Characterising Drought in East Africa

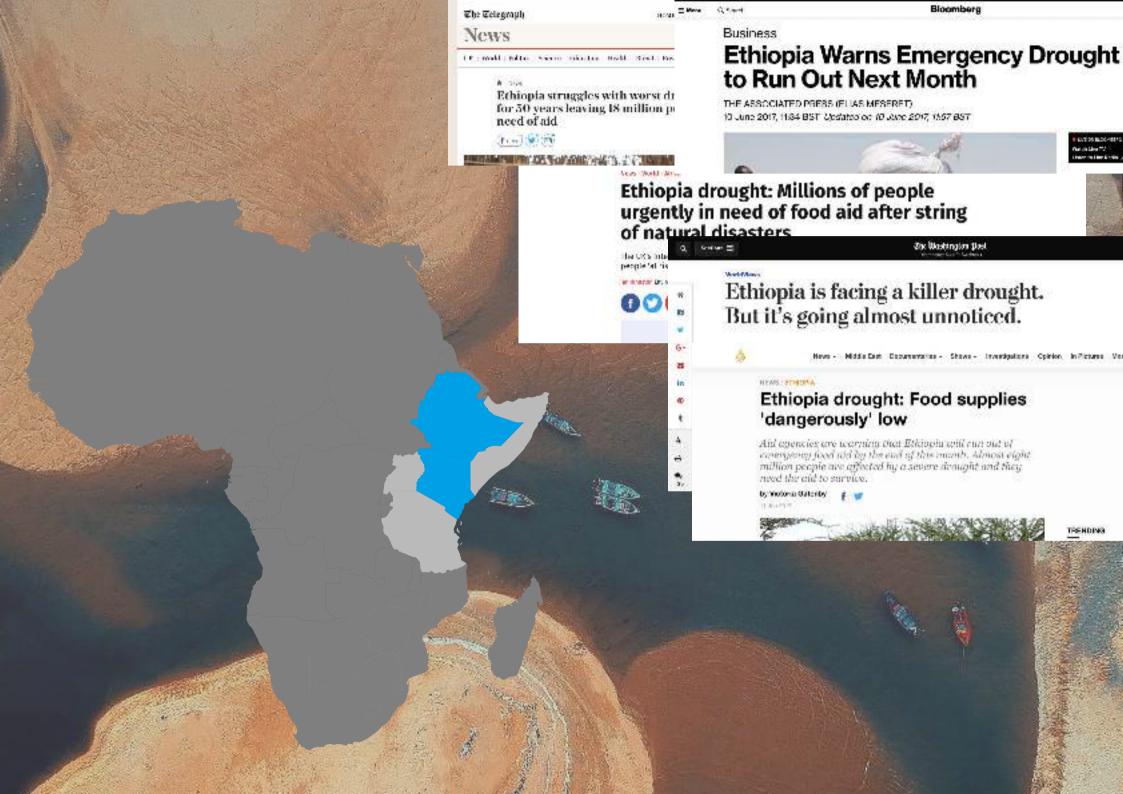
Improving datasets and drought indices using Earth observation data.

