

Ketill Sigurjonsson:

Iceland

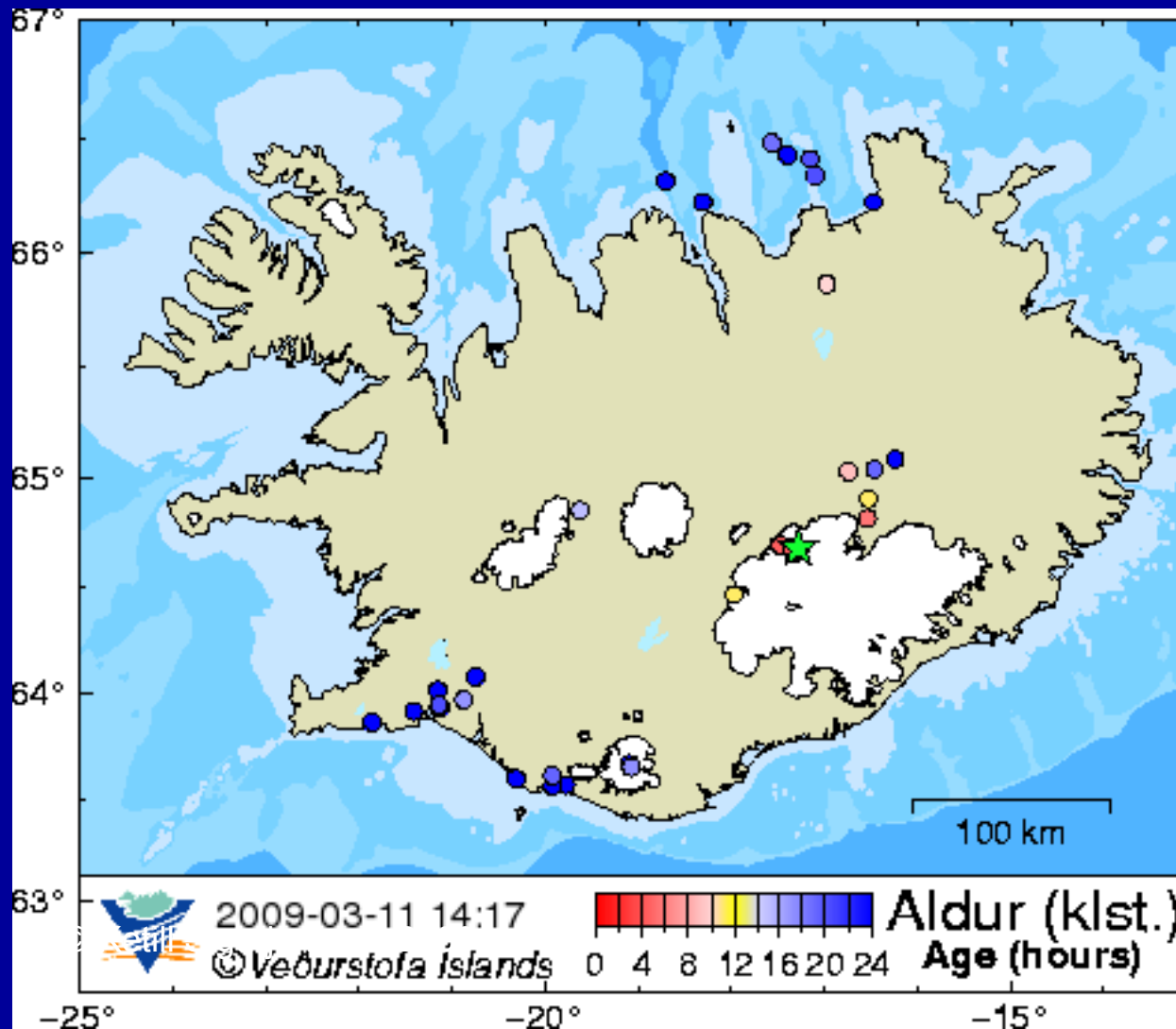
Disasters & Catastrophes

March 17th
2009



Life as usual in Iceland

Map showing earthquakes in Iceland on March 11th 2009



Iceland in a nutshell

- Size: 103 thousand sqkm
- Population: 320.000
- Characteristics:
 - Renewable energy
 - Strong fisheries sector
 - High life expectancy (82 yrs; ranks 2nd according to UN)
 - High on the UN Human Development Index (ranks 1-2)

