

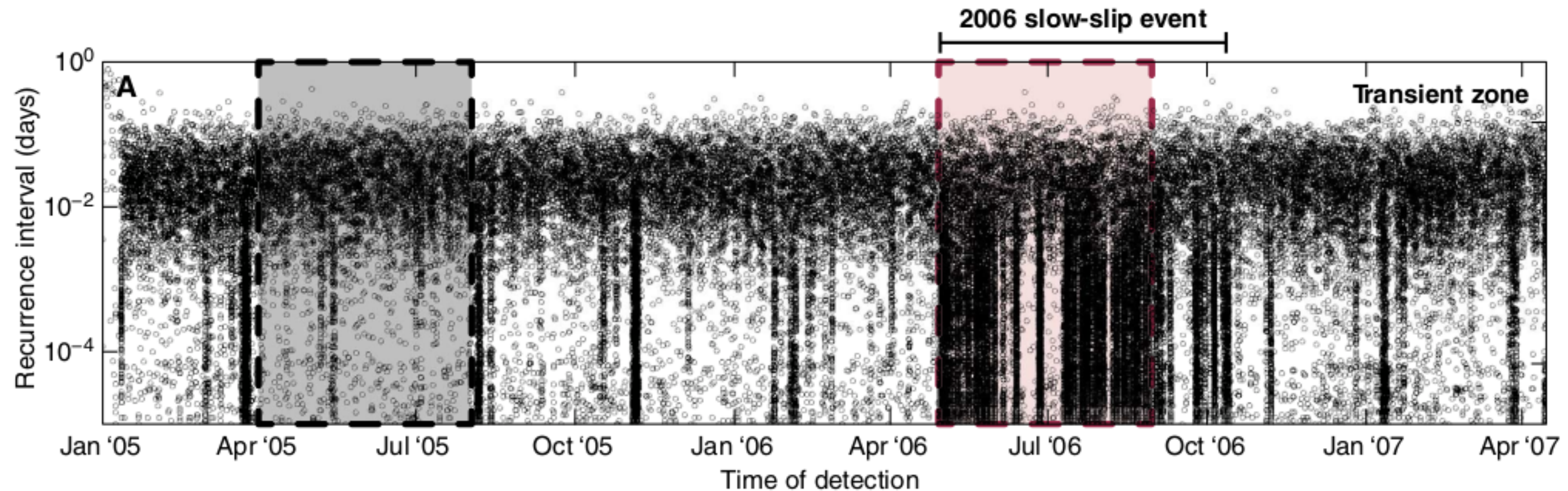
Linking tectonic tremor activity to fluid circulation

Tectonic tremor activity

LFE activity is intermittent across scales:

Long & wide: slow-slip events

Short & small: bursts



Linking tectonic tremor activity to fluid circulation

Implication of fluids

- Pore pressure pulses weaken plate interface, allow slow slip, triggers LFEs
- No direct observations of fluid flow

Can we use LFE activity to characterize fluid circulation at depth?