Ice thickness measurement of the debris-covered Kangtshung glacier, Nepal Himalaya

**What do we see?**

- Observed ice thickness (%NEN) looks largely uncertain, but we need a better description on the ice thickness of the debris-covered glaciers and those for other ice caps were included for comparison.

**Observed data**

- **Where**
  - Kangtshung glacier, Nepal Himalaya
- **What**
  - Ice thickness

**Deemed relevant...**

- **What**
  - Study on ice thickness
  - Ice thickness measurement
  - Debris-covered glacier

**What do we learn?**

- **Where**
  - Kangtshung glacier, Nepal Himalaya
- **What**
  - Ice thickness

**Modelled data**

- **Where**
  - Kangtshung glacier, Nepal Himalaya
- **What**
  - Ice thickness

**What do the results show?**

- Measured ice thickness of several meters and background on the debris-covered glaciers. The measured ice thickness is compared to other datasets. It shows a typical ice thickness of 5.7 m. The measured ice thickness is compared to other datasets. It shows a typical ice thickness of 5.7 m. The measured ice thickness is compared to other datasets. It shows a typical ice thickness of 5.7 m. The measured ice thickness is compared to other datasets. It shows a typical ice thickness of 5.7 m.

**Modelled data**

- **Where**
  - Kangtshung glacier, Nepal Himalaya
- **What**
  - Ice thickness

**Next steps**

- Improved ice thickness for models
  - Improved data
  - Better characterization of glaciers

**Implications**

- Improved ice thickness for models