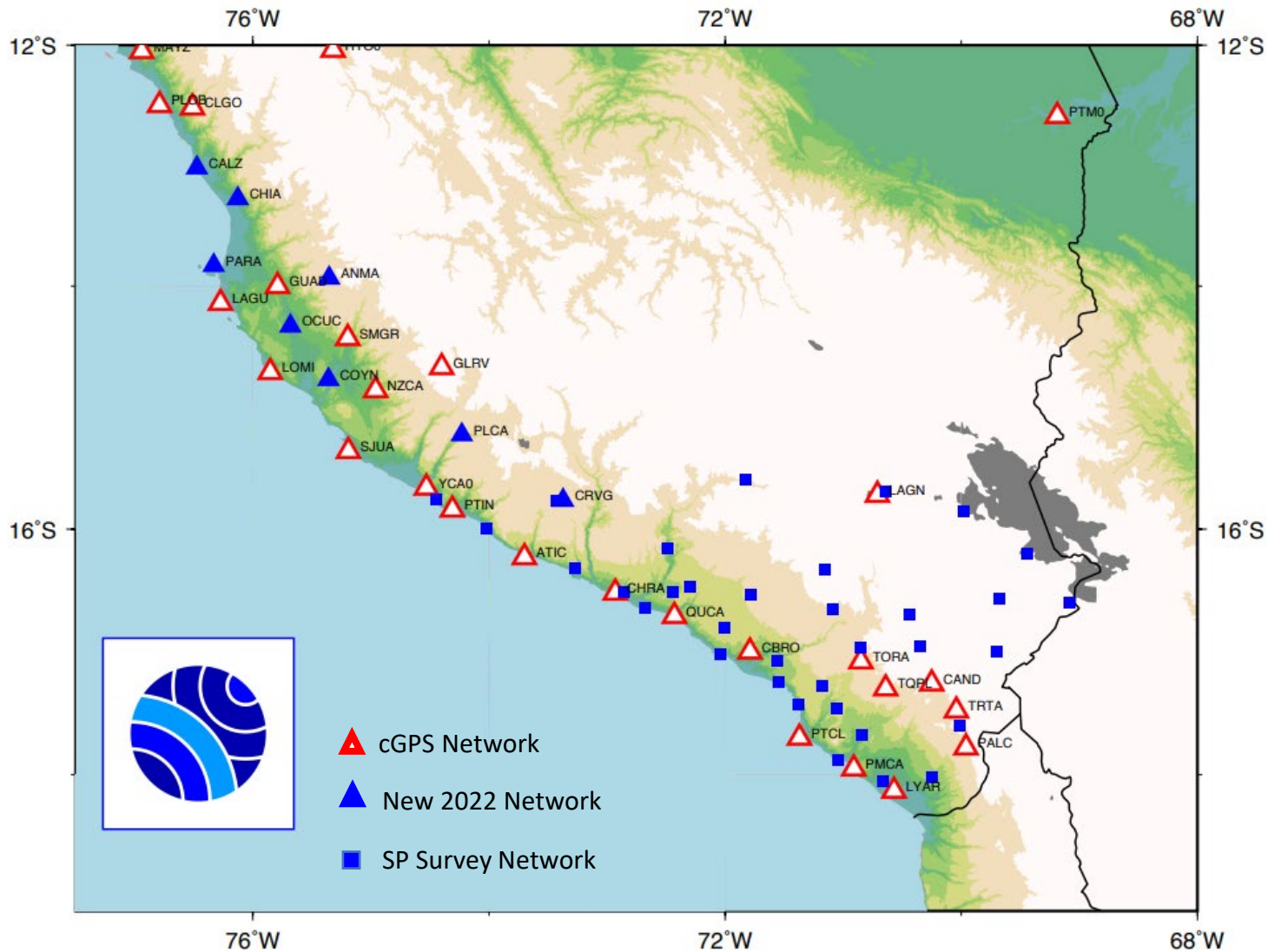


# GPS/GNSS Networks in Southern Peru

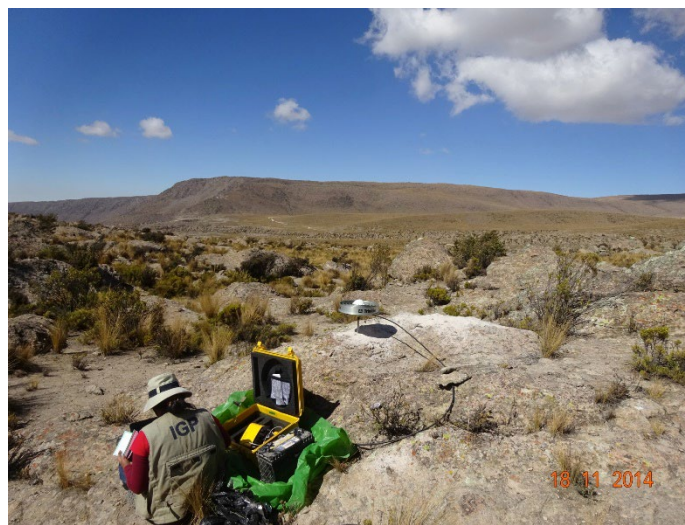
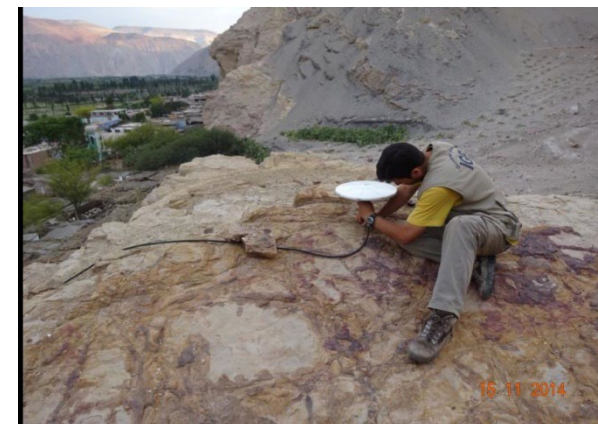
UNESCO/IOC Meeting – Arica August 2023