The Threats

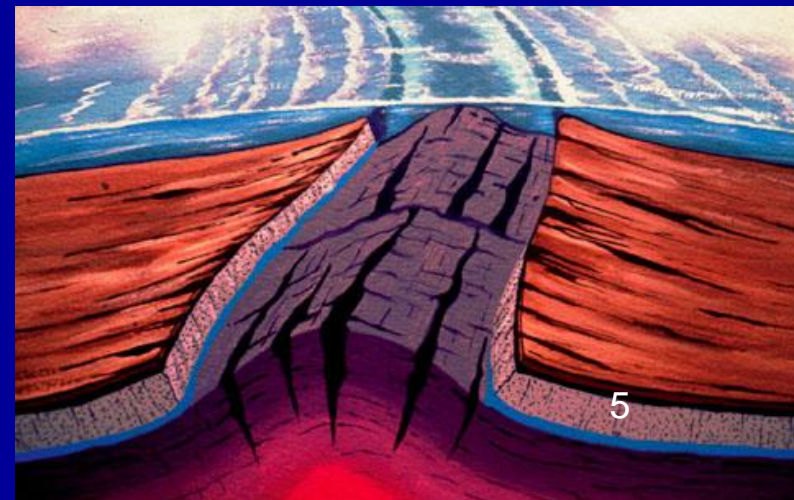
Volcanic Eruptions

Earthquakes

Nuclear Waste

Iceland's geology

Iceland is located on a
Hot Spot right on the
Mid Atlantic Ridge



Iceland (1)

Volcanic Eruptions

Earthquakes

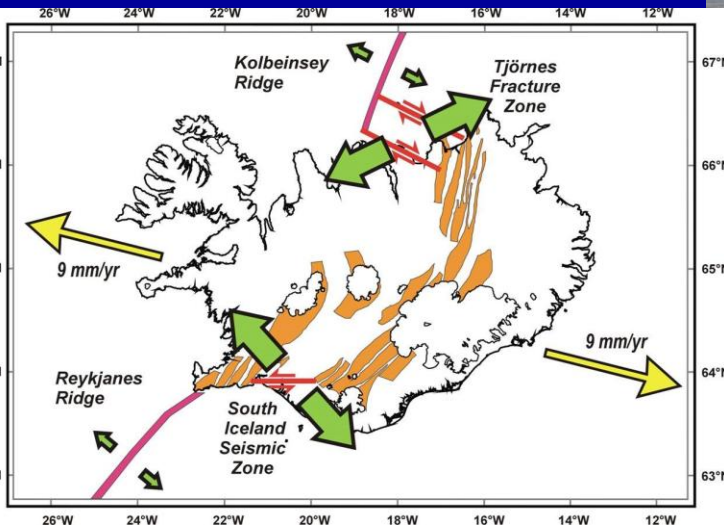
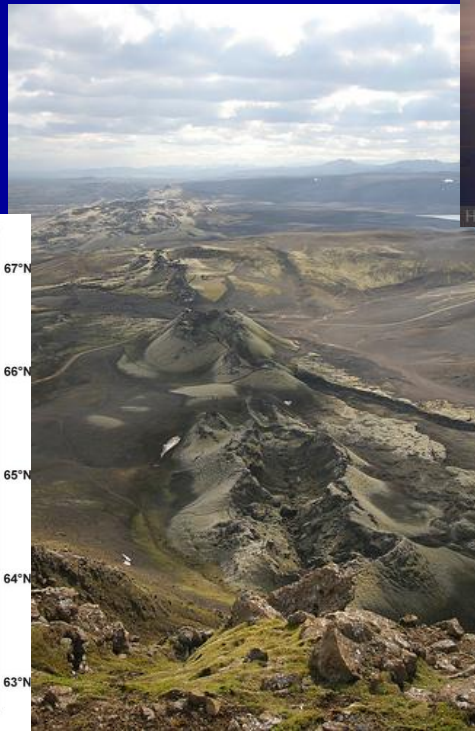
Nuclear Waste

