DJFMA climatology bias of Total Precipitation (1979-2014) BCC-CSM2-MR BCC-ESM1 **APHRODITE** Multi-Model Mean pr (mm/day) 9 1.5 2 1.5 2 1.5 3 4.5 -3 -Mean pr: 0.5 mm/day Mean bias: 1.1 mm/day > 1.3 mm/day 1.5 mm/day CAS-ESM2-0 CESM2 CESM2-FV2 CESM2-WACCM 1.1 mm/day 1.0 mm/day 1.5 mm/day 1.1 mm/day CESM2-WACCM-FV2 CNRM-CM6-1 CNRM-CM6-1-HR CNRM-ESM2-1 1.1 mm/day 1.1 mm/day 1.1 mm/day 1.0 mm/day CanESM5 GFDL-CM4 GISS-E2-1-G GISS-E2-1-H 1.6 mm/day 0.5 mm/day 0.9 mm/day 1.6 mm/day MIROC-ES2L HadGEM3-GC31-LL HadGEM3-GC31-MM IPSL-CM6A-LR 0.9 mm/day 0.8 mm/day 1.2 mm/day 1.2 mm/day MIROC6 MPI-ESM1-2-HR MPI-ESM1-2-LR MRI-ESM2-0 1.2 mm/day 1.1 mm/day 1.2 mm/day 1.3 mm/day TaiESM1 NorESM2-LM SAM0-UNICON UKESM1-0-LL 1.0 mm/day 1.0 mm/day 0.8 mm/day 0.8 mm/day 2 -6 -3 -2 3 5 -5 -4 Bias (model-obs) of Total Precipitation (mm/day)