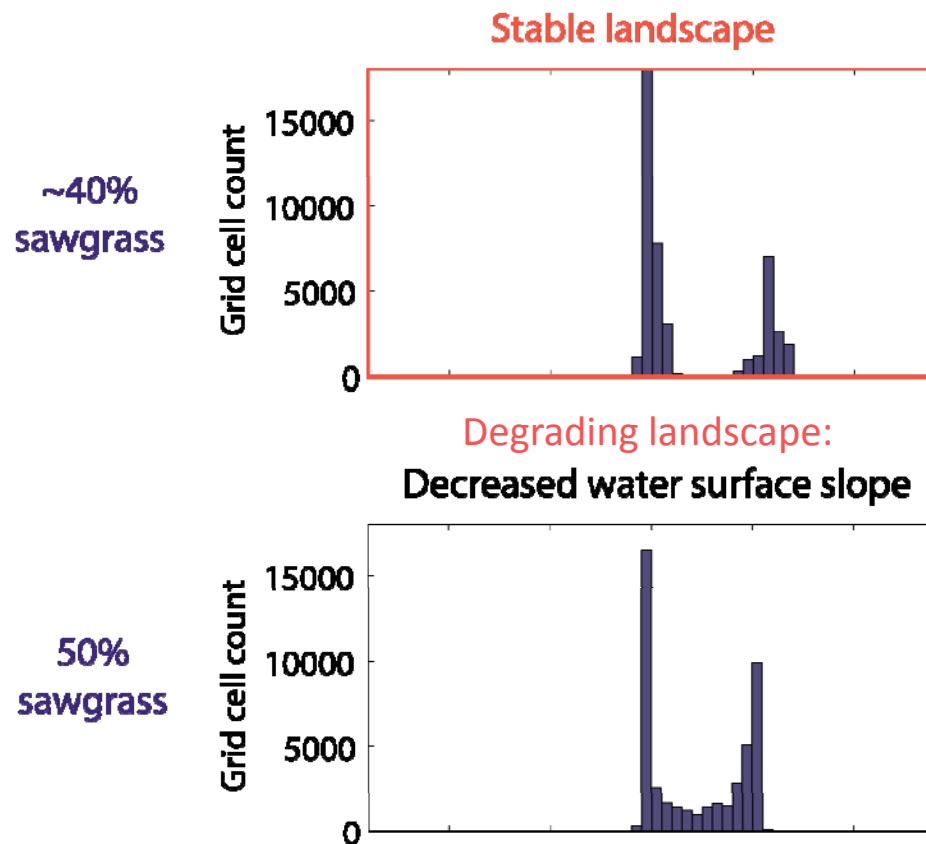
1940

Sloughs dark, ridges light

Flow that redistributed sediment was required for stable ridge and slough landscapes



Possible ridge and slough landscape performance indicators



Short-term:

- Peat elevation histograms
- Suspended sediment concentration-duration curves

Long-term:

- Remote sensing assessment of ridge coverage and slough connectivity