

Comparison of fire and vegetation dynamics depending on human impact in the Orkhon Valley during the Late Holocene

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Orkhon Valley

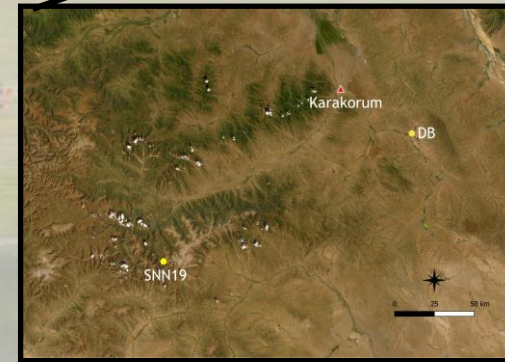
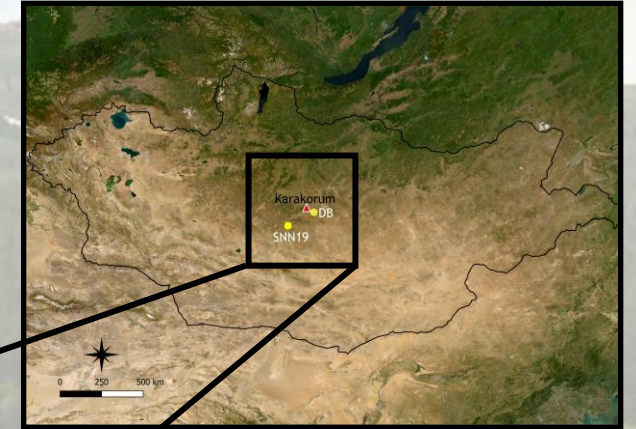
- Few studies in paleoecology
- Karakorum ancient capital (690 to 720 cal. yr BP)

DB (Deliin Burd)

- About 35 km from Karakorum

SNN19 (Shireet Naiman Nuur)

- Isolated (altitude +2000 m) and 100 km from Karakorum



No major differences for pollen
(but *Amaranthaceae*)

But in **DB**:

- **Sporomiella/Soradaria** percentages huge

- **Higher fire frequency + much greater intensity (peak magnitude)**

