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Rapid changes in advance–retreat (co)variability of Sermilik fjord glaciers, southeast Greenland

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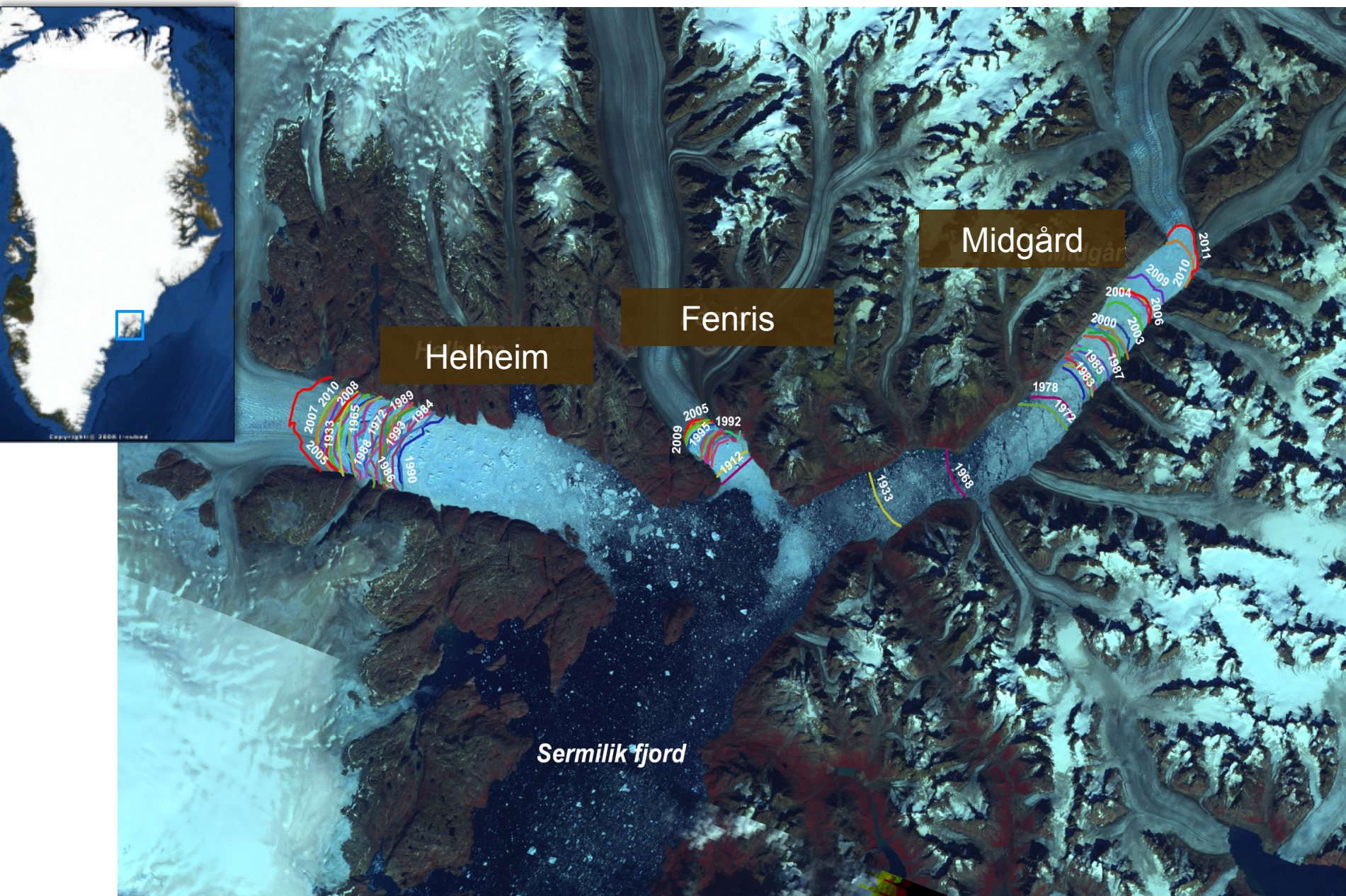
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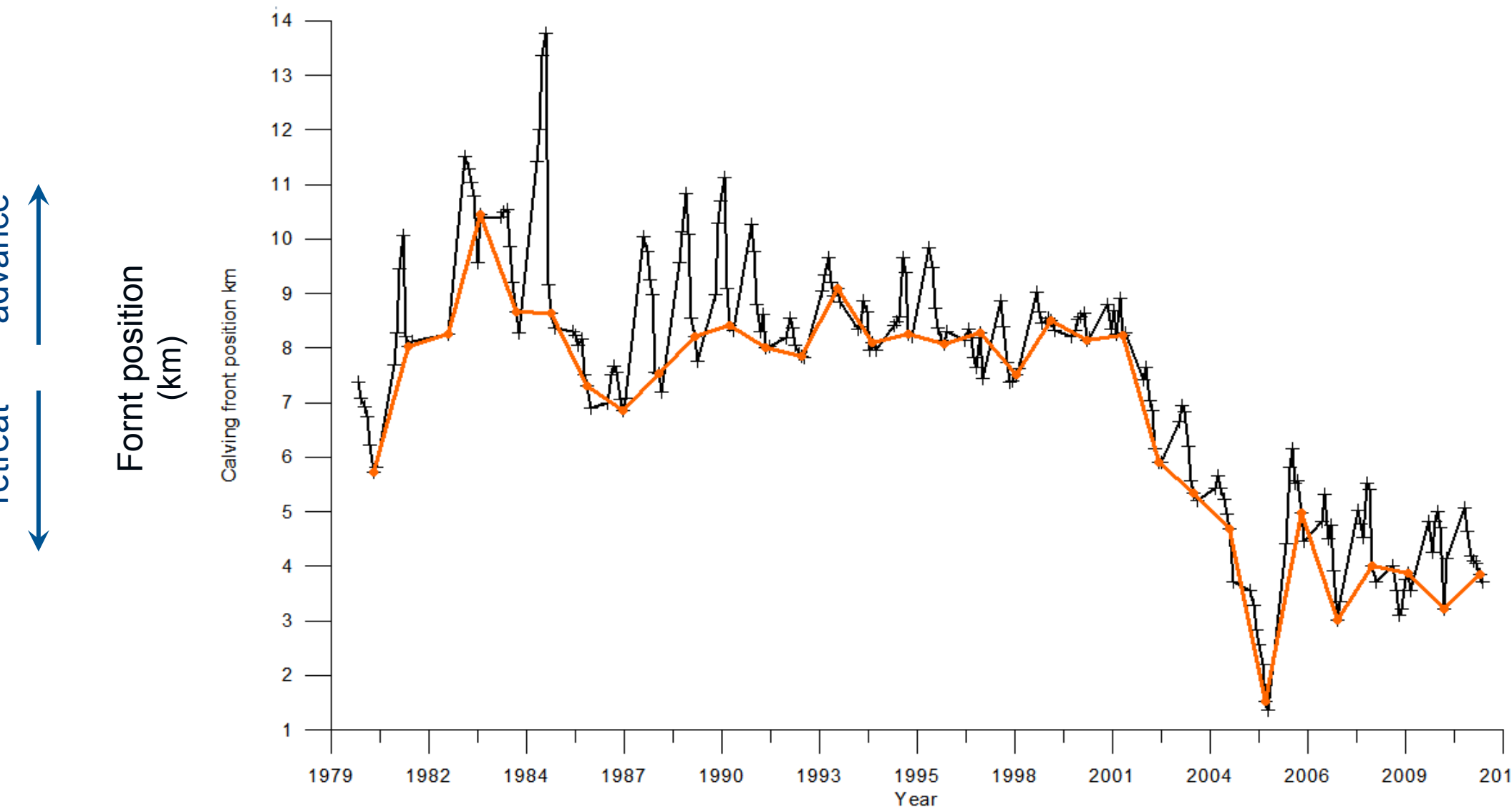
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Introduction



Helheim calving front annual, monthly fluctuations, 1980–2012



Result: Improved high-resolution record with unprecedented multidecadal (30+ yr) temporal range.

The 'surge-like' behavior for Helheim 1984-1985

