

## Volatile accretion on the Moon - A clue for the emergence of a habitable Earth.

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I would like to introduce the recent advancement in deciphering the information on accretion of planetary volatile compounds to the moon using lunar regolith samples. I will also make a brief comment on the future lunar explorations, toward a better understanding of volatile accretion to the early Earth-Moon system that possibly lead to the emergence of the habitable Earth.

Keywords: Lunar Regolith, Volatile Compound, Isotope Composition, Accretion Rate