Supervisors: Professor Simon Dadson; Dr Steven Reece



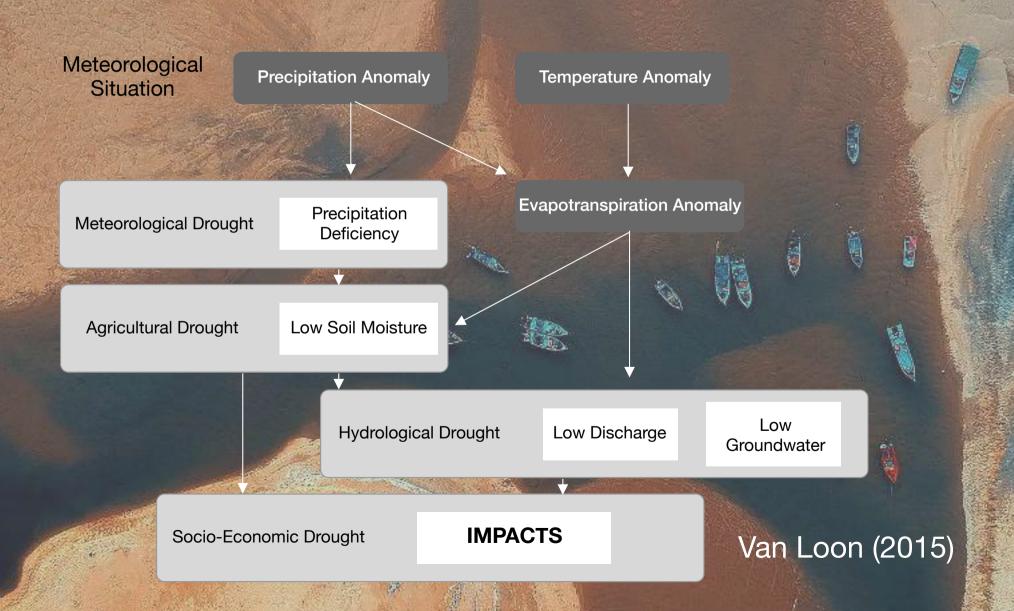


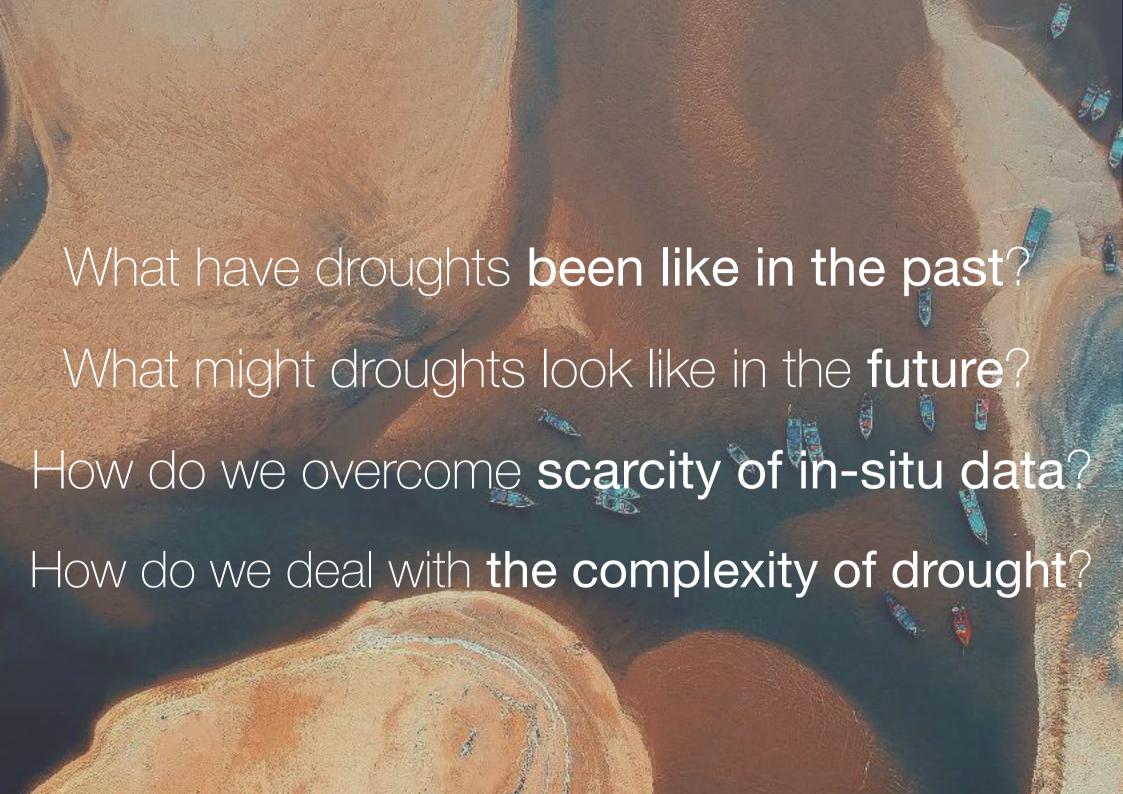


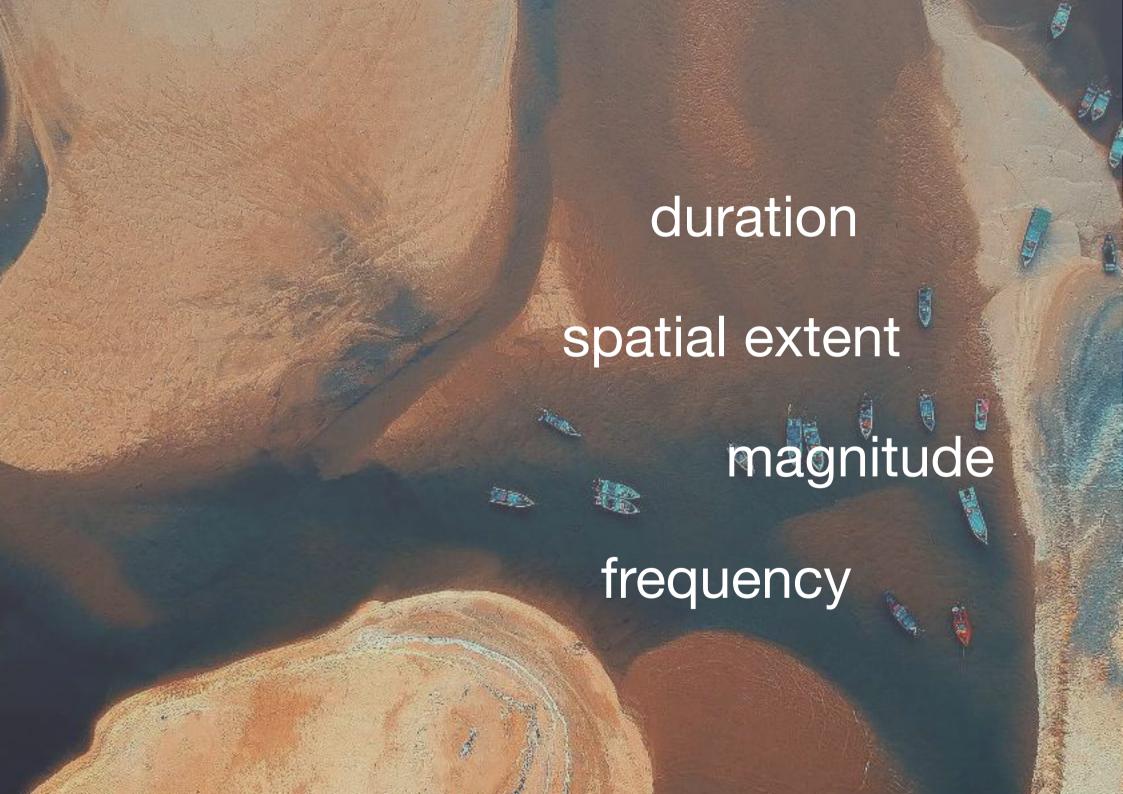


