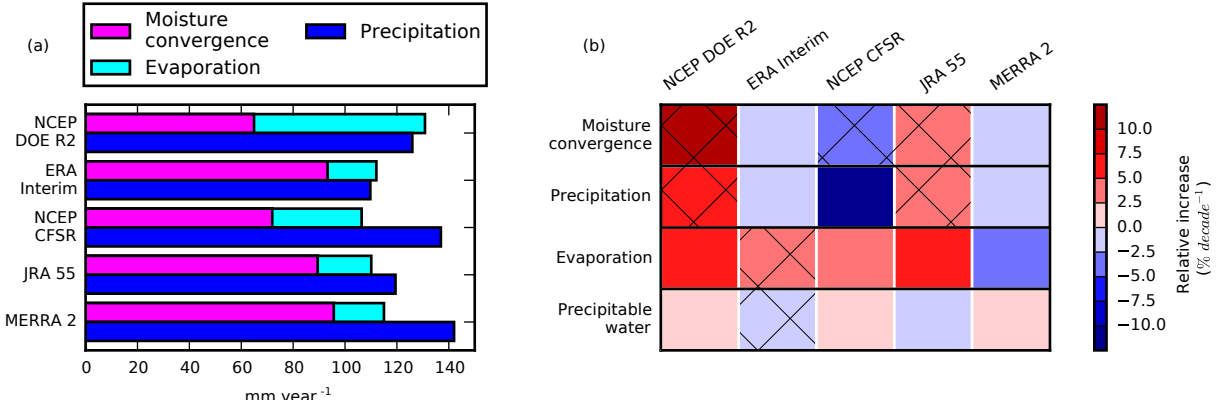
(a)
Moisture convergence
Precipitation
Evaporation
NCEP DOE R2
ERA Interim
NCEP CFSR
JRA 55
MERRA 2
0
20
40
60
80
100
120
140
mm year -1
(b)
NCEP DOE R2
ERA Interim
NCEP CFSR
JRA 55
MERRA 2
Moisture convergence
Precipitation
Evaporation
Precipitable water
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
Relative increase
(% decade−1)