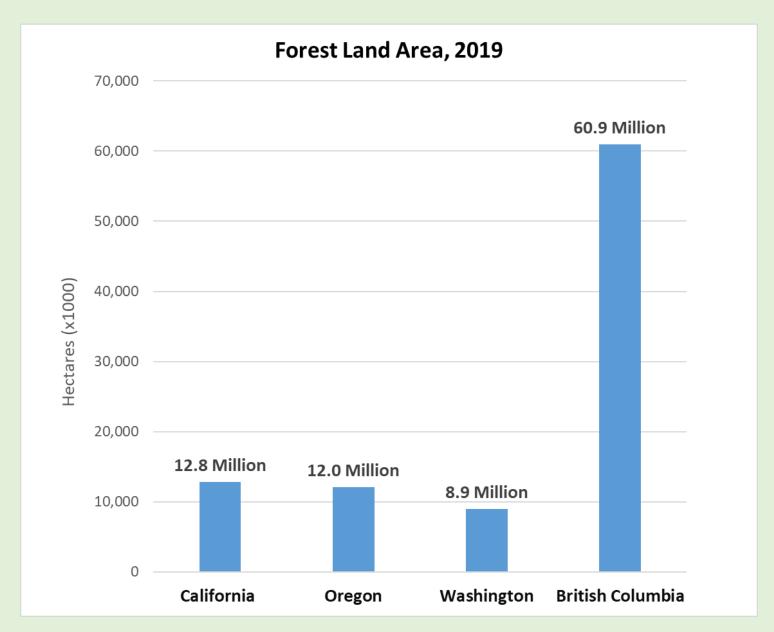


General updates

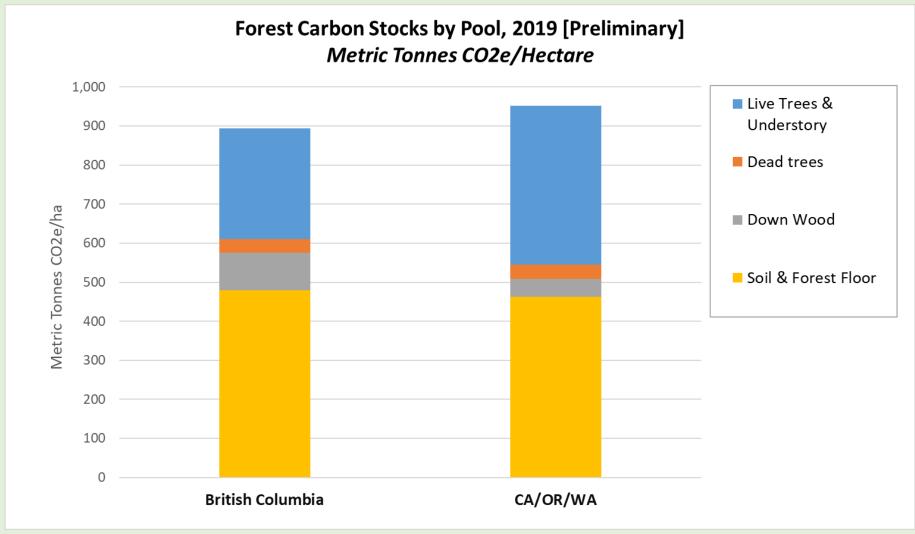
- AB 1504 2020 report
- Pacific Coast Temperate Forest Regional Carbon report
- Forest management and wood utilization carbon modeling
- Harvested wood product carbon estimation tool Live demo

Pacific Coast Region (PCR) Forest Area

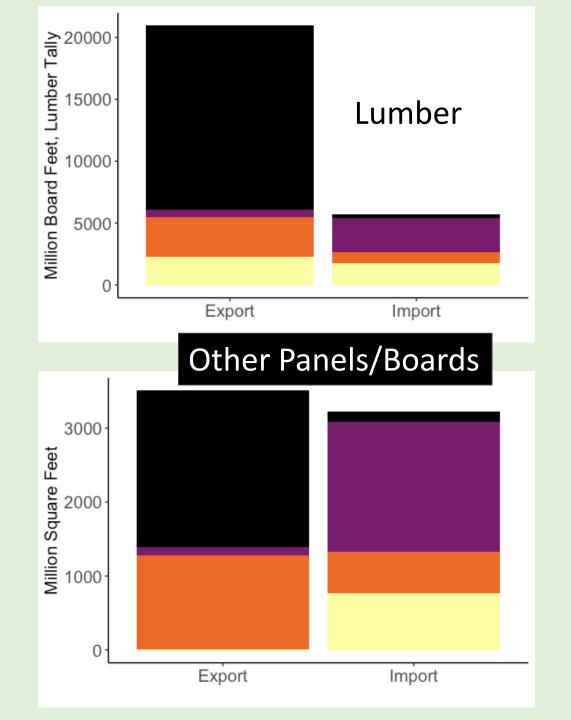




PCR Forest Carbon Stocks





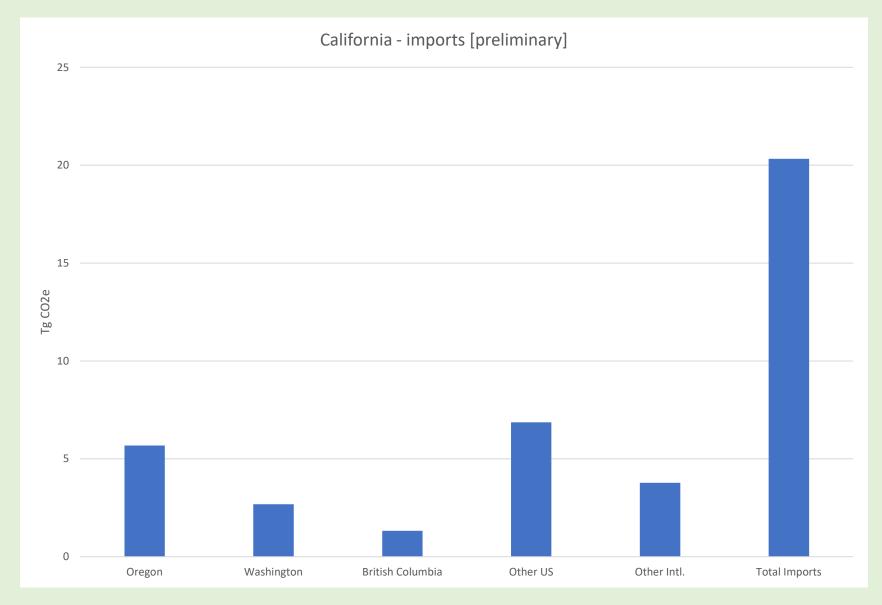


PRELIMINARY RESULTS - Origin (for exports) and destination (for imports) for primary wood product trade flows in the PCR