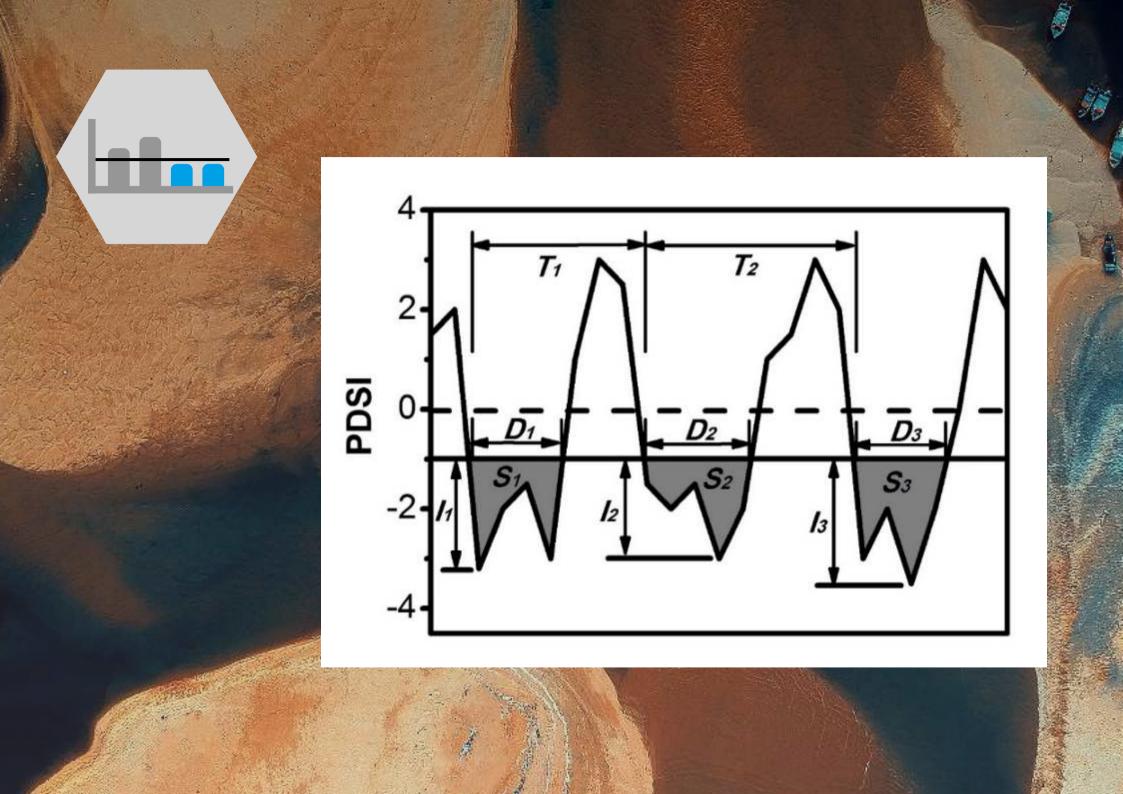
"the creeping disaster"

Sheffield and Wood (2011)











Research Gap

soil moisture key variable for impact
Rojas et al (2011)

memory of soil moisture = predictability

