SOLID EARTH SEMINARS

AEOLINAN PROCESSES ON MARS: BEDFORMS AND CLIMATE

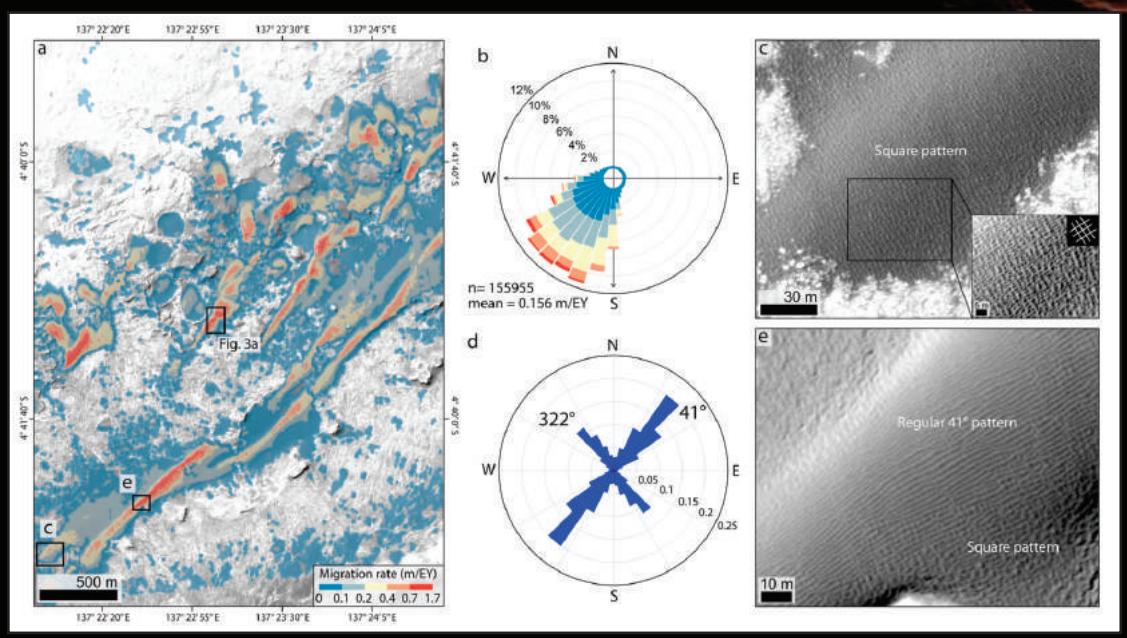

image from NASA

WHAT'S THIS ABOUT?

Despite its low density atmosphere, Mars is an active aeolian word where the effect of the wind is the dominant agent of landscape modification. The analysis of aeolian bedforms (dunes and ripples) of Mars, is fundamental to constrains the wind regime at the surface. We will show how information on present and past winds and climate can be derived from the analysis of high resolution (up to 25 cm/pixel) images of aeolian dunes and ripples from two key areas on Mars: the NASA Curiosity landing site in Gale Crater and the ESA/ROSCOSMOS ExoMars 2022 landing area in Oxia Planum.

ZOOM

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MARCH 24

Wednesday: 13:00

PASS: RG234_SES

https:/ /videoconf-colibri.zoom.us/j/89018419156

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