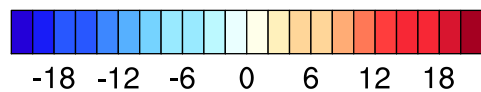
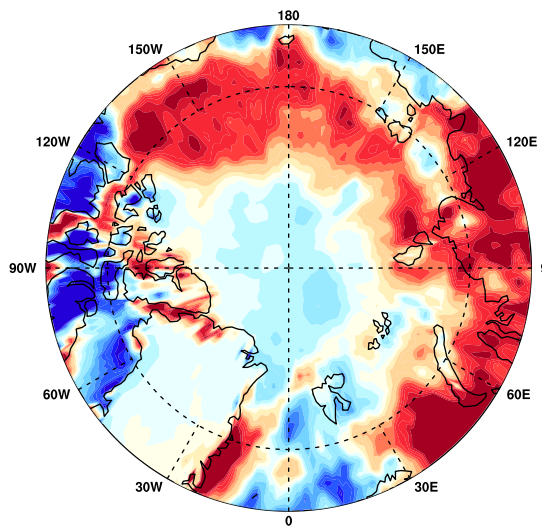


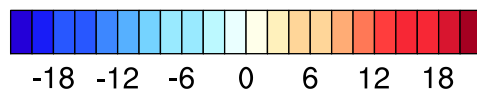
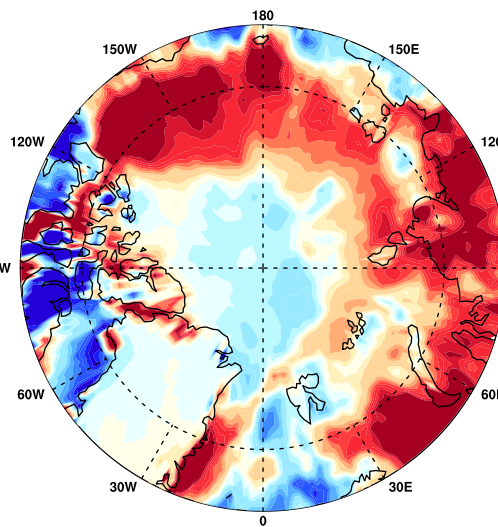
**(a)  $\Delta R$**

**4.12**



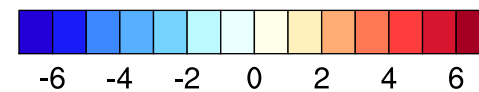
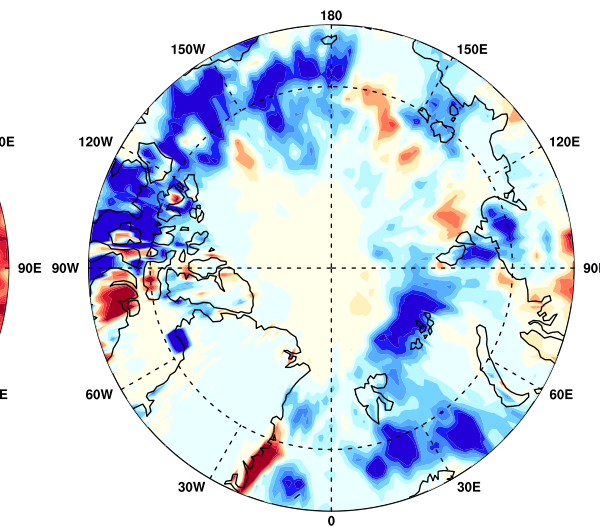
**(b)  $\Sigma \Delta R_{\text{univ}}$**

**5.38**



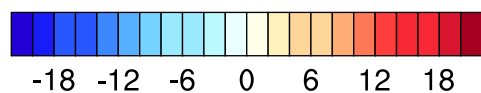
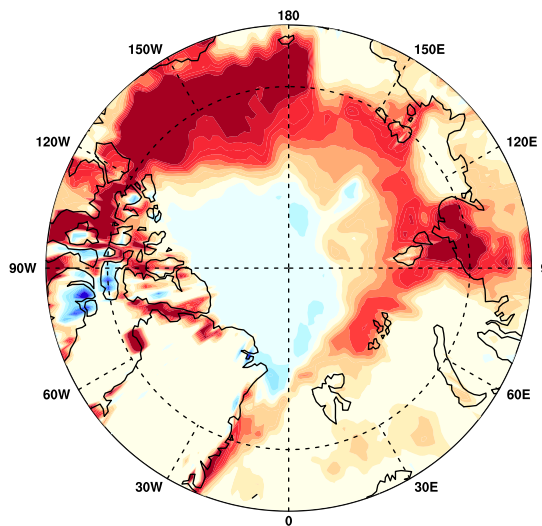
**(c) res**

**-1.26**



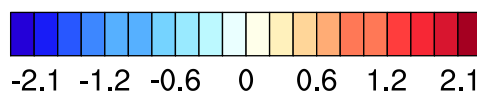
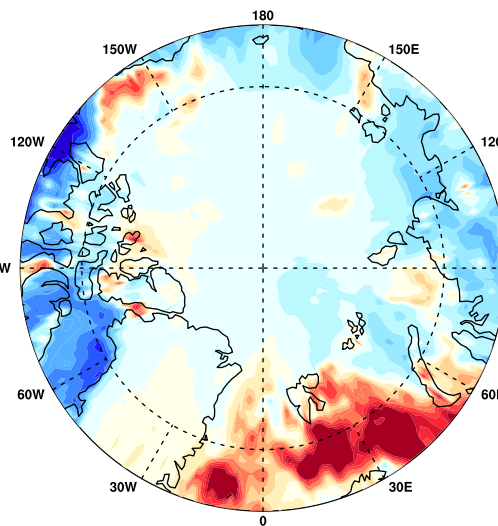
**(d)  $\Delta R_a$**

**6.28**



**(e)  $\Delta R_{\text{vv}}$**

**-0.04**



**(f)  $\Delta R_c$**

**-0.86**

