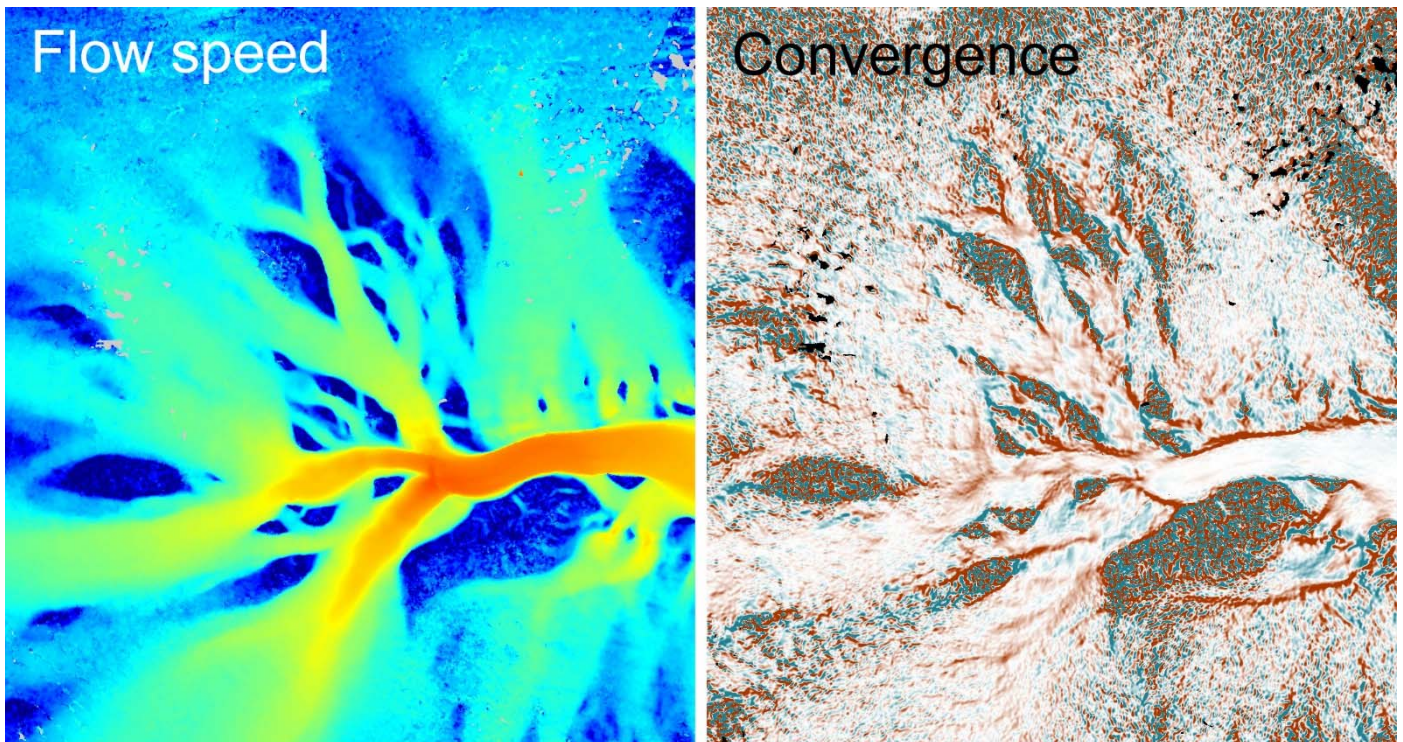


A new view of ice flow across Antarctica and Greenland

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Abstract: The pattern of flow on the polar ice sheets is spatially irregular, with an inherent tendency to form catchments in which ice converges to feed fast-flowing ice streams and outlet glaciers. My recent work has used planimetric convergence, a geometric measure for the rate of flow merging and splitting, to explore this complexity. In this talk, I describe convergence fields of both ice sheets computed from satellite-measured surface velocities and report the key geomorphological and glaciological findings from their investigation.

School of
Surveying
Te Kura Kairūri

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L1 Lecture Theatre
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310 Castle Street

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