Frequent Volcanic Eruptions

- The active zones
- Vatnajokull Glacier 1996
- Monsterous: Laki 1783-8



Haukur Snorrason - www.photos.is



Westman Islands 1973



Westman Islands 1973



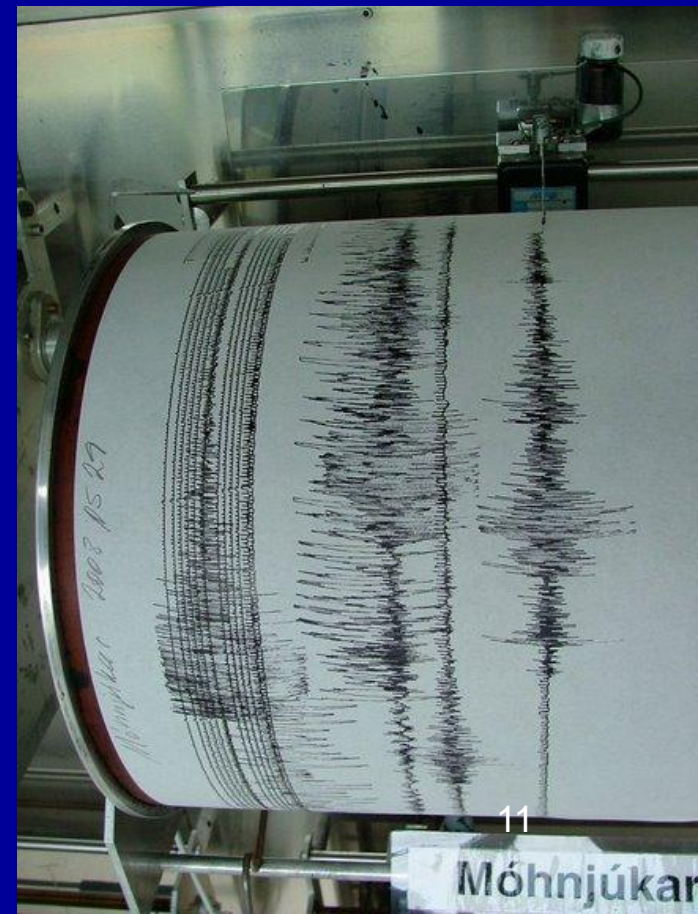
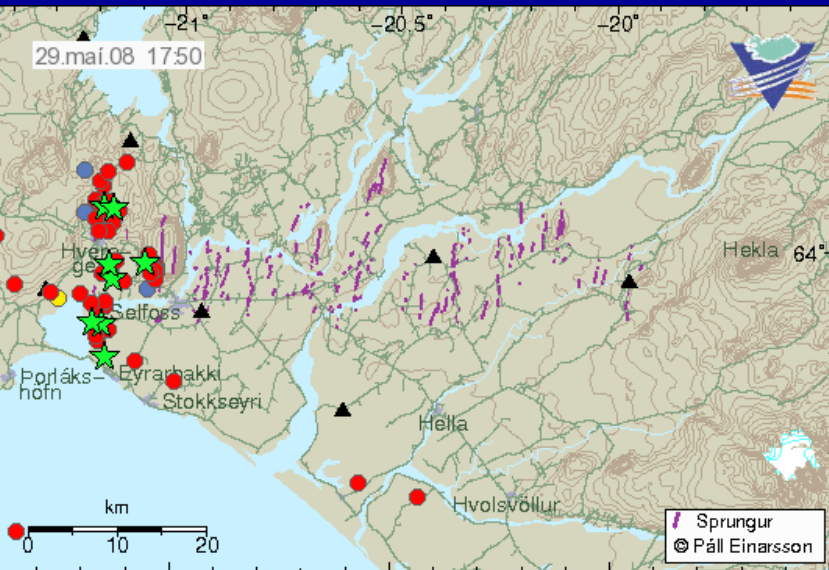
Iceland (2)