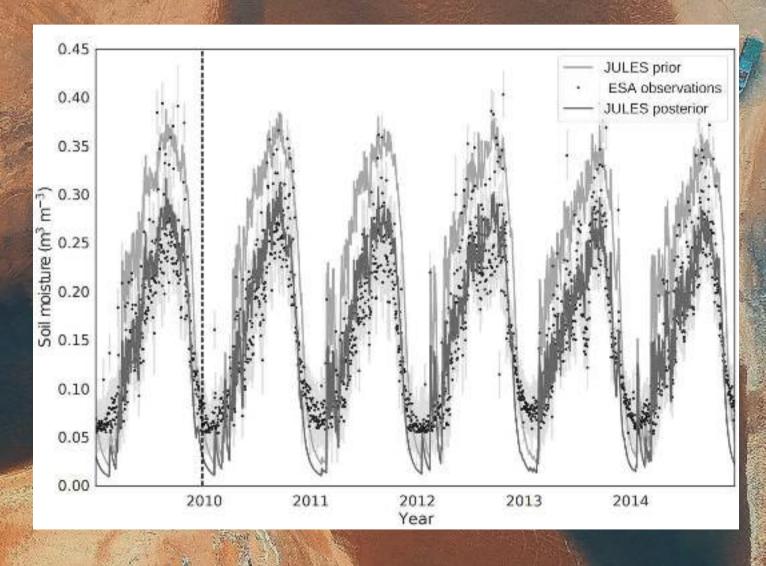
Aghakouchak et al (2016), Aghakouchak et al (2015)

unable to directly observe root zone

Dorigo et al (2016), Wagner et al (2012)







Pinnington et al (2018)



