

Dear Editor Prof. Steven Bouillon:

You pointed out that the number of studies levels off around 2020 to a plateau in Fig. 1 and 3. Thank you so much for your sharp analysis and thoughtful comments. We found that it happened due to incompleted data set in the last a few years. Therefore, we omitted the incompleted data set in the last years and produced new figures as below.

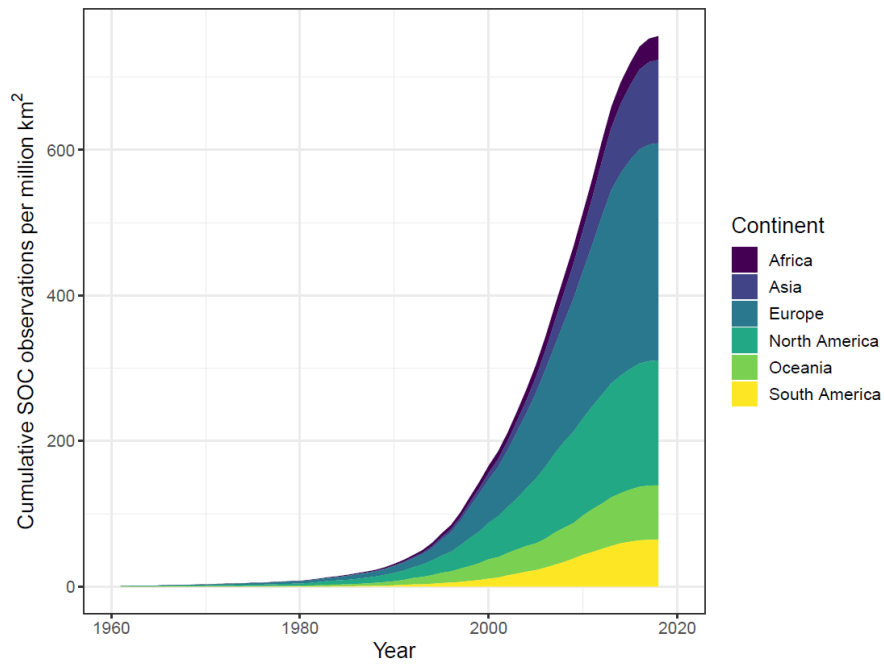


Figure 1: Number of published observations on soil organic carbon (SOC) changes driven by land management, land-use changes, and climate change (cumulative observations per million km²) in each region. An observation indicates a set of measurements conducted in a site during a certain period. Data source: Beillouin et al. (2021)

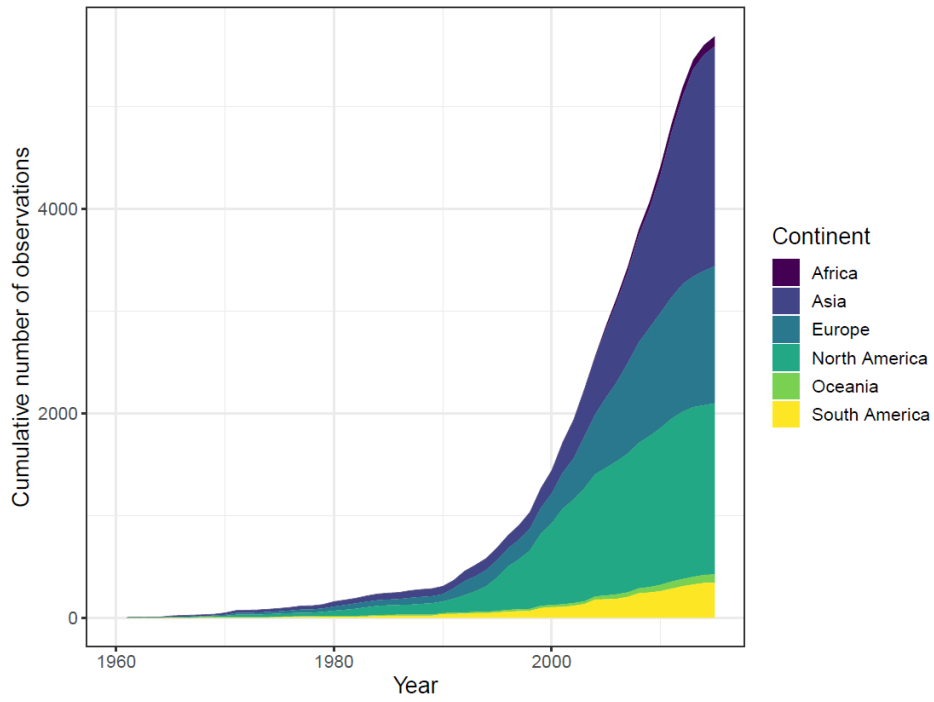


Figure 3: Number of published soil carbon dioxide flux observations (cumulative observations per million km²) in each region. An observation indicates a set of measurements conducted in a site during a certain period. Data source: Jian et al. (2021)