

A topographic map of a region, likely a river basin, showing elevation contours. The colors range from green (low elevation) to yellow, orange, and red (higher elevation). The map features a network of channels and valleys.

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**Groundwater drives  
channel development**

**SUBARCTIC SOILS**  
Nitrous oxide hotspots

**GLACIAL TERMINATIONS**  
A southern start

**INDONESIAN FIRES**  
Drought and human influence