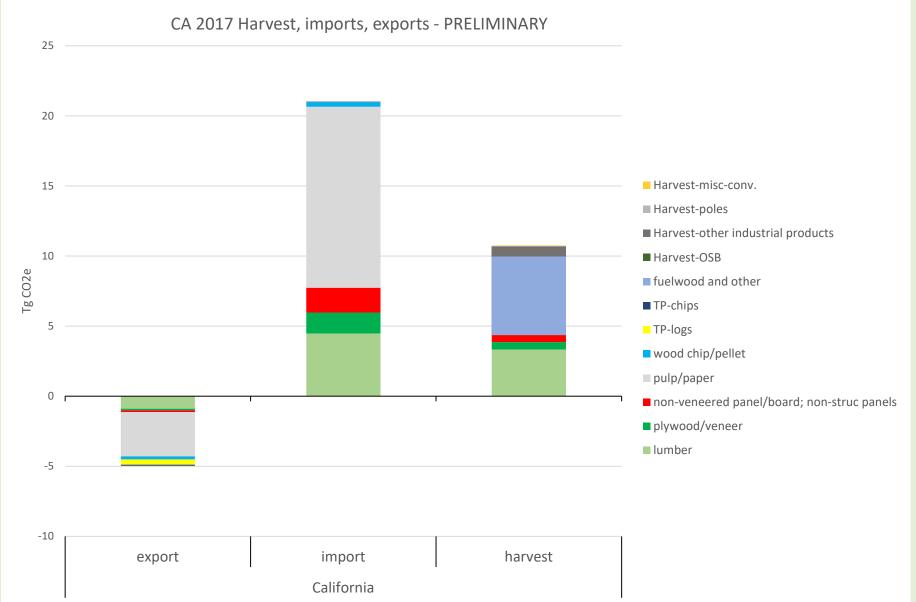




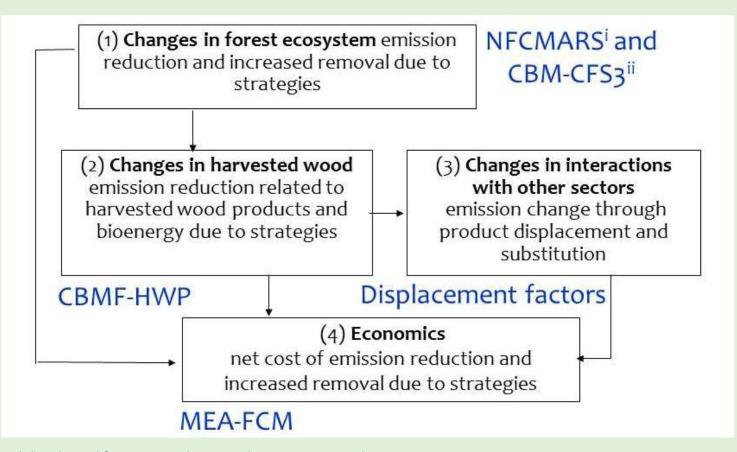
CA import origins



CA import/exports (preliminary results)



Effects of forest management and wood utilization scenarios on carbon sequestration and storage in California











