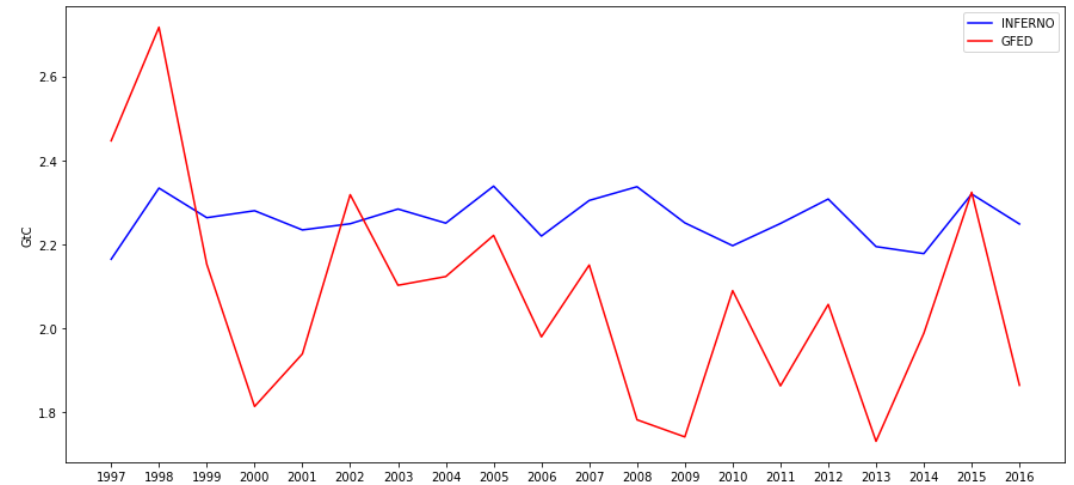
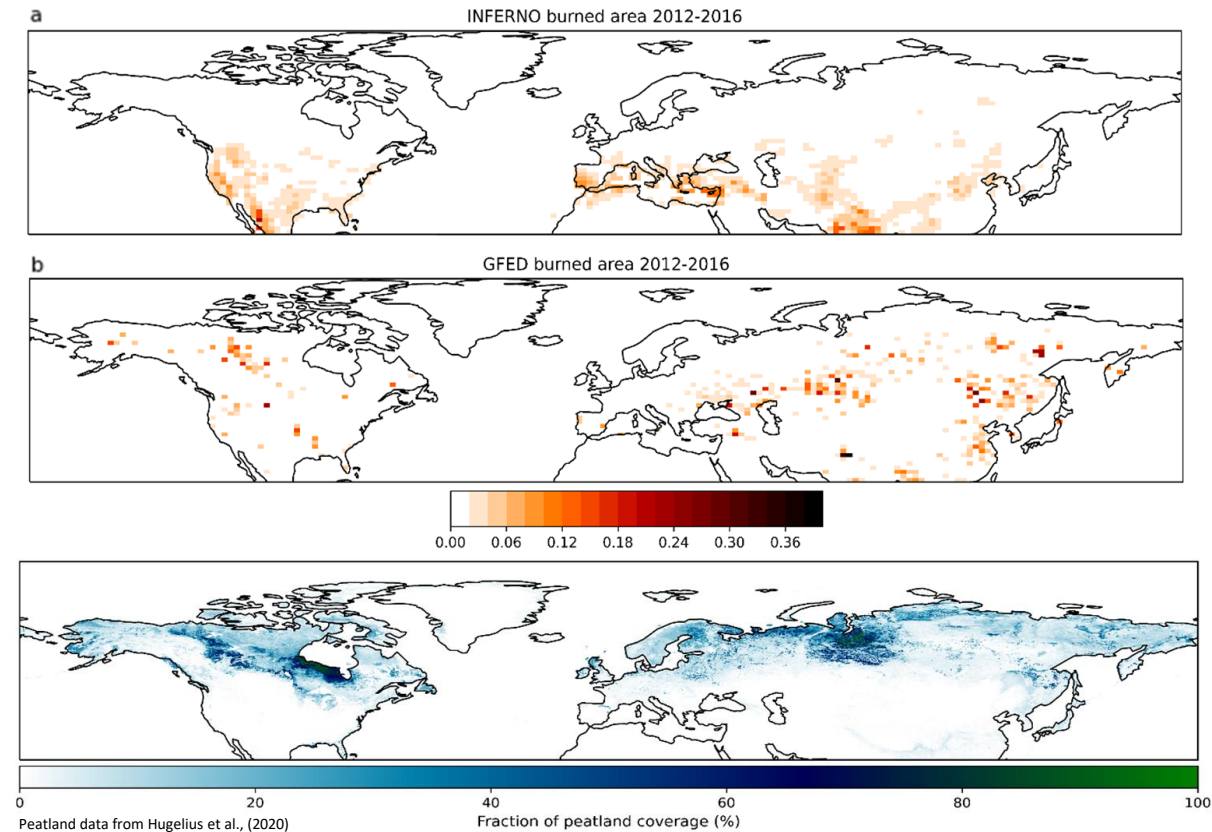


# The role of peat fires in shaping future atmospheric composition, the carbon cycle and climate

Katie Blackford (Supervised by: Apostolos Voulgarakis, Colin Prentice and Chantelle Burton)



- INFERNO currently underestimates burnt area in peatland dominated regions and doesn't capture the interannual variability in carbon emissions from fires
- I am going to be incorporating a peat fire capability into INFERNO