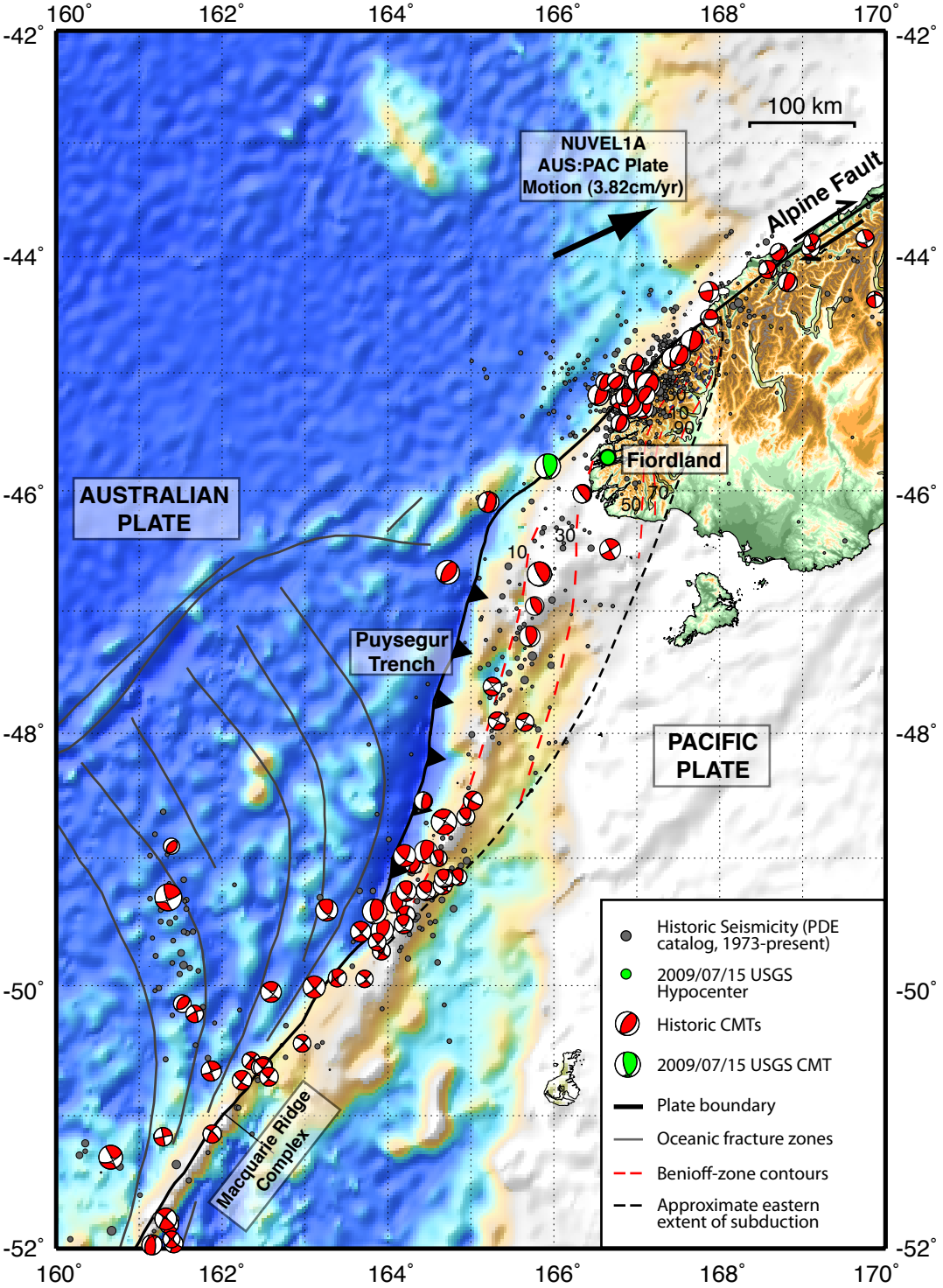
160°
162°
164°
166°
168°
170°
-42°
-44°
-46°
-48°
-50°
-52°
100 km
NUVEL1A
AUS:PAC Plate
Motion (3.82cm/yr)
Alpine Fault
Fiordland
AUSTRALIAN
PLATE
Puysegur
Trench
PACIFIC
PLATE
Macquarie Ridge
Complex
10
30
50
70
90
Historic Seismicity (PDE catalog, 1973-present)
2009/07/15 USGS Hypocenter
Historic CMTs
2009/07/15 USGS CMT
Plate boundary
Oceanic fracture zones
Benioff-zone contours
Approximate eastern extent of subduction