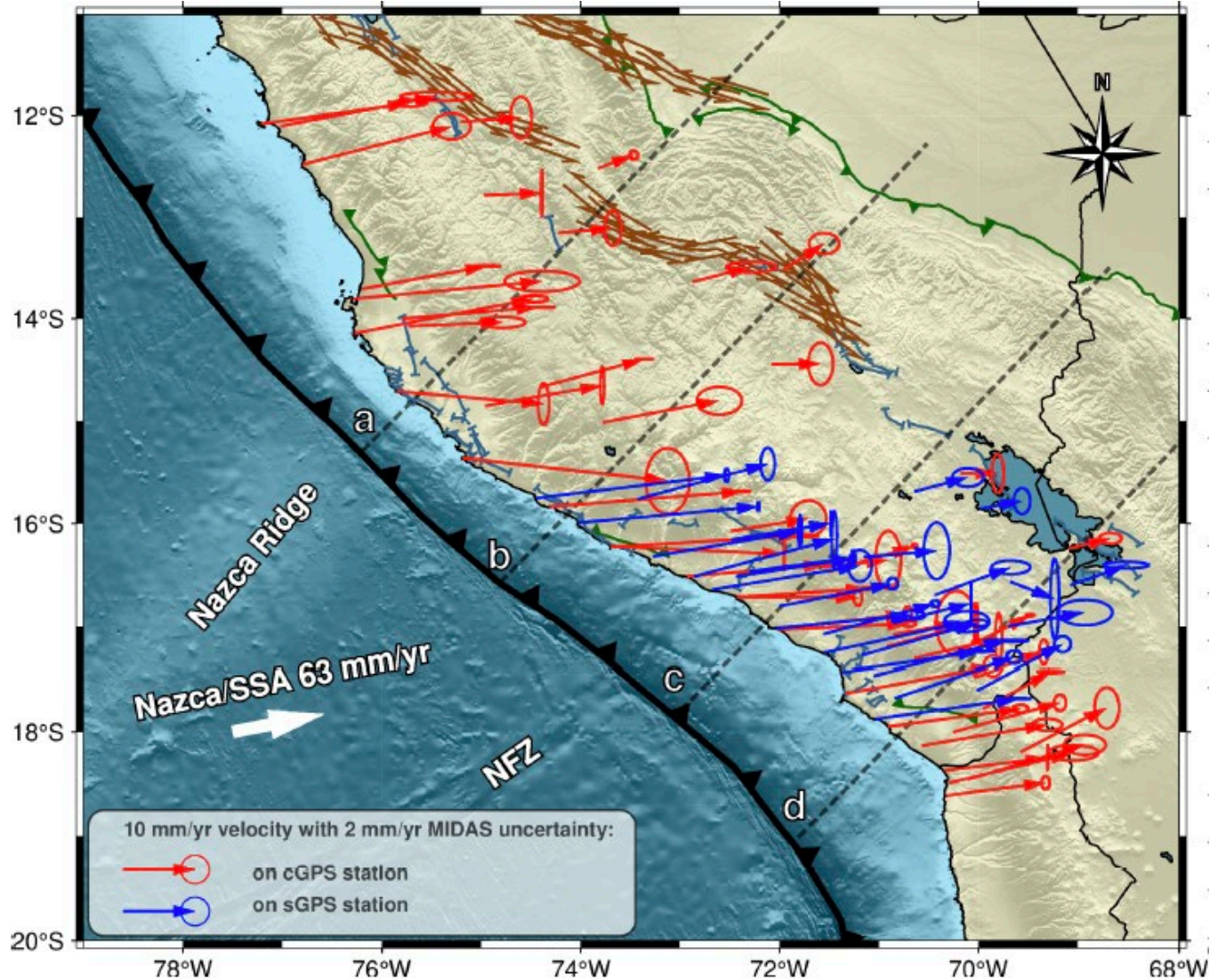
# Distribution Map



# GPS/GNSS