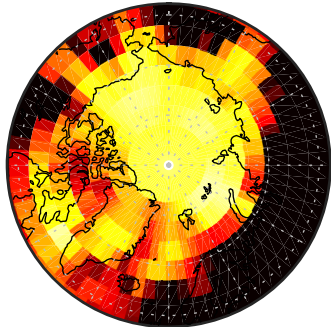
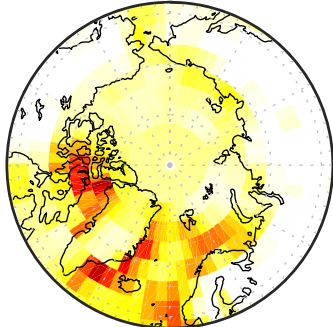


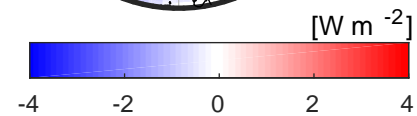
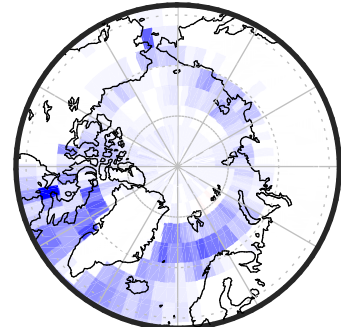
**(a) N50**



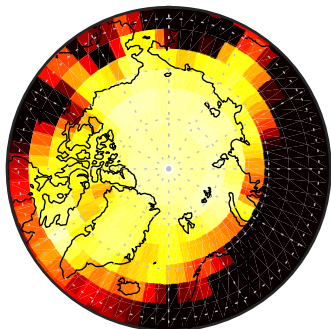
**(b) AMSOA-induced N50 change**



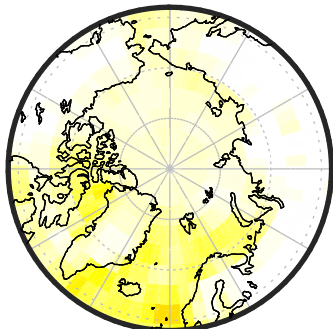
**(c) AIE**



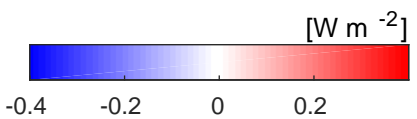
**(d) N100**



**(e) AMSOA-induced N100 change**



**(f) DRE**



$[\text{cm}^{-3}]$