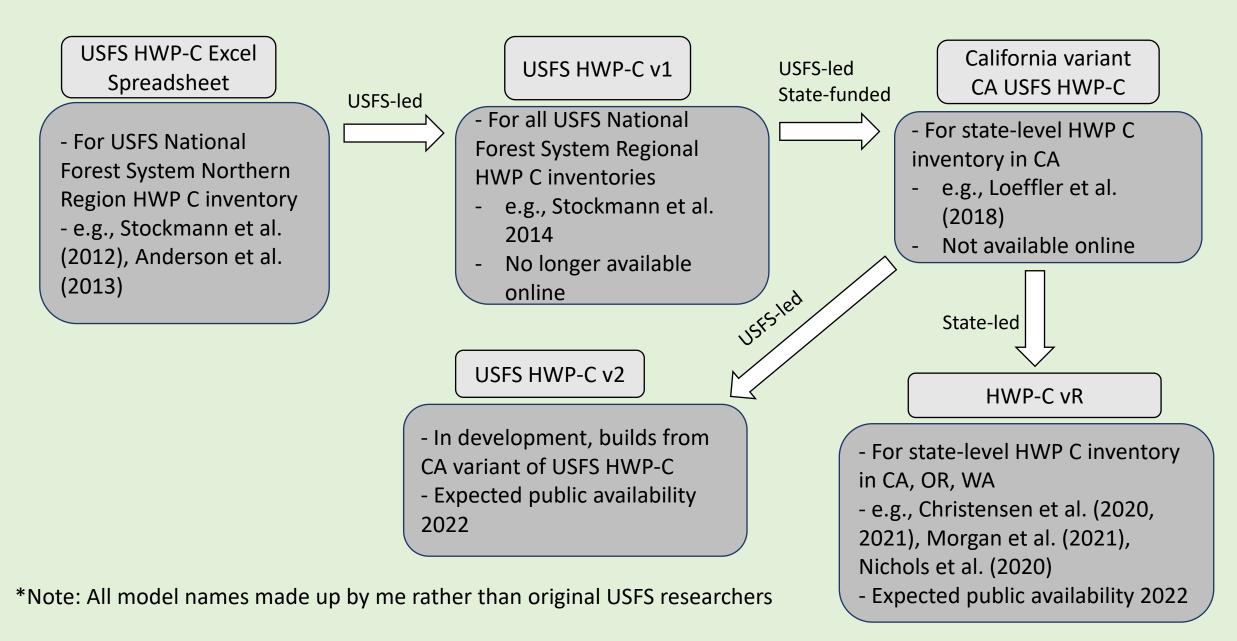


Slide adapted from C. Smyth, Natural Resources Canada

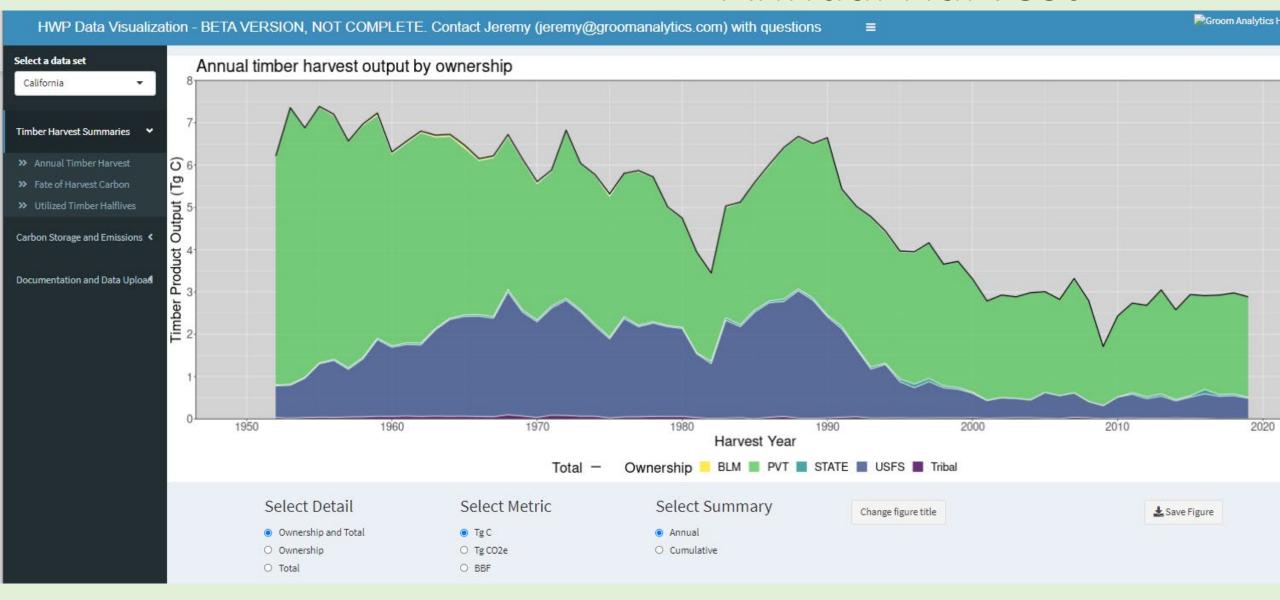
Live Demo: HWP C vR estimation tool

(expected public availability later this year)

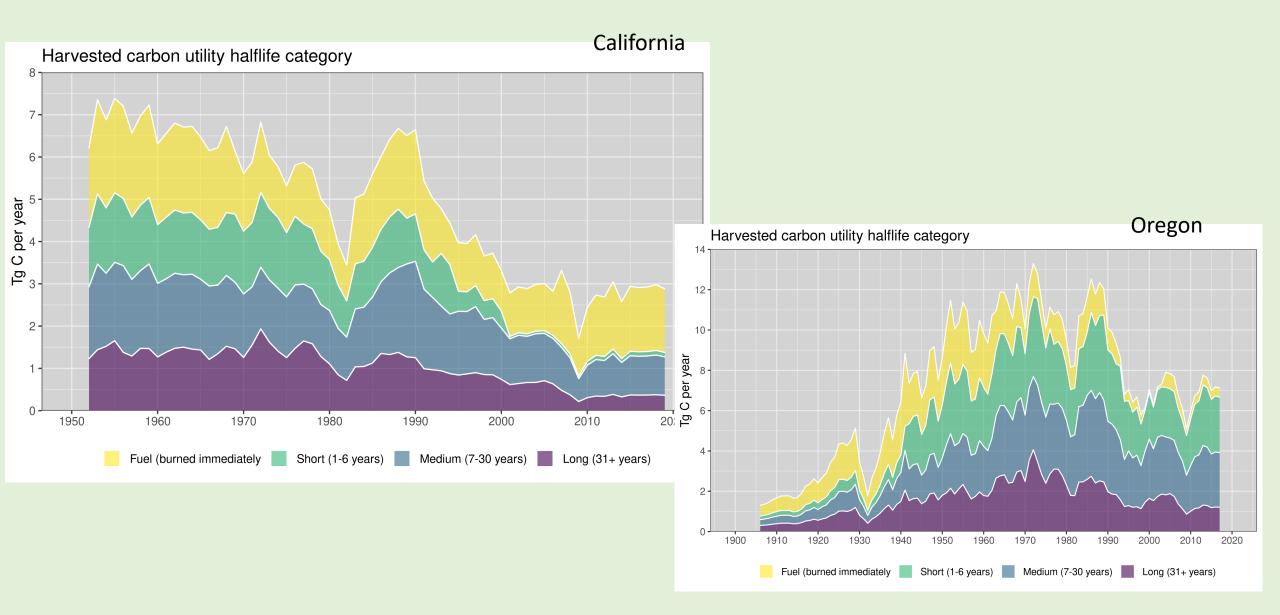
Evolution of the USFS HWP Carbon inventory tool



