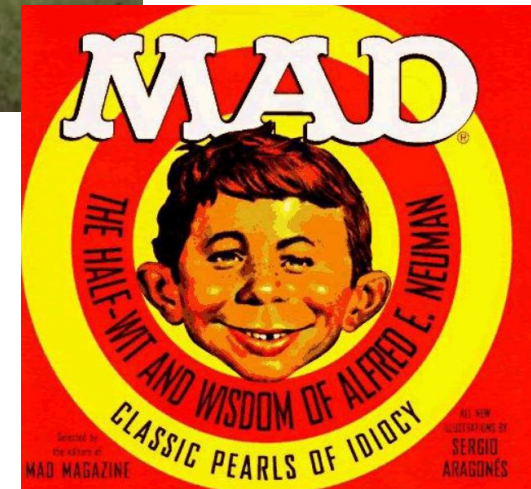


# The role of Geoheritage in Educating for geo-risk: ensuring World Heritage has a positive impact



*a discussion*



# UNESCO - World Heritage - Geoparks

1. Both are ways of protecting and managing geosites
  2. Both are portals to raise geo- awareness, and educate
- Why two?
  - What criteria differentiate them?
  - How are both viewed by the public?
  - Which is the most useful for georisk?

# World Heritage History

Galapagos 1978

Grand Canyon 1979

Hawaii 1987

Aeolian Islands 2000

Jeju 2007

Teide 2007

Surtsey 2008

Etna 2013

Pinacate 2013

Chaine de Puy - Limagne Fault 2016?

Revillagigedo (Socorro) 2016?

- **First nomination proposals just a few pages, no report**
- **Increasing complexity,**
- **Increasingly comparative**
- **Increasingly long reports of IUCN**

**2007 – 'Too Many Volcanoes'**

*'All volcanoes are in some way unique, but only those that are uniquely representative should be included on WH list'*

**How much is too many?**

# Educating for Georisk

rapidly evolving geothermal system  
In mining context

Dallol



Mexico City



Capulin



urban risk appreciation

education – scoria mining - archeology