



**DUBLIN INSTITUTE FOR ADVANCED STUDIES  
(DIAS)**

# DIAS

- HERSK: Monitoring Hekla Volcano
  - IGUANA: Monitoring Sierra Negra
- } Volcano monitoring
- Volcano seismicity:
    - Triggering systems
    - Dependent on stress state
    - Observed cycle
  - Ocean: microseism sources
    - Background noise ☾ Origin Love-waves
    - From Ocean Bottom instruments
    - Sedimentary basin: big influence
  - ❖ Interesting for SPIN: upcoming field project Iceland