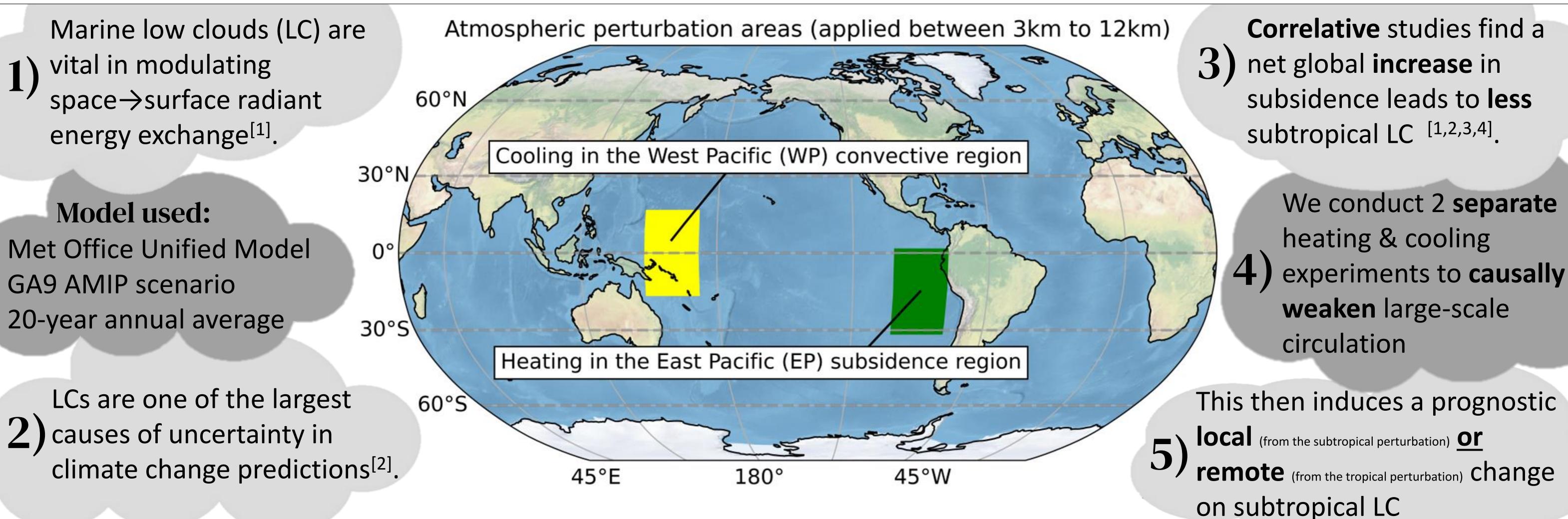
Impact of local and remote atmospheric heating interventions on subtropical low clouds

Danny McCulloch (dm575@exeter.ac.uk)¹, Hugo Lambert¹, Mark Webb², Geoff Vallis¹ 1: University of Exeter, Stocker Rd, Exeter EX4 4PY **2:** Met Office, Fitzroy Rd, Exeter EX1 3PB

1-sentence finding: Weakening of the Pacific overturning circulation on a **regional** scale leads to **reduced** low cloud fraction in the subtropics, which is **opposite** to similar **correlative** studies that look on a global scale.



Effects of T perturbations on large-scale circulation:

