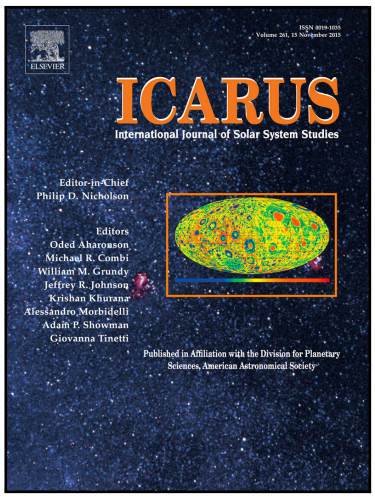

Impact cratering on slopes

Johannes Aschauer , Thomas Kenkmann

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Highlights

- This is the first systematic experimental study that investigates the effect of variously inclined slopes on impact crater formation.

- The comprehensive remote sensing data of the recent Dawn mission to the dwarf planets Ceres and Vesta revealed numerous impact craters that were formed in rough terrain at inclined slopes. With high-resolution data available the significance of topography on crater formation becomes more and more apparent, in particular for relatively small craters formed on low gravity bodies.

- The paper links impact cratering and landslide formation with each other