



**NICARNICA AVIATION**  
REMOTE SENSING TECHNOLOGIES

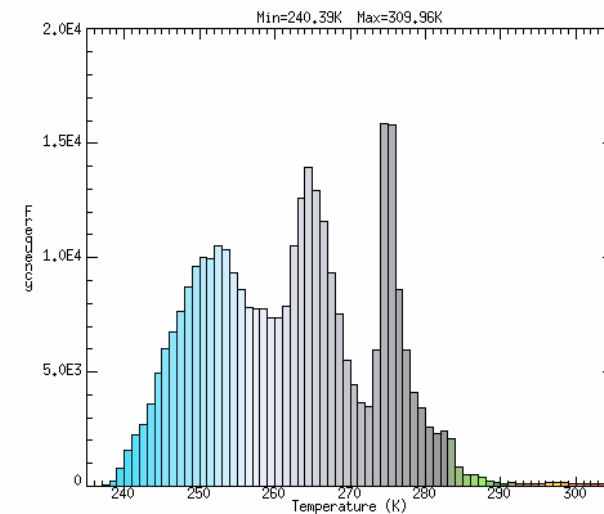
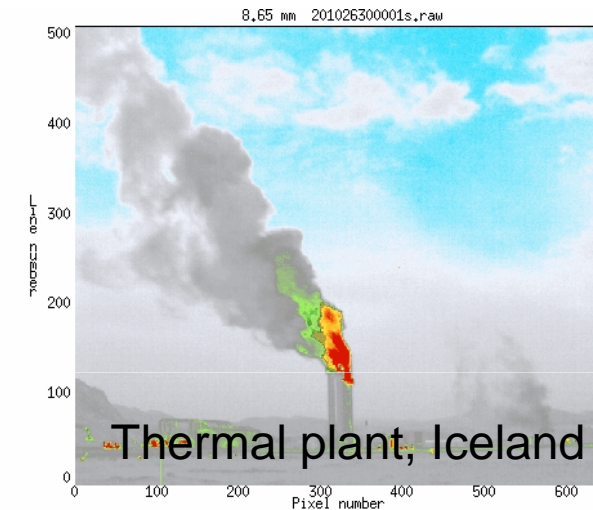
# Nicarnica Aviation AS

## ... contributions to *FUTUREVOLC*

Dr Fred Prata



nicAIR camera at Grímsvötn

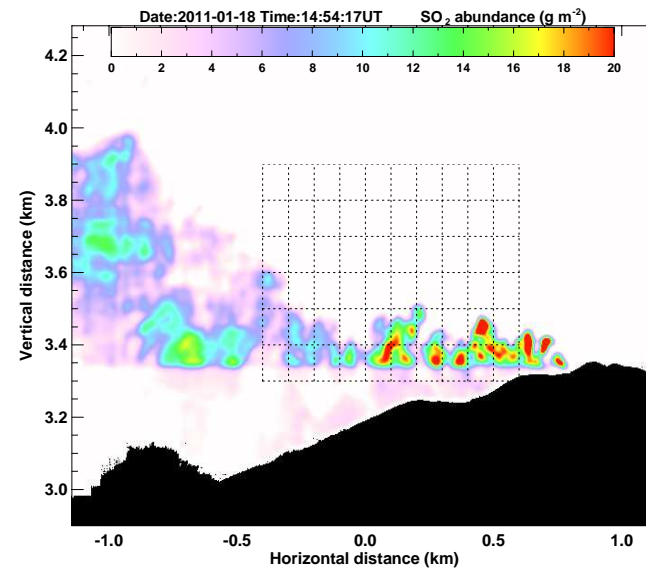




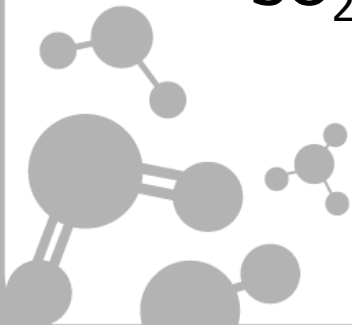
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# NicAIR

- Fast-sampling (1 Hz), multi-spectral (4-channels), thermal imaging camera
- 3 cameras to be deployed
- Measurements:
  - Plume height
  - Plume rise rate
  - Fine ash mass flux
  - SO<sub>2</sub> gas flux



SO<sub>2</sub> emissions from Turrialba, Costa Rica





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# Karymsky

