Earth System
Science
Data

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Discussions

Interactive comment on "The Global Streamflow Indices and Metadata Archive (GSIM) – Part 1: The production of daily streamflow archive and metadata" *by* Hong Xuan Do et al.

H. Kling

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Great data set! Will be very useful. Would be great if the underlying daily time-series data can also be made available via an online repository?

Looking at the contents of file GSIM_metadata.csv, I think that the units for the attribute "altitude" are in *feet* for USGS gauges? E.g. gauge US_0006679 has an altitude value of 10520. Would be better to correct this to meters, so it is consistent with the altitude of gauges from other sources (e.g. GRDC).

I have not checked the attribute "area" of USGS gauges. Please ensure it is in km^2.

I also noticed that at least one gauge has impossible lat/lon coordinates: KG_0000003 (lat/lon: 90/180) If location is unknown would be better to assign NA value. I have not checked if the same applies to many other gauges with unknown location.

regards, Harald Kling