

Planetary surface science through impact craters

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Impact craters are found on solid surface of planets and the moon commonly. Craters' landform and ejecta has been clarified by recent planetary explorations, then we have various data enough to discuss their origin, composition, etc. The data through remote sensing is just only present values, but crater landform is controlled by a past condition at that time. Crater landform is a kind of probe to the past. Here I review information extracted from craters for each instrument and each planet.