Geoscientific
Model Development
Discussions

Interactive comment on "The Land surface Data Toolkit (LDTv7.2) – a data fusion environment for land data assimilation systems" *by* Kristi R. Arsenault et al.

Anonymous Referee #1

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The authors have described a specialized land model processing tool, the NASA Land Information System Data Toolkit (LDT). This tool has been developed to support applications of the Land Information System, so it is more usefully viewed as a modeling system specific pre-processor than as a software tool for general use by the hydrological community. Nevertheless, LDT should be of interest to journal readers both because LIS and its supported Land Surface Models are widely used by the community and because the classes of processing capabilities included in LDT are of general interest for many advanced hydrological modeling systems.

The manuscript appears to provide an accurate description of LDT, and the level of

detail is adequate for the reader to understand the motivation and capabilities of the tool. I am happy to recommend the manuscript for final publication without further modification.

Interactive comment on Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2018-63, 2018.