

# **Sounds of the subduction zone plumbing system**

***Modeling tectonic tremor activity in a fault-valve, pore-pressure-diffusive system***

**Gaspard Farge, Claude Jaupart and Nikolai Shapiro**

# Linking tectonic tremor activity to fluid circulation

## *Tectonic tremor activity*

LFE activity is intermittent across scales:

Long & wide: slow-slip events

Short & small: bursts

