**(a)** 

**(b)** TA, XO

**(c)** PKPab, PKPdf, PKSdf — PKP, PKS

**(d)** a, b, c, d — Travel time (s), Distance (°)

**(a)**

Z | N | E

2013-07-06-00-00-00

0.04

2012-07-16-11-00-00

**(b)**

a

c

b

d

**(a)** Southern winter / Southern summer — {m} (0–7)

**(b)** T=4s / T=5s

Duration (hr): 10, 50, 100

**(c)**

Event: PKP (red), Other (gray)

PKP-beam amplitude vs Time (2012-07-01, 2012-10-01, 2013-01-01, 2013-04-01, 2013-07-01)

**(a)** Time (s) — E-Z, N-Z panels; Date axis with 2012-09-01, 2012-08-01, 2012-07-01
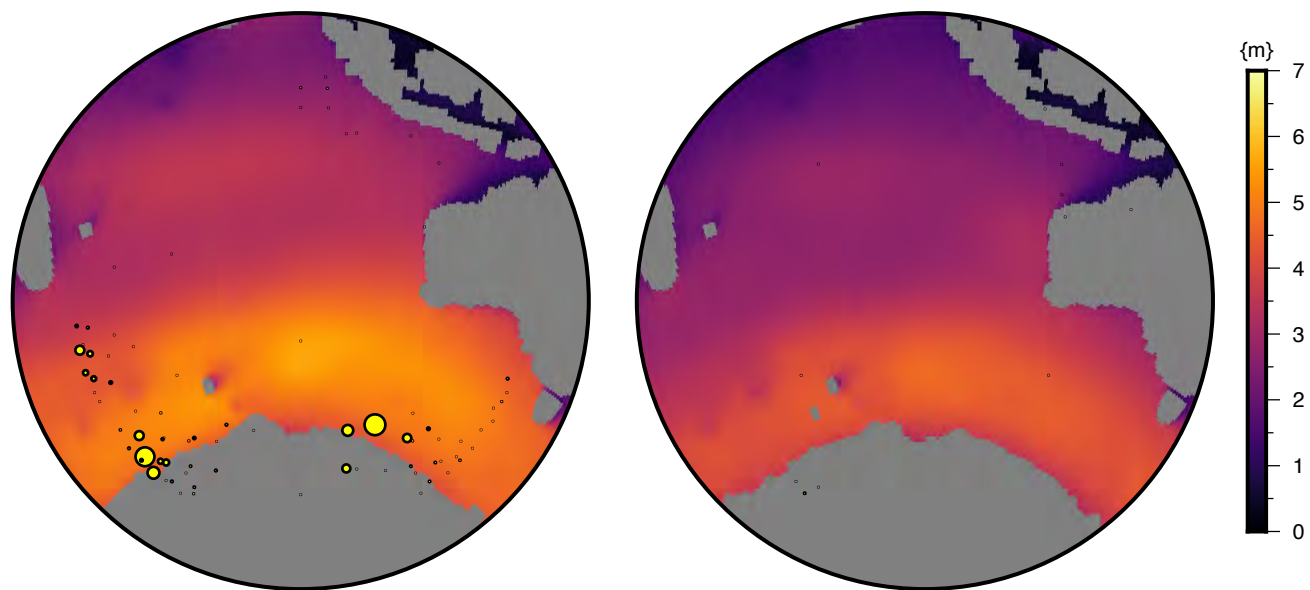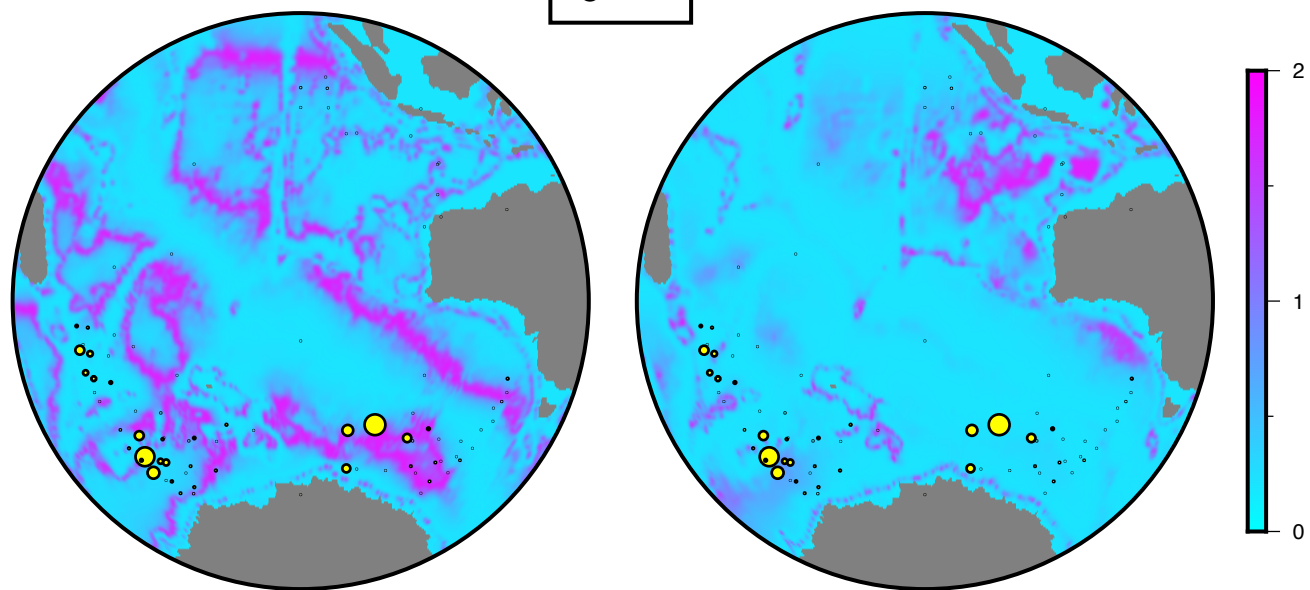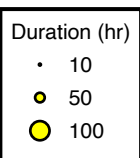