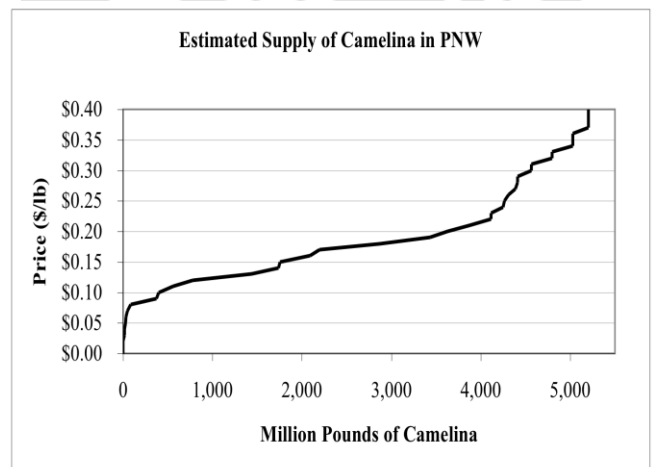
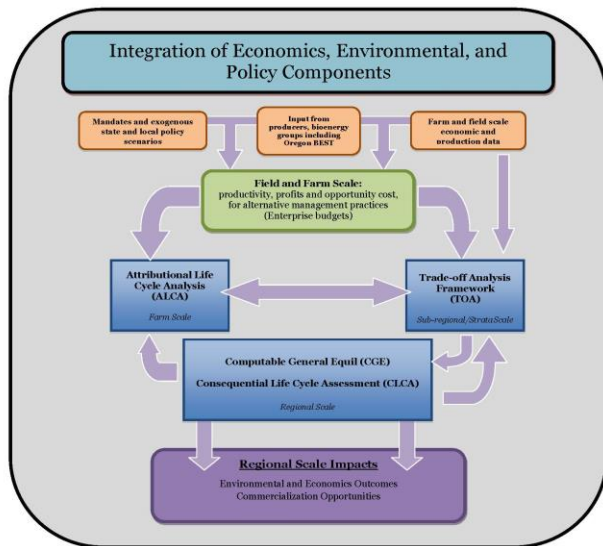




How Do Bioenergy Opportunities and Biofuel Policies Impact Alternative Options in the PNW

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A unique opportunity exists to explore the development of a regionally-appropriate oilseed crop production system in the Pacific Northwest (PNW) as part of a demand-driven supply chain for aviation biofuel production (Farm to Fly Initiative). This demand for aviation fuel creates an opportunity to integrate a viable bioenergy crop, camelina, into the dryland cereal agricultural production system of the region. Our collective effort will evaluate this initiative and other policy options and commercialization opportunities, and assess the economic and environmental sustainability of oilseed production systems as part of a regional biomass feedstock. This will be accomplished utilizing a science-based policy *integrative* framework that incorporates *multiple scales and multiple production and processing stages*. The focus on integration and multiple scales is deliberate. Characterizing producers and processors in the region, and the use of a suite of integrated economic-environmental research components, all calibrated to represent the region's biofuel processing and production systems and associated environmental outcomes, is critical to fully capture and assess the sustainability of the biofuels systems.



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