Volvanic Eruptions

Earthquakes

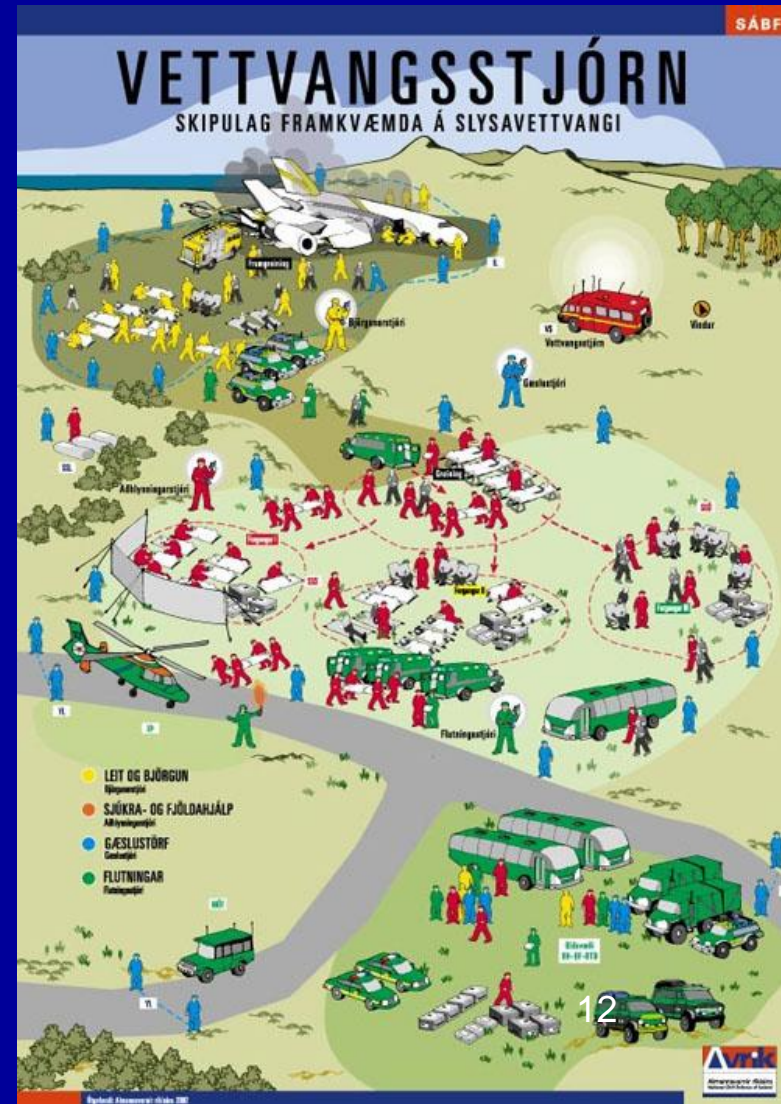
Nuclear Waste

May 29 2008 – at 03:46 PM



Be prepared!

- Civil Protection Authority
- Comprehensive monitoring
- Well educated geologists and scientists
- Informed people



Iceland (3)

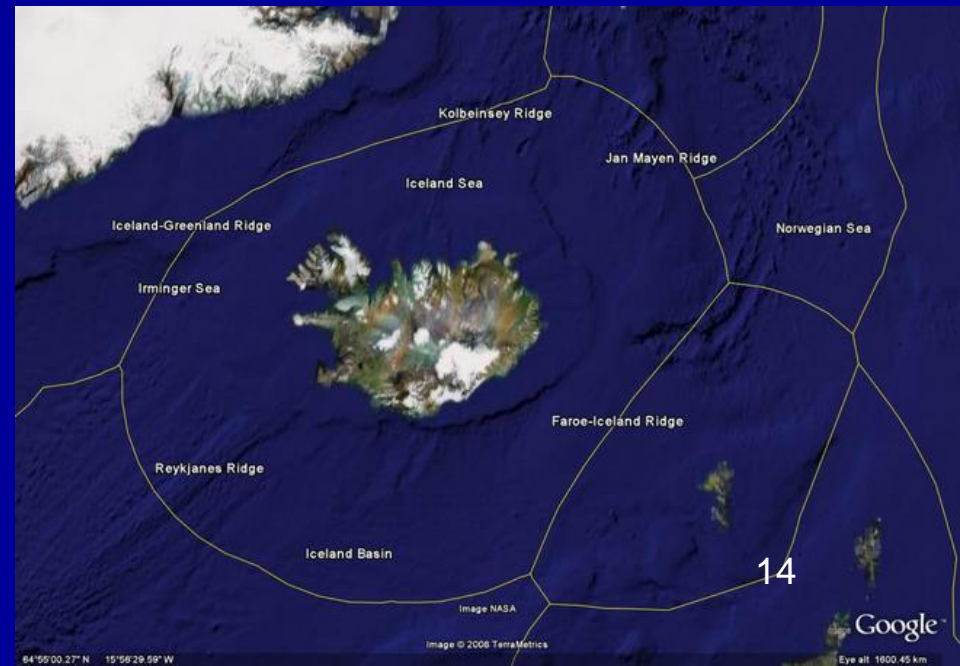
Volcanic Eruptions

Earthquakes

Nuclear Waste

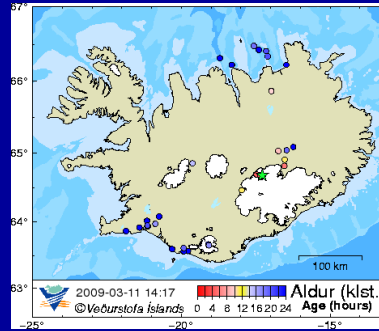
The Risk: Iceland's EEZ

- 200 nautical miles.
- Median lines towards Greenland and Faroe Islands.



Radiation Protection Institute

- Monitoring & surveillance.
- No experience in dangerous nuclear situation.
- Few weeks ago a tanker with nuclear waste had some problems in rough seas just south of the Icelandic coast.



Volcanoes

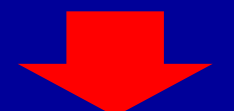
Earthquakes

Nuclear Waste

Monitoring



Experience



Education



Awareness



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