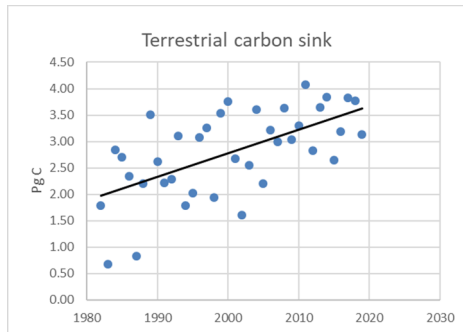


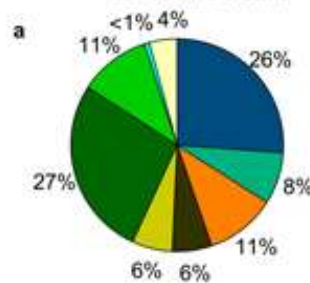
# Decreasing uncertainties in the regional contributions to the global carbon cycle with state-of-the-art Earth observation products



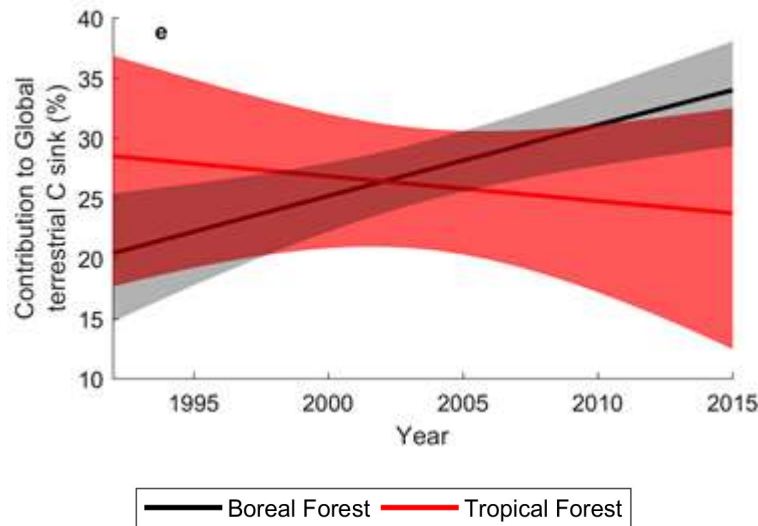
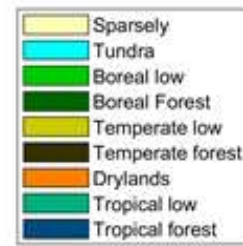
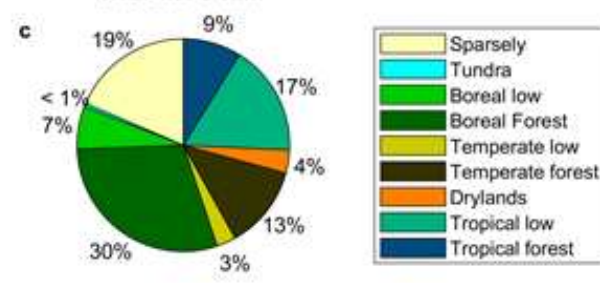
# Main contribution to the terrestrial carbon sink switched from tropical to boreal forests



Contribution to: Mean Global terrestrial C sink

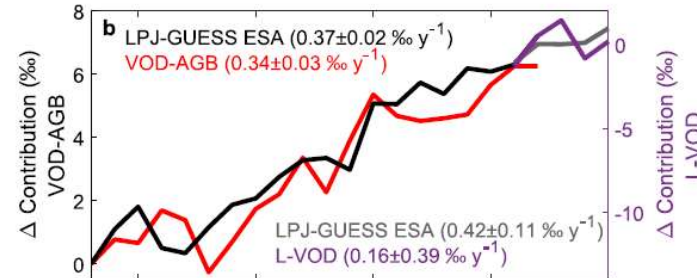


Trend in Global terrestrial C sink

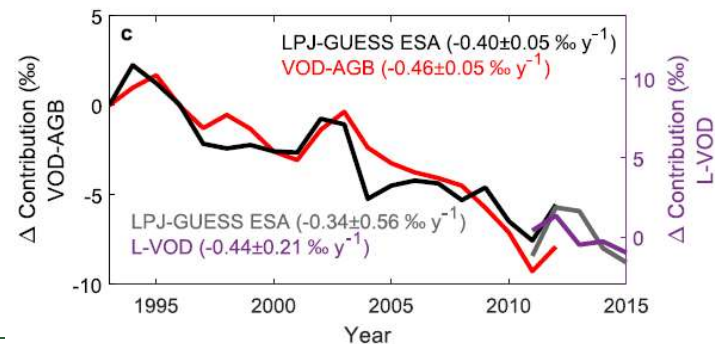


Tagesson *et al.* (Nat. Eco. Evo. 2020)

Boreal forests



Tropical forests



## Decreasing uncertainties in the regional contributions to the global carbon cycle with state-of-the-art Earth observation products

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- So this project aims at responding two research questions:
  - 1) What is the impact of increasing the spatial and temporal averaging resolution of input satellite data on processes within the global carbon cycle?
  - 2) Can we decrease the uncertainty in the regional contributions to the global carbon sink using state-of-the-art satellite products?

