RGI region: 14 (South Asia W) - gfdl-esm4 5000 1995-2014\_hist: (ΔT<sub>global</sub>=0.9°C) 6 models 5000 1901-1920\_hist: ( $\Delta T_{global} = 0.5$ °C) -180 5000 1951-1970 hist:  $(\Delta T_{global} = 0.4^{\circ}C)$ 1851-1870 hist:  $(\Delta T_{global} = 0.2$ °C) PyGEM-OGGM v13 GloGEMflow 160 ⊆ GloGEMflow3D to 2020, OGGM\_v16 € 4000 (¥) **GLIMB** Kraaijenbrink Volume 3500 relative Volume Volume  $2021-2040_{ssp585}: (\Delta T_{global} = 1.5^{\circ}C)$ 3000 2021-2040\_ssp126: ( $\Delta T_{global} = 1.5$ °C) 3000 2021-2040\_ssp370: ( $\Delta T_{global} = 1.5$ °C)  $2041-2060_{ssp126}: (\Delta T_{global} = 1.7^{\circ}C)$ 2020, (<u>د کا</u> 9 1500-1500- $\boxed{2041-2060\_ssp585: (\Delta T_{global}=2.2^{\circ}C)}$  $\boxed{2061-2080\_ssp126: (\Delta T_{global}=1.7^{\circ}C)}$  $\boxed{2041-2060\_ssp370: (\Delta T_{global}=2.0^{\circ}C)}$  $\boxed{2061-2080\_ssp370: (\Delta T_{global}=2.8^{\circ}C)}$ 2500--80 2020, (km<sup>3</sup>) Nolumber 1500  $\boxed{2061-2080\_ssp585: (\Delta T_{global}=3.0^{\circ}C)}$  $\boxed{2081-2100\_ssp126: (\Delta T_{global}=1.7^{\circ}C)}$  $\boxed{2081-2100\_ssp370: (\Delta T_{global}=3.5^{\circ}C)}$  $2081-2100_{ssp585}: (\Delta T_{global} = 4.0 ^{\circ}C)$ 2500-<u>~</u> 2000 2000-Volume (km<sup>2</sup> 1500-Volume (relative to 2 Simulation year (after year 2020) Simulation year (after year 2020) Simulation year (after year 2020) Simulation year (after year 2020)