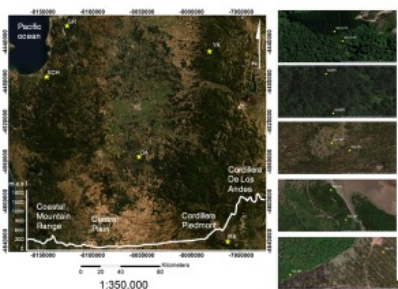


Effects of native forest replacement (NF) to exotic plantations (PL) on forest C, N, and P pools and dynamics in south-central Chile

Felipe Aburto, Oscar Crovo, Maria Fernanda Albornoz, and Randal Southard

LUC effect across soil mineralogical types



Crovo et al. (2021)

How different soils respond to LUC?
What fluxes drive these differences?
What system sequesters more C?



FORCARE



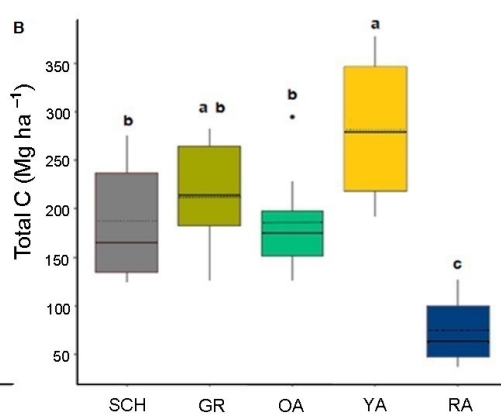
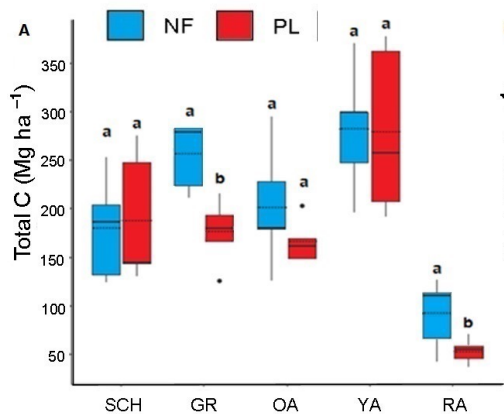
Recent Ash (RA)
<500yrs
Vitrandic udorthent

Young Ash (YA)
1-10 Kyrs
Typic haploxerand

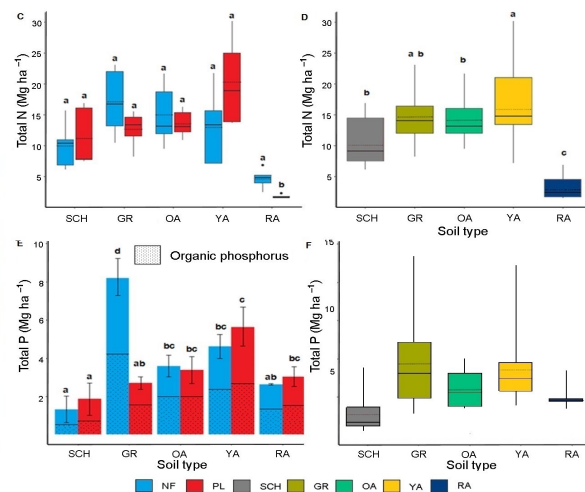
Old Ash (OA)
~70 Kyrs
Typic Rodloxeralf

Residual from Granite (RA)
Ultic Paleoxeralf

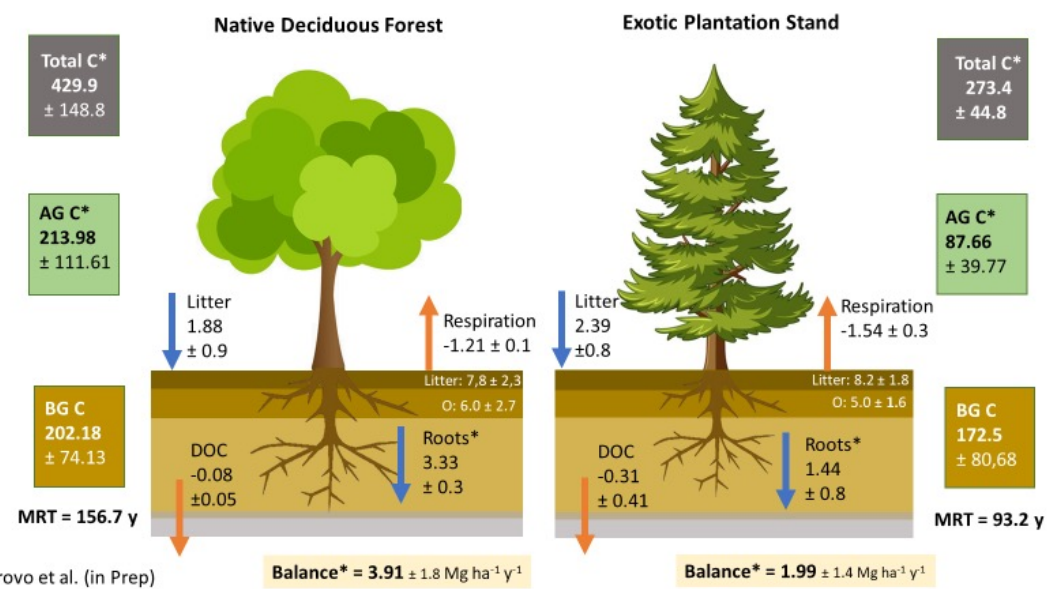
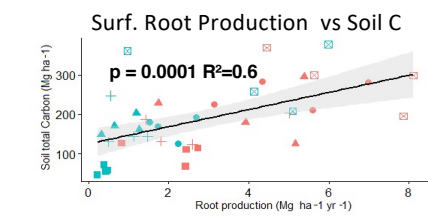
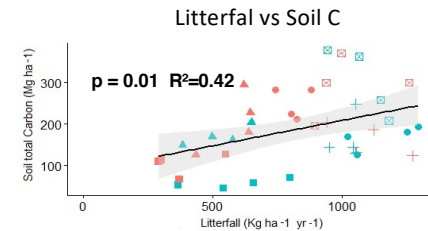
Residual from Schist (SCH)
Rhodic Paleoudult



Crovo et al. (2021)



Legend: NF (blue), PL (red), SCH (grey), GR (olive), OA (green), YA (yellow), RA (dark blue)



Crovo et al. (in Prep)