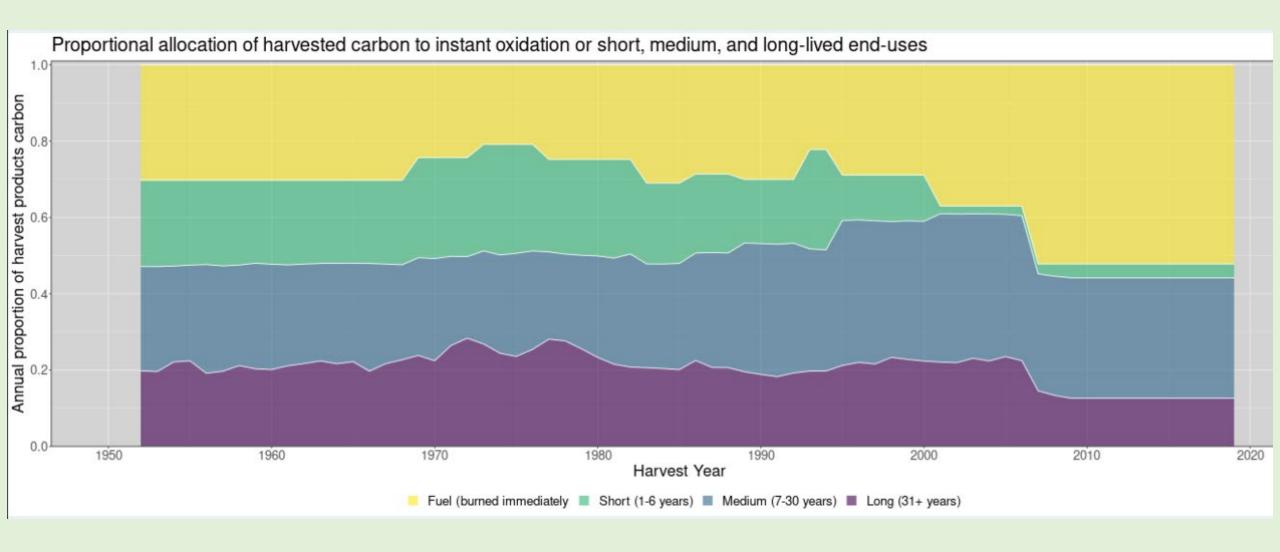
Annual Harvest

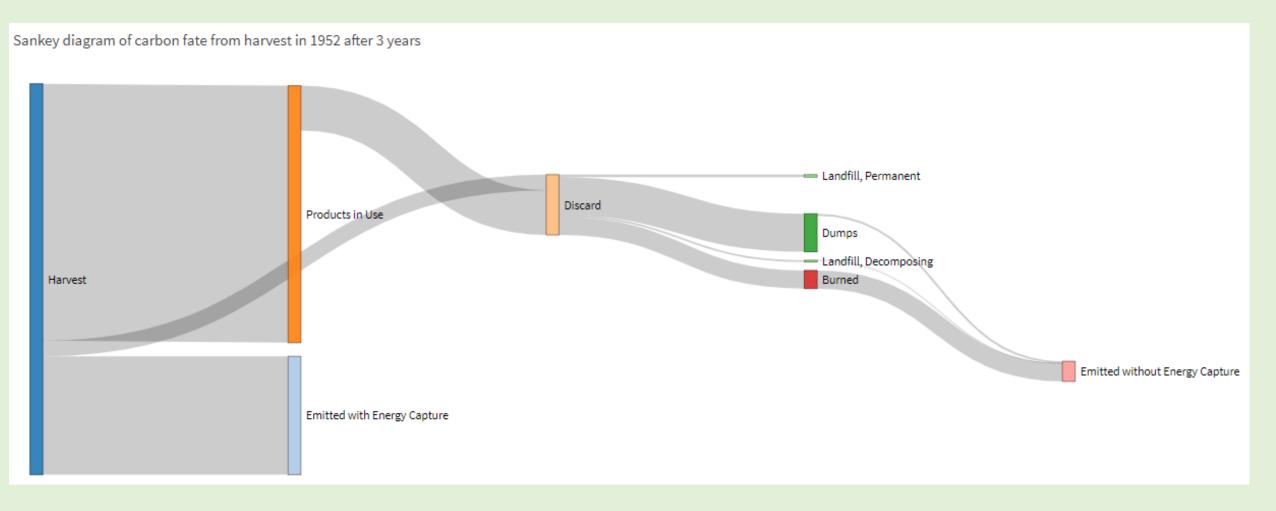


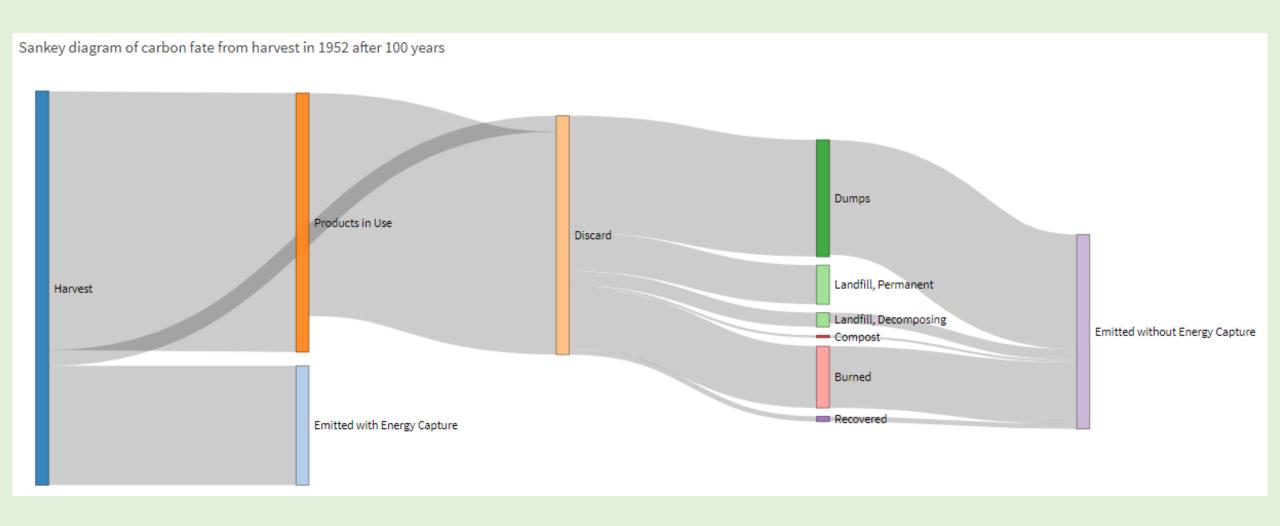
Annual harvest by end-use functional lifespan

