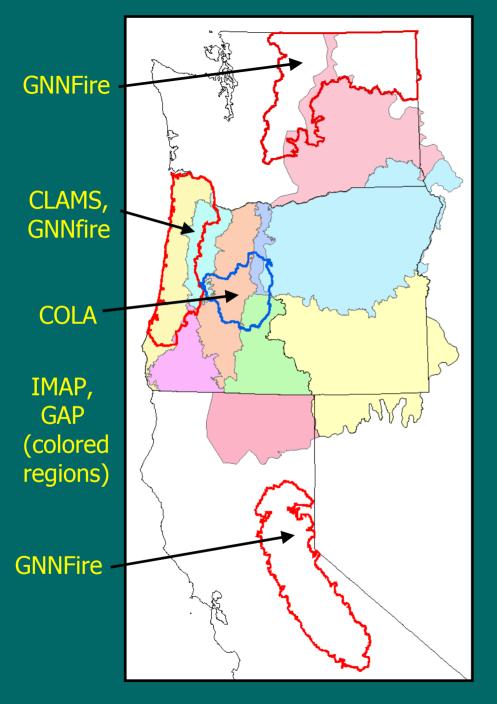
Mapping Current Vegetation in the Pacific Coast States with GNN, CART, and Other Tricks

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Collaborators:

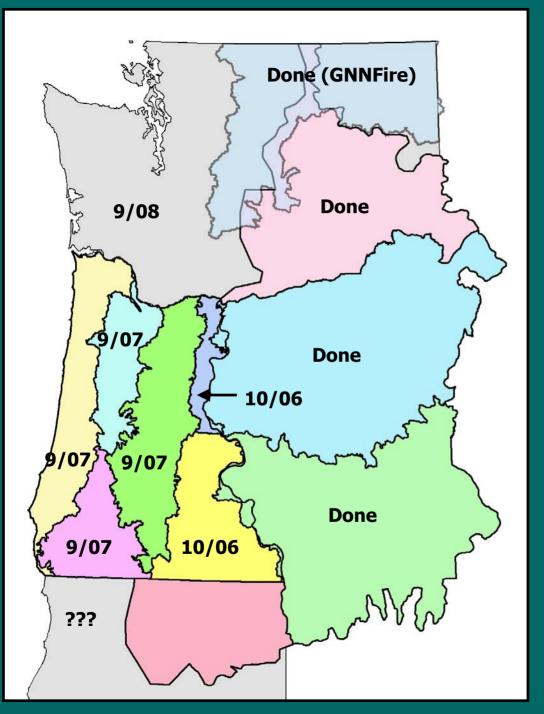
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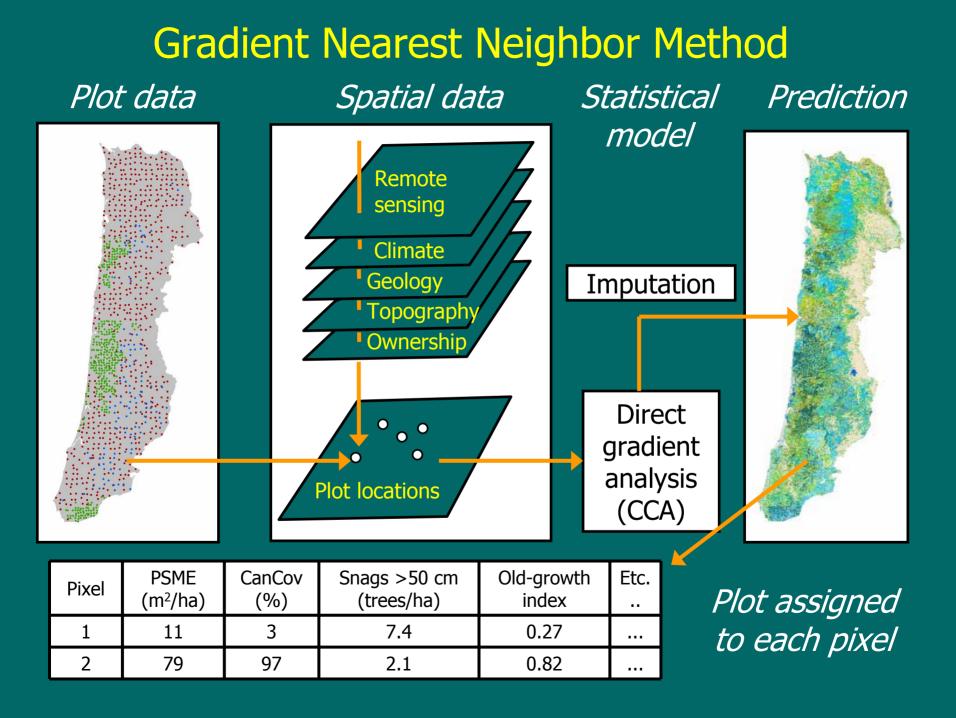
GNN vegetation mapping projects and applications

- Landscape modeling and scenario analysis: IMAP, COLA, CLAMS
- NWFP Effectiveness Monitoring
- Land management planning (Forest Plans, BLM Cumulative Effects, etc.)
- Regional risk assessment (WWETAC)
 - Fuels mapping (GNNFire), realtime fire behavior (Finney et al.)
 - Fire Learning Networks (Upper Deschutes, Sprague)
 - National 250-m study (RSAC, Brewer et al.)
- Biodiversity assessment and conservation planning (Gap Analysis Program (GAP))
- Research applications



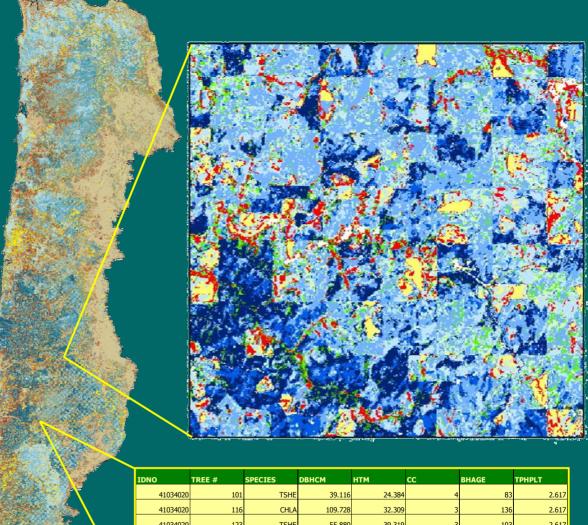
'Accelerated' Timeline for IMAP Vegetation Mapping

- NWFP area by 10/08 (CA???)
- ReGAP (Ecological Systems): all Oregon ecoregions by 12/07
- Map dates:
 - Oregon: 2000
 - Washington: 2005
 - Update/backdate to 1996, 2000, 2005 for NWFP???



Vegetation class from GNN - 1996





IDNO	TREE #	SPECIES	DBHCM	нтм	сс	BHAGE	TPHPLT
41034020	101	TSHE	39.116	24.384	4	83	2.617
41034020	116	CHLA	109.728	32.309	3	136	2.617
41034020	123	TSHE	55.880	39.319	3	103	2.617
41034020	129	PSME	200.152	58.826	3	913	1.000
41034020	133	PSME	66.802	40.843	3	99	2.617
41034020	316	TSHE	57.404	40.234	3	80	2.617
41034020	319	CHLA	105.664	45.110	3	244	2.617
41034020	320	CHLA	80.518	42.062	4	349	2.617

Goal: develop a map of current vegetation to support landscape modeling and analysis

