Lakes on the Tibetan Plateau are important for water cycle studies. There are many previous studies understanding the lake area variation and their influencing factors. But there are still lack of systematic studies including the lake-catchment characteristics. In this study, the authors put many attributes together, which has great potential to help us understand the characteristics of lake-catchments on the TP in a systematic way. I find this study is novel, and has potential to be an important paper for process understanding on the TP lakes. But before considering for acceptance I have some concerns.

- Although the streamflow observations on the TP is very limited, I suggest the authors to include more time-series of the hydrologic and meteorological related attributes. Hydrologic related data may include the lake area and volume temporal variation, the area and volume changes of glaciers, the changes of the proportion of permafrost and seasonal frozen-soil. Meteorological data can be even reanalysis data, e.g. daily precipitation and air temperature. This will make this study more systematic. These new chronical attributes will allow us to do more process understanding on the lake area changes.

- What does precipitation rate mean? What does “fractional snow cover” mean? Snow is an important component in cold region hydrology. Is it possible to give the time-series of fractional snow cover as another attribute? Is there snow water equivalent data available?