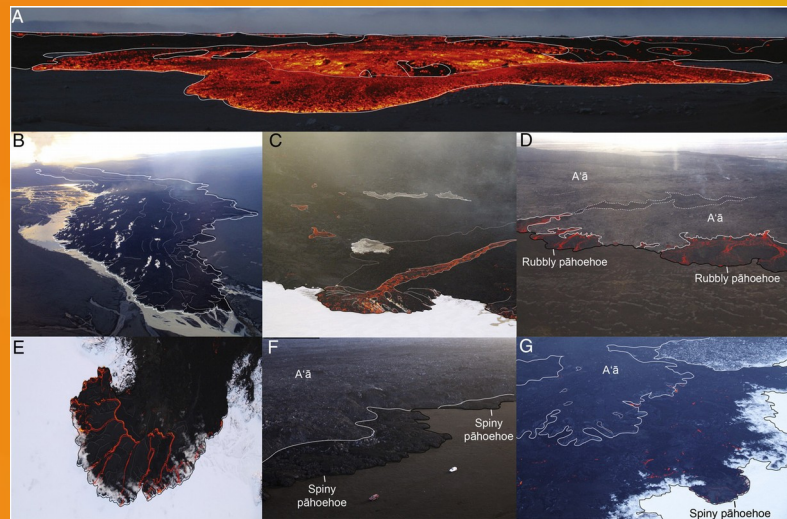


Two snapshots from Icelandic volcanoes: (1) the emplacement of the 2014-2015 Holuhraun eruption, and (2) the behavior of Hekla volcano during the XX century

Gro BM Pedersen (Postdoctoral research fellow at University of Iceland)

Lunedì 15 Aprile, dalle ore 13 alle 14
Aula C

Below: Active lava flows during the 2014-15 Holuhraun eruption (volume $\sim 1.5 \text{ km}^3$). Flow field evolution and the emplacement dynamics are illustrated (Figure after Pedersen et al. *JVGR* 2017).



Right: Lava flow thickness maps for Hekla Mountain in the 20th century. Lava volumes and effusion rates in the time interval 1947-2000 have been derived from historical stereo photographs (Figure after Pedersen et al. *GRL* 2018).