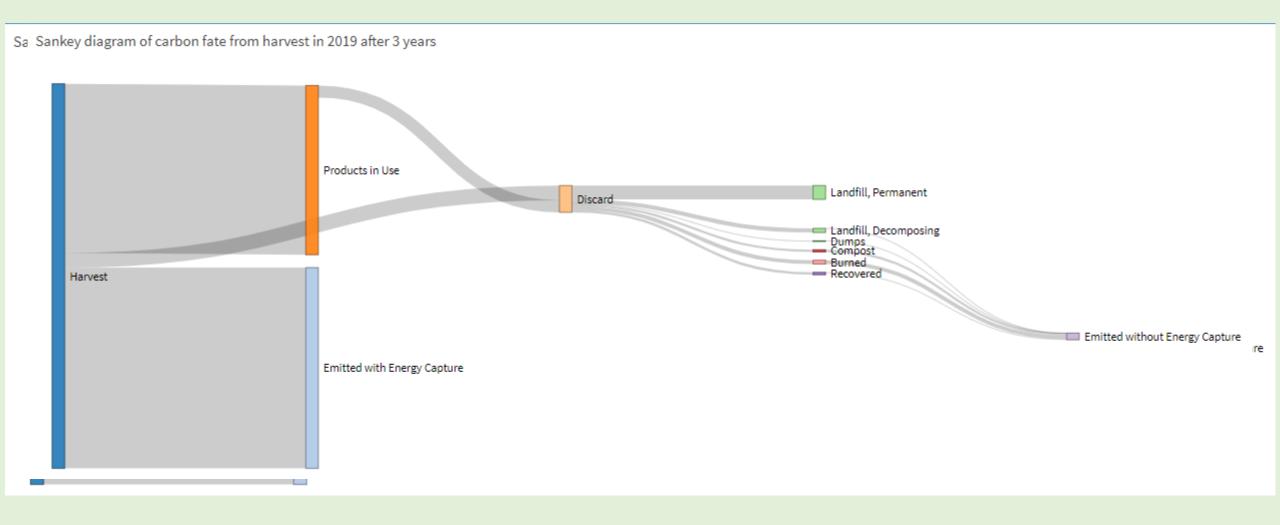


Proportion of annual harvest by functional lifespan



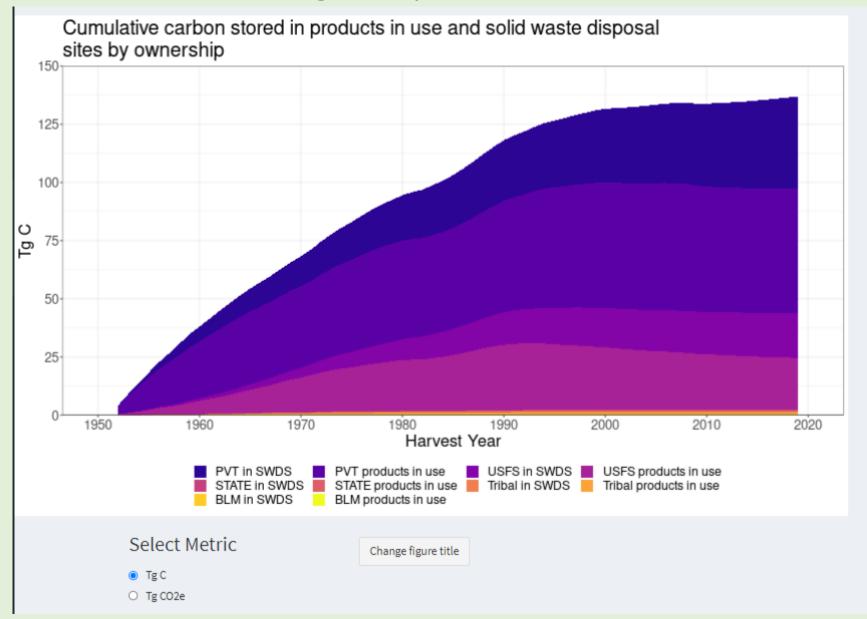






Sankey diagram of carbon fate from harvest in 2019 after 100 years Landfill, Permanent Products in Use Discard Dumps Landfill, Decomposing Compost Harvest Burned Recovered Emitted without Energy Capture Emitted with Energy Capture

