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## Stratigraphy and Paleohydrology of Delta Channel Deposits, Jezero Crater, Mars

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**Highlights:**

- We study the geometry and architecture of Jezero crater western delta stratigraphy.
- Delta exposes point bar strata, inverted channel bodies, and a late stage valley.
- Channel deposits primarily record filling of the basin and shoreline transgression.
- Point bar strata consistent with regional flooding at annual to decadal timescales.
- Delta records crater filling to overtopping without major drops in lake level.

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