

PUBLICATIONS

1. Wenzhe Fa, Meng-Hua Zhu, **Tiantian Liu**, and Jeffrey B. Plescia (2015). Regolith stratigraphy at the Chang'E-3 landing site as seen by lunar penetrating radar. *Geophysical Research Letters*, 42(23).
2. **Tiantian Liu**, Wenzhe Fa, and Meng-Hua Zhu (2015). Rules for regolith thickness estimation using crater morphology and its application to Oceanus Procellarum. 46th Lunar and Planetary Science Conference, Abstract 1253.
3. Wenzhe Fa, **Tiantian Liu**, Meng-Hua Zhu, and Junichi Haruyama (2014). Regolith thickness over Sinus Iridum: Results from morphology and size-frequency distribution of small impact craters. *Journal of Geophysical Research: Planets*, 119, 1914–1935.
4. **Tiantian Liu**, Wenzhe Fa, Menghua Zhu, and Junichi Haruyama (2014). Regolith thickness estimation over Sinus Iridum using morphology and size-frequency distribution of small craters from LROC images. 45th Lunar and Planetary Science Conference, Abstract 1347.
5. Meng-Hua Zhu, Wenzhe Fa, Wing-Huen Ip, Jiangchuan Huang, **Tiantian Liu**, Linzhi Meng, Jun Yan, Aoao Xu, Zesheng Tang, Xiaolei Wang, and Dong Qiao (2014). Morphology of asteroid (4179) Toutatis as imaged by Chang'E-2 spacecraft. *Geophysical Research Letters*, 41, 328-333.
6. **Tiantian Liu** and Wenzhe Fa (2013). Regolith thickness estimation over Sinus Iridum using morphology of small craters from LROC images. European Planetary Science Congress, Abstract 304.
7. Dongping Ming, Jinyang Du, Xiyu Zhang, **Tiantian Liu** (2013). Modified average local variance for pixel-level scale selection of multiband remote sensing images and its scale effect on image classification accuracy, *Journal of Applied Remote Sensing*, 7(1), 073565.