Carbon storage by owner



Carbon Pools to Display

- Products in Use & SWDS
- O Products in Use
- O SWDS

Select Ownerships

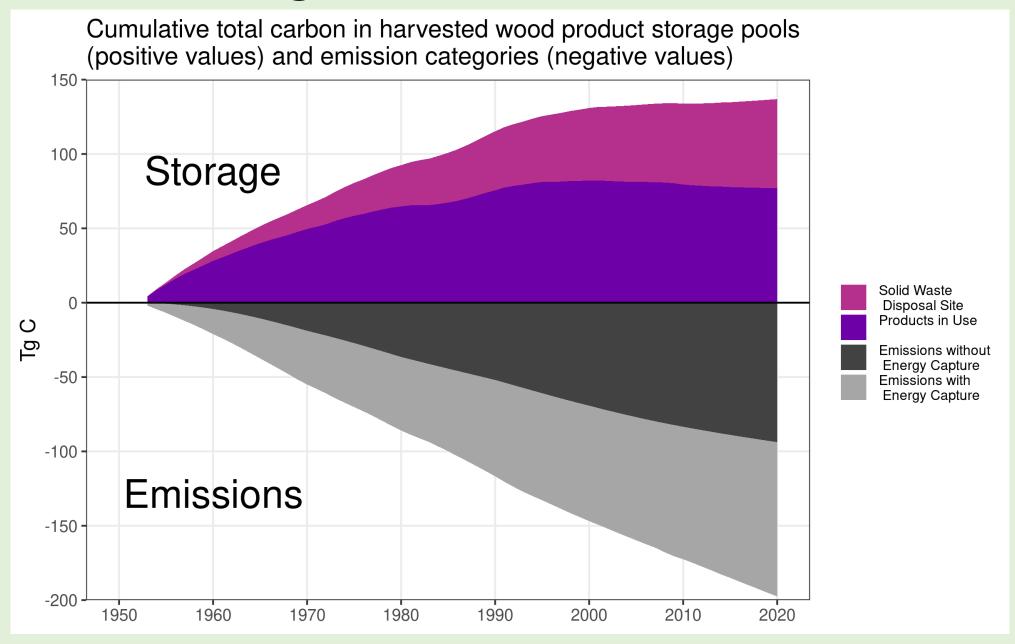
- BLM
- PVT
- ✓ STATE
- USFS
- Tribal

🛓 Save Figure

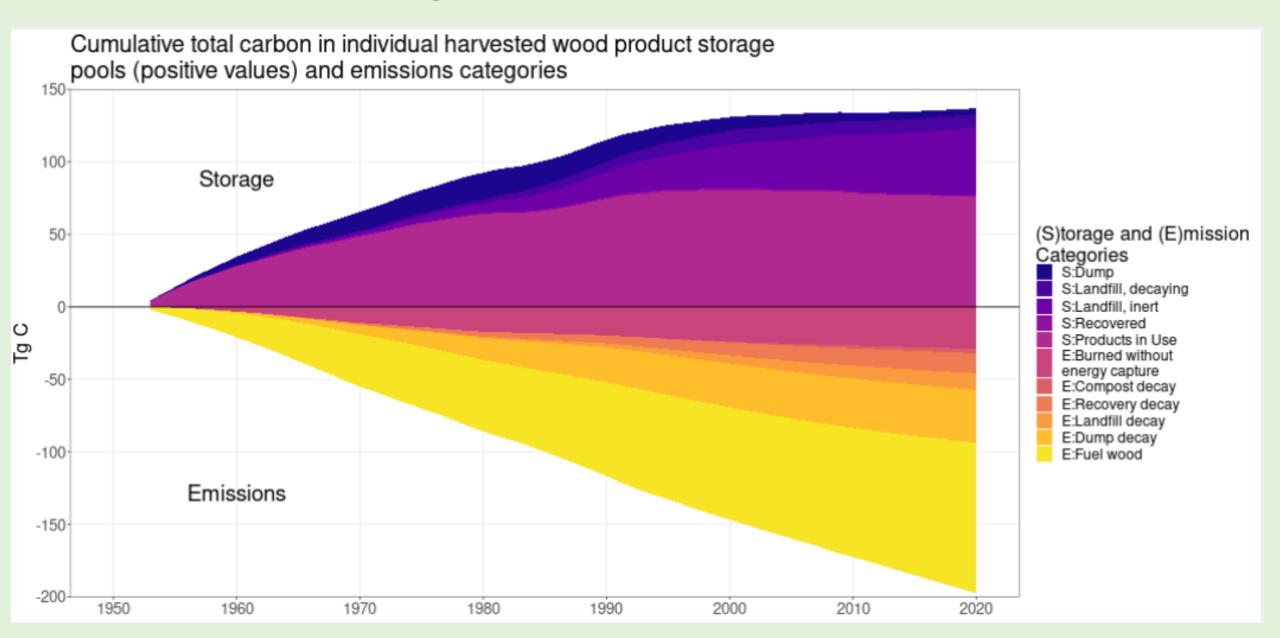
Carbon storage by owner



Cumulative storage and emissions

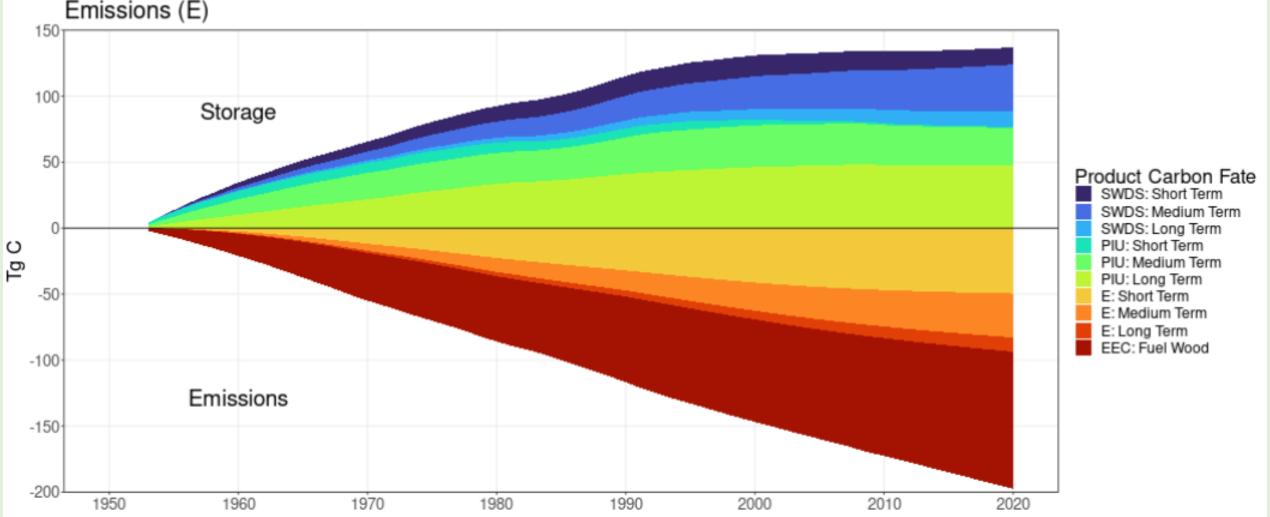


