RGI region: 14 (South Asia W) - gfdl-esm4 5000 1995-2014\_hist: (ΔT<sub>global</sub>=0.8°C) 6 models 5000 1901-1920 hist:  $(\Delta T_{global} = 0.4^{\circ}C)$ 180 5000 1951-1970 hist:  $(\Delta T_{global} = 0.3^{\circ}C)$ 1851-1870 hist:  $(\Delta T_{global} = 0.2$ °C) PyGEM-OGGM v13 GloGEMflow 160 ⊆ GloGEMflow3D to 2020, OGGM\_v16 € 4000 (¥) **GLIMB** Kraaijenbrink Volume 3500 celative 3500- $2021-2040_{ssp585}: (\Delta T_{global} = 1.5^{\circ}C)$ 3000 2021-2040\_ssp126: ( $\Delta T_{global} = 1.4$ °C) 3000 2021-2040\_ssp370: ( $\Delta T_{global} = 1.4$ °C) 3000 2041-2060\_ssp126: ( $\Delta T_{global} = 1.6$ °C) 2500--80 2020, (<u>د عور</u> 2000 (کیا 1500-500- $\boxed{2041-2060\_ssp585: (\Delta T_{global}=2.1^{\circ}C)}$  $\boxed{2061-2080\_ssp126: (\Delta T_{global}=1.7^{\circ}C)}$  $2061-2080_{ssp370}: (\Delta T_{global} = 2.8 ^{\circ}C)$  $\boxed{2041-2060\_ssp370: (\Delta T_{global}=2.0^{\circ}C)}$ 2500--80 (لا ع ع) 2000-Nolumber 1500 500- $\boxed{2081-2100\_ssp370: (\Delta T_{global}=3.5^{\circ}C)}$  $\boxed{2061-2080\_ssp585: (\Delta T_{global}=3.0^{\circ}C)}$  $\boxed{2081-2100\_\text{ssp126}: (\Delta T_{global}=1.6^{\circ}\text{C})}$  $2081-2100_{ssp585}: (\Delta T_{global}=3.9^{\circ}C)$ 2500-<u>~</u> 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)