Sites



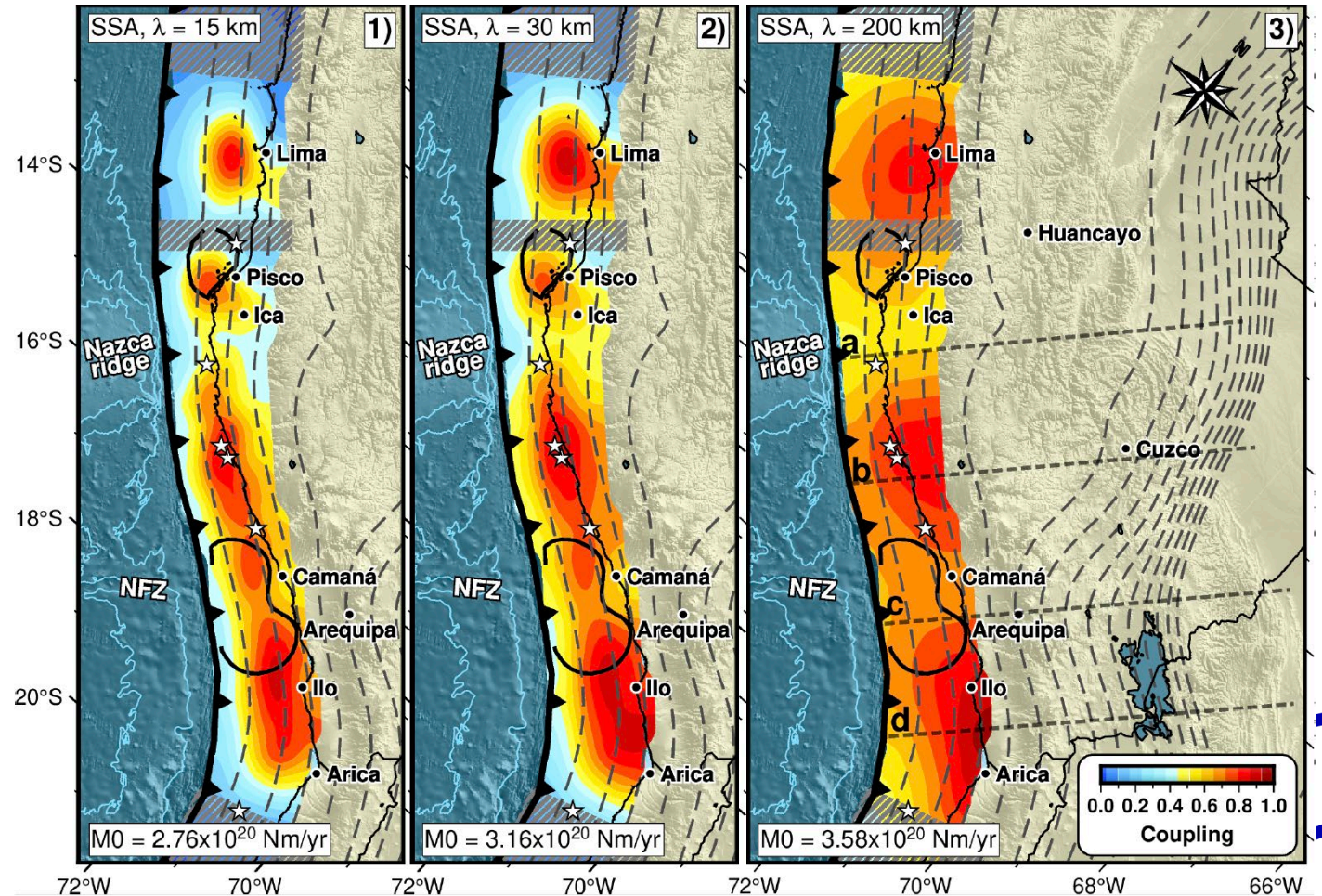
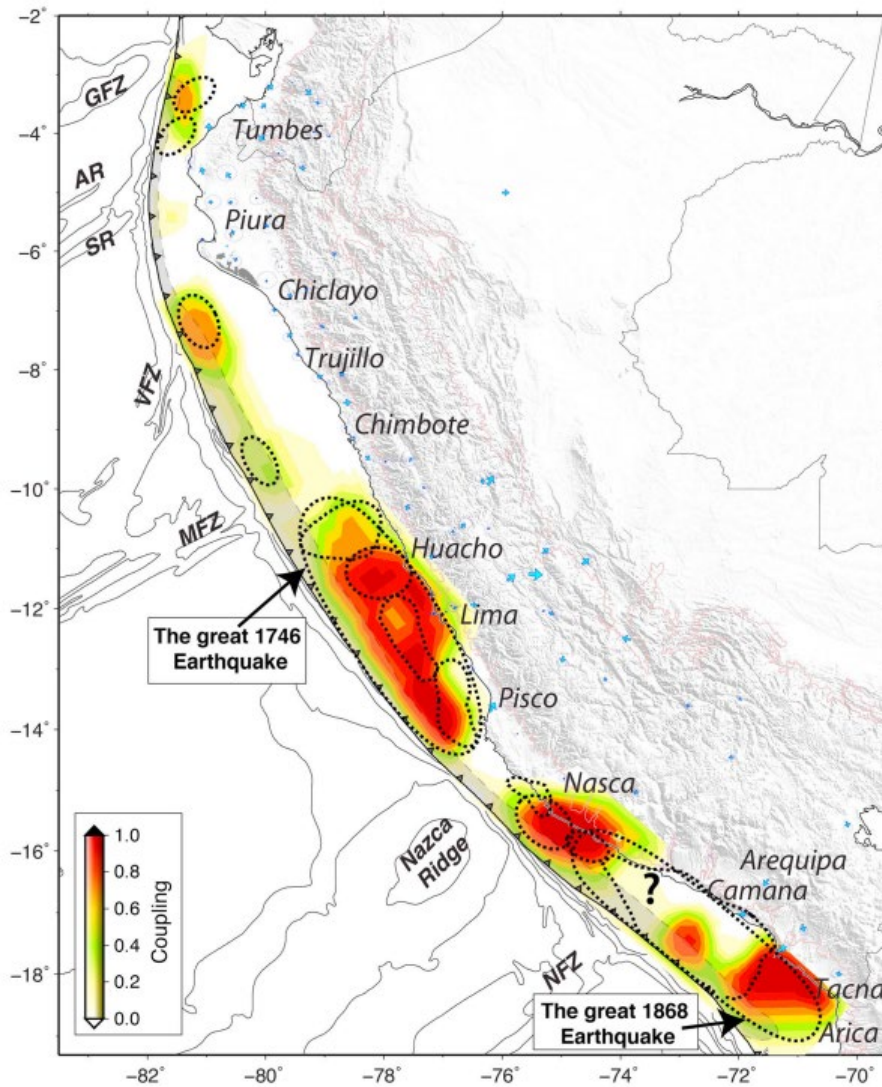
# Estimates of GPS/GNSS Velocities 8/23/23



*Loverly B. et al, 2023*

# Inversion Geodetic Data

Villegas J et al, 2023

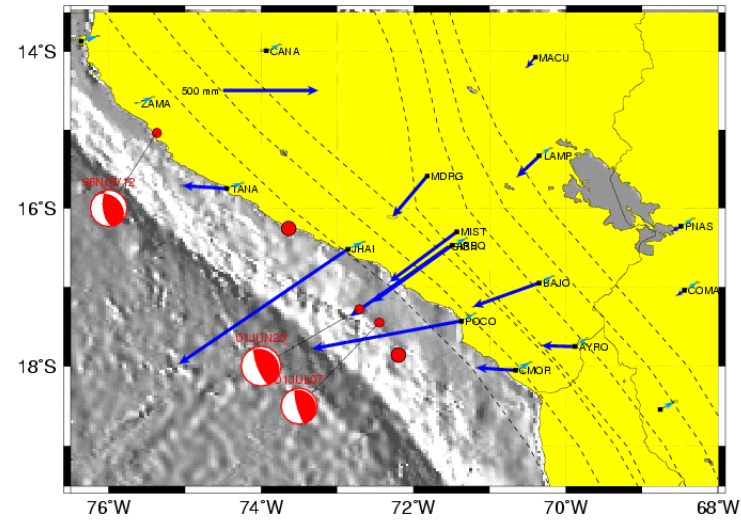
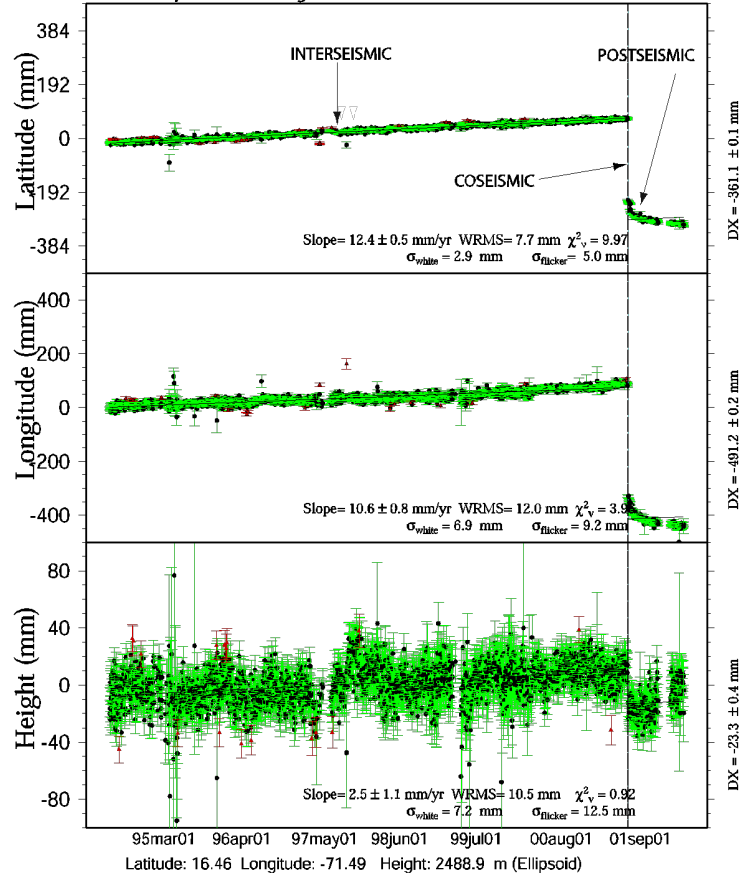


Lovery B. et al, 2023

# Coseismic Footprint – Arequipa June 2021

## AREQ Geographical Coordinates

Time Span: 7.825 yrs N: 2485 Frame: ITRF97



# REFLEXION

“Disasters occurs not because mother Earth did something unexpected, but because we human beings chose to live in places vulnerable to natural hazards without proper design and buildings of our homes.”

Curving Catastrophy, T.H. Dixon