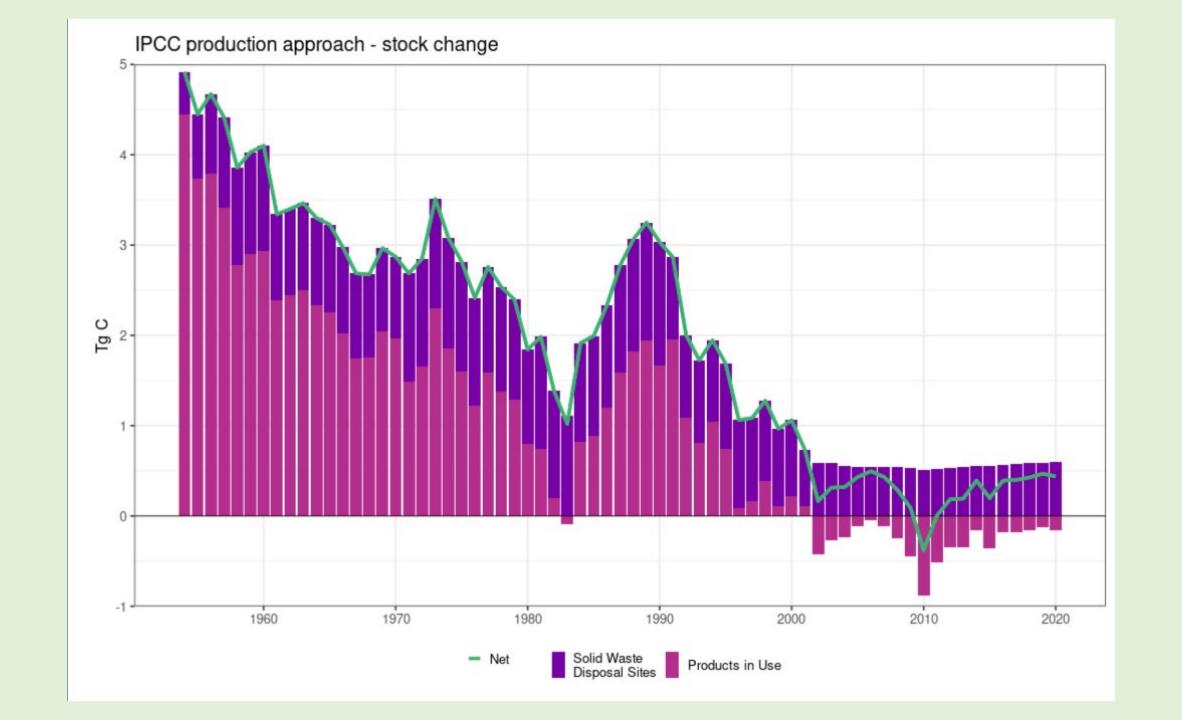
Cumulative storage and emissions

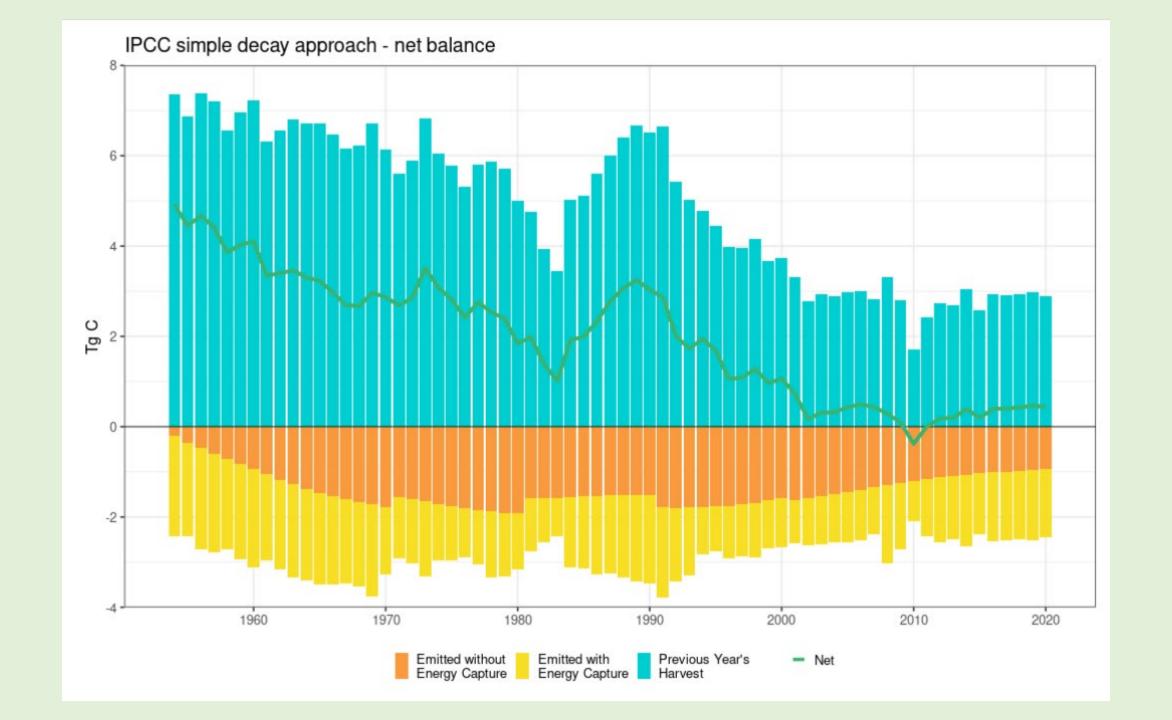


Cumulative storage and emissions

Distribution of carbon from products with short (1-6 years), medium (7-30 years) and long (31+ years) term Products in Use (PIU) half lives and the carbon's fate in Solid Waste Disposal Sites (SWDS) and Emissions (E)

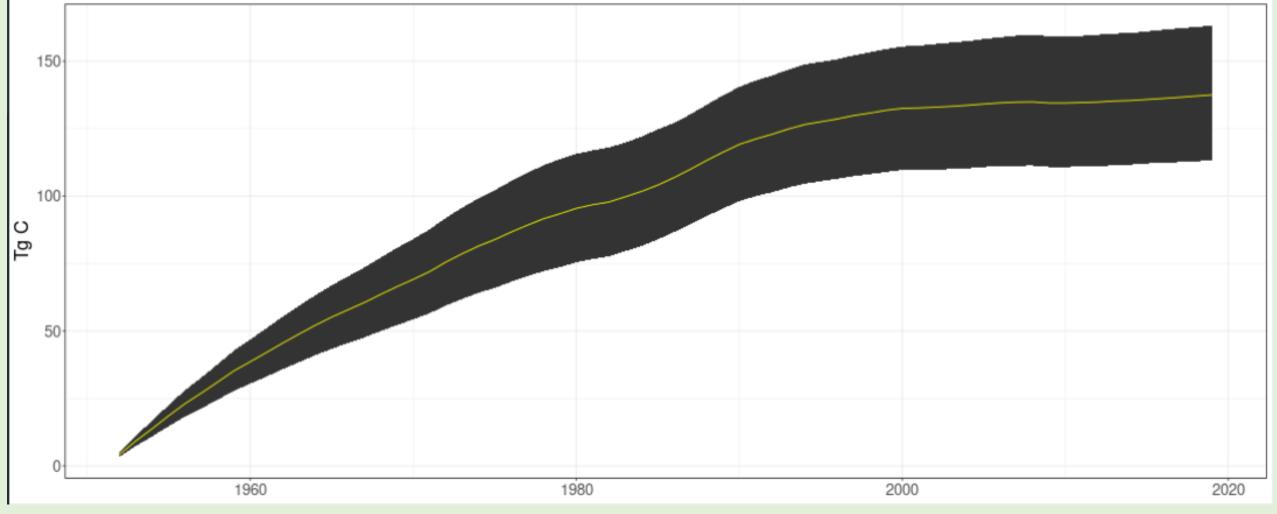




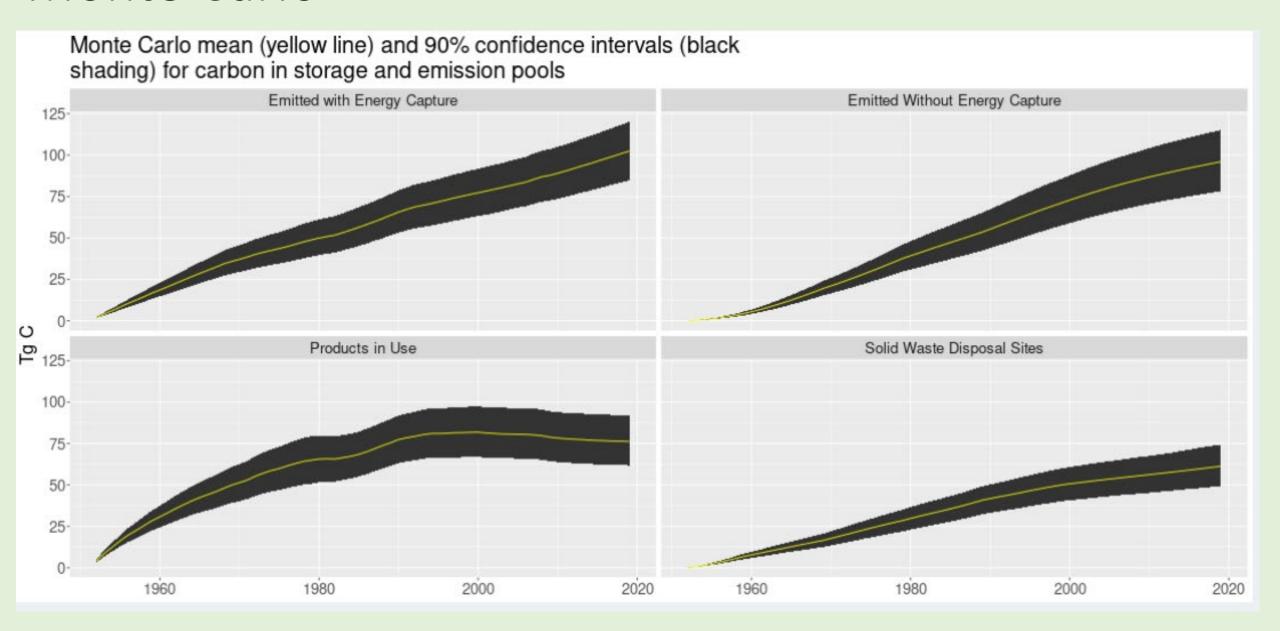


Monte Carlo

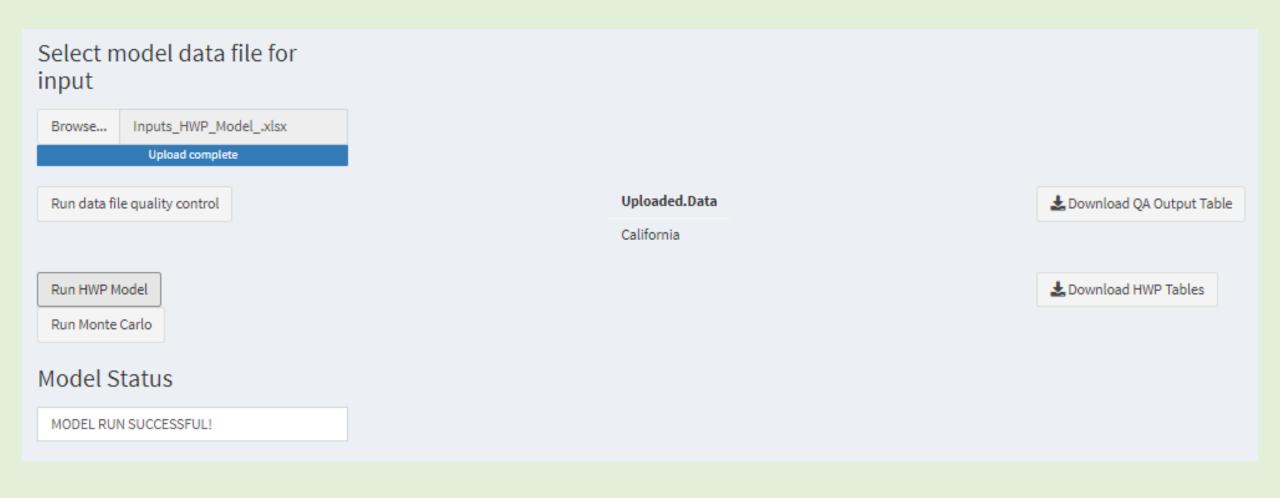
Monte Carlo mean (yellow line) and 90% confidence intervals (black shading) for carbon in storage pools combined (products in use and solid waste disposal sites)



Monte Carlo



Run your own data!



Questions? nadia.tase@fire.ca.gov