RGI region: 14 (South Asia W) - gfdl-esm4 5000 1901-1920\_hist: ( $\Delta T_{global} = 0.5$ °C) -180 5000 1951-1970\_hist: ( $\Delta T_{global} = 0.4$ °C) 5000 1995-2014\_hist:  $(\Delta T_{global} = 0.9^{\circ}C)$ 1851-1870 hist:  $(\Delta T_{global} = 0.2$ °C) 6 models — model 4 160 ⊆ model 2 — model 5 to 2020, model 3 — model 6 € 4000 (£ ₩) Volume 3500 relative Volume Volume  $\boxed{2021-2040\_ssp585: (\Delta T_{global}=1.5^{\circ}C)}$ 3000 2021-2040\_ssp126: ( $\Delta T_{global} = 1.5$ °C) 3000 2021-2040\_ssp370: ( $\Delta T_{global} = 1.5$ °C) 3000 2041-2060\_ssp126: ( $\Delta T_{global} = 1.7$ °C) 2020, (E Z 2000 ) 9 1500 -1500- $\boxed{2041-2060\_ssp585: (\Delta T_{global}=2.2^{\circ}C)}$  $\boxed{2061-2080\_ssp126: (\Delta T_{global}=1.7^{\circ}C)}$  $\boxed{2061-2080\_ssp370: (\Delta T_{global}=2.8^{\circ}C)}$  $12041-2060_{ssp370}: (\Delta T_{global}=2.0^{\circ}C)$ -80 2020, (km<sup>3</sup>) 9 1500 1000 3000 2081-2100\_ssp370: ( $\Delta T_{global}$ =3.5°C)  $\boxed{2061-2080\_ssp585: (\Delta T_{global}=3.0^{\circ}C)}$  $\boxed{2081-2100\_\text{ssp126}: (\Delta T_{global}=1.7^{\circ}\text{C})}$  $2081-2100_{ssp585}: (\Delta T_{global} = 4.0 ^{\circ}C)$ 2500-<u>~ 2000</u> 2000-Volume (km<sup>2</sup> 1500 -Volume (relative to 2 1500-1500-Simulation year Simulation year Simulation year Simulation year