

Earth Syst. Sci. Data Discuss., community comment CC1
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Comment on **essd-2021-151**

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Community comment on "An integrated dataset of daily lake surface water temperature over Tibetan Plateau" by Linan Guo et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2021-151-CC1>, 2021

1 The work is important to understand the response of lakes to climate change in the alpine region. The authors combined remote sensing data and model method, and modified the air2water model which is an open source model. Could the authors release the code of data processing and model modification?

2 As shown in Figure 1, there are very few meteorological stations in the west part of the TP, thus it's necessary to validate the modeling LSWT. Except for validating by remote sensing LSWT, is there any in-situ observation to compare?