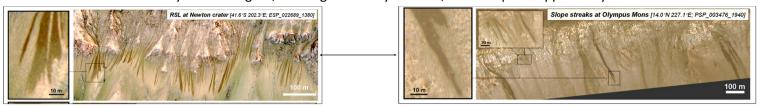
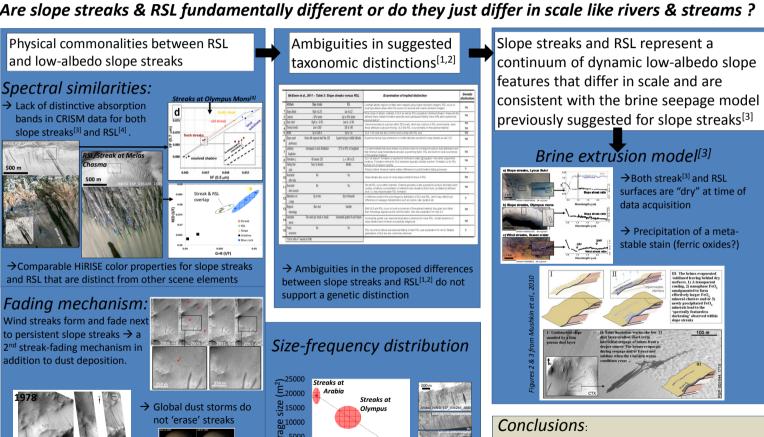
## A BRINE EXTRUSION MODEL FOR RECURRING SLOPE LINEAE ('RSL')

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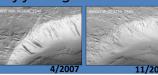


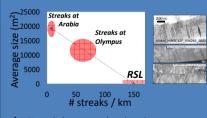
Are slope streaks & RSL fundamentally different or do they just differ in scale like rivers & streams?



## Time-scales of fading:

- → RSL, seasonal
- → Streaks, yearsdecades[5





→RSL and slope streaks plot along a continuum in terms of their size-frequency distribution

- → Geomorphic and spectral commonalities place slope streaks and RSL on a continuum of dynamic lowalbedo slope features on present-day Mars.
- →We propose the brine-seepage model suggested by Mushkin et al., 2010 for low-albedo slope streaks as a testable model for RSL and slope-streak activity.

[1] McEwen et a., 2011, Science (333); [2] McEwen et al., 2014, NatureGeoSci; [3] Mushkin et al., 2011 GRL (37); [4] Ojha et al., 2013, GRL (40); [5] Bergonio et al., 2013, Icarus (225).