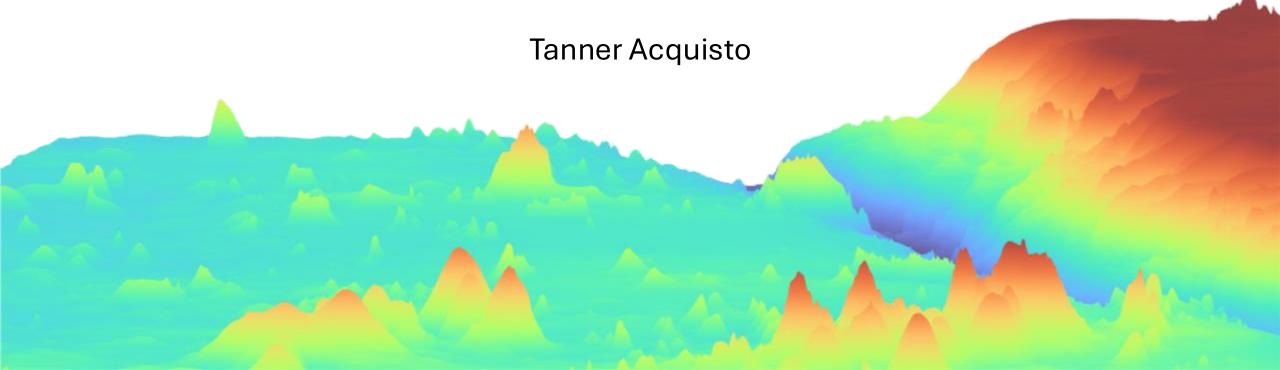


CAUTION



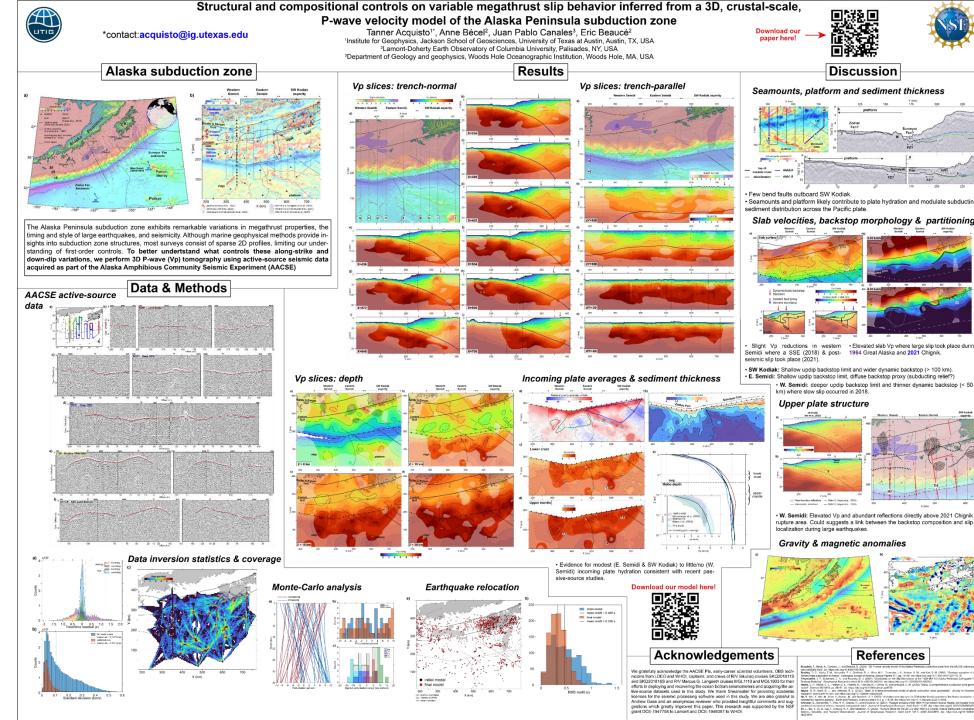
HICH PRESSURE AIR

Crustal-scale imaging of subduction zones with 2D and 3D active-source seismic data.



T53C-3223

- Friday afternoon, 13h40-17h30.
- 3D crustal-scale Vp model of Alaska subduction zone.
- Reveals structural and compositional changes in both plates that could help explain different megathrust behaviors.
- Recently published in JGR: Solid Earth (Acquisto et al., 2024)
- Model available for download on the MGDS.



T13C-337

- Monday afternoon, 13h40-17h30
- Constraints on water content of the Cocos plate outboard the Middle America Trench, Mexico.
 - Most of the water is stored in the upper crust, whereas the lower crust and mantle are relatively dry.
- Joint inversion of OBS & MCS data produces a sharper, crustal-scale image.

