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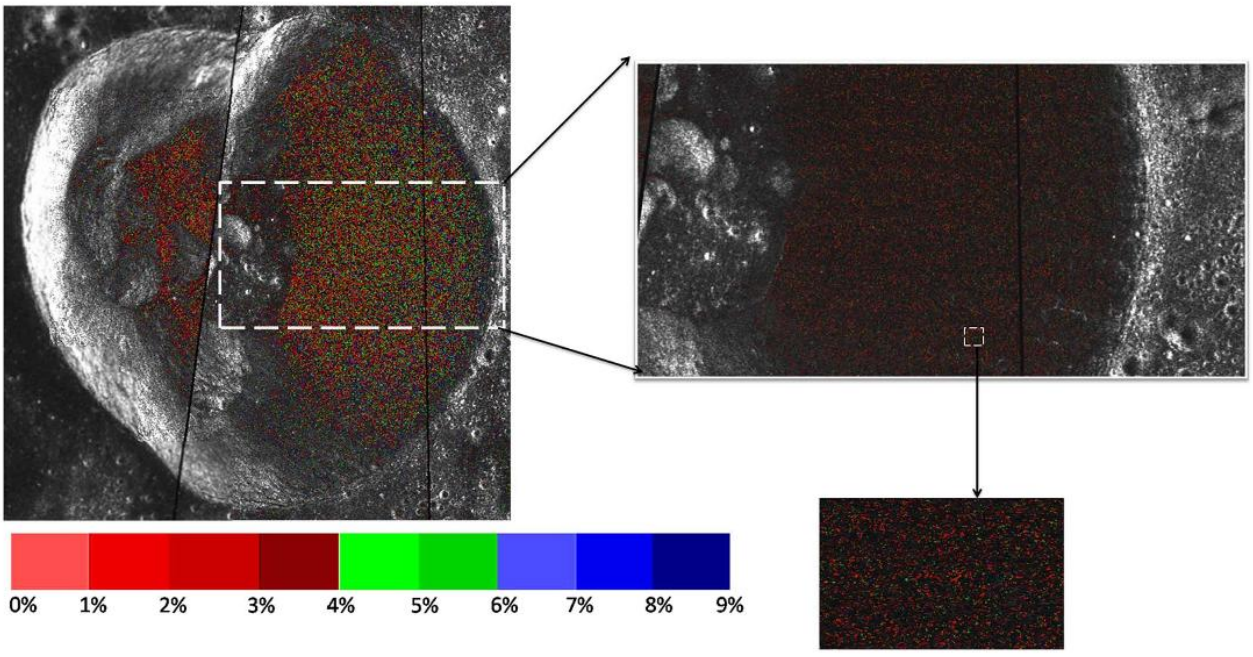

Estimation of percentage of water ice within Hermite-A crater over the Lunar North Pole using Mini-RF datasets.

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About the Cover: Mini-RF radar onboard the Lunar Reconnaissance Orbiter (LRO) mission was launched by NASA (October 2009) with a main objective to detect the presence of water ice in permanently shadowed regions (PSRs) over lunar poles. The spatial resolution of the Mini-RF dataset is 7.4 m/pixel, and in the figure, each pixel is coded with different color to indicate the different percentage of water ice within Hermite-A crater. The reddish color indicates low percentage of water ice, while bluish shade indicates higher percentage of water ice. It is observed from the analysis that about 66.32% of PSR area of Hermite-A is covered with different percentage of water ice ranging from 1% to 9%, while in the remaining 33.68% area does not have water ice. For more information please see ''Quantification of Water Ice in the Hermite-A Crater of the Lunar North Pole'' by Calla *et al.*, which begins on page 926.