Successfully loaded dataset from gs://cmip6/CMIP6/ScenarioMIP/THU/CIESM/ssp585/r1i1p1f1/Amon/pr/gr/v20200605/ (Source ID: CIESM)

Successfully loaded dataset from gs://cmip6/CMIP6/CMIP/E3SM-Project/E3SM-1-1/historical/r1i1p1f1/Amon/pr/gr/v20191211/ (Source ID: E3SM-1-1)

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Successfully loaded dataset from gs://cmip6/CMIP6/ScenarioMIP/EC-Earth-Consortium/EC-Earth3/ssp585/r1i1p1f1/Amon/pr/gr/v20200310/ (Source ID: EC-Earth3)

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Successfully loaded dataset from gs://cmip6/CMIP6/ScenarioMIP/EC-Earth-Consortium/EC-Earth3-CC/ssp245/r1i1p1f1/Amon/pr/gr/v20210113/ (Source ID: EC-Earth3-CC)

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Successfully loaded dataset from gs://cmip6/CMIP6/ScenarioMIP/EC-Earth-Consortium/EC-Earth3-Veg/ssp585/r1i1p1f1/Amon/pr/gr/v20200225/ (Source ID: EC-Earth3-Veg)

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Successfully loaded dataset from gs://cmip6/CMIP6/CMIP/EC-Earth-Consortium/EC-Earth3-Veg-LR/historical/r1i1p1f1/Amon/pr/gr/v20200217/ (Source ID: EC-Earth3-Veg-LR)

Successfully loaded dataset from gs://cmip6/CMIP6/ScenarioMIP/EC-Earth-Consortium/EC-Earth3-Veg-LR/ssp245/r1i1p1f1/Amon/pr/gr/v20201123/ (Source ID: EC-Earth3-Veg-LR)

Successfully loaded dataset from gs://cmip6/CMIP6/ScenarioMIP/EC-Earth-Consortium/EC-Earth3-Veg-LR/ssp585/r1i1p1f1/Amon/pr/gr/v20201201/ (Source ID: EC-Earth3-Veg-LR)

Successfully loaded dataset from gs://cmip6/CMIP6/CMIP/CAS/FGOALS-f3-L/historical/r1i1p1f1/Amon/pr/gr/v20190927/ (Source ID: FGOALS-f3-L)

Successfully loaded dataset from gs://cmip6/CMIP6/ScenarioMIP/CAS/FGOALS-f3-L/ssp245/r1i1p1f1/Amon/pr/gr/v20191013/ (Source ID: FGOALS-f3-L)

Successfully loaded dataset from gs://cmip6/CMIP6/ScenarioMIP/CAS/FGOALS-f3-L/ssp585/r1i1p1f1/Amon/pr/gr/v20191013/ (Source ID: FGOALS-f3-L)

Successfully loaded dataset from gs://cmip6/CMIP6/CMIP/IPSL/IPSL-CM6A-LR/historical/r1i1p1f1/Amon/pr/gr/v20180803/ (Source ID: IPSL-CM6A-LR)

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Successfully loaded dataset from gs://cmip6/CMIP6/CMIP/NIMS-KMA/KACE-1-0-G/historical/r1i1p1f1/Amon/pr/gr/v20190910/ (Source ID: KACE-1-0-G)

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Successfully loaded dataset from gs://cmip6/CMIP6/ScenarioMIP/NIMS-KMA/KACE-1-0-G/ssp245/r1i1p1f1/Amon/pr/gr/v20191125/ (Source ID: KACE-1-0-G)

*RCP4.5 Stabilization scenario whereby the total radiative forcing is stabilized shortly after 2100. This*

*will be achieved by adopting several technologies and strategies to cut GHG emissions (Thomson*

*et al., 2011)*

*RCP8.5 This is ‘business-as-usual’ scenario. It is characterized by rising radiative forcing pathway*

*leading to 8.5W m−2 by 2100, with forcing increasing further thereafter up to 12W m−2 by*

*2250, when concentrations stabilize (Riahi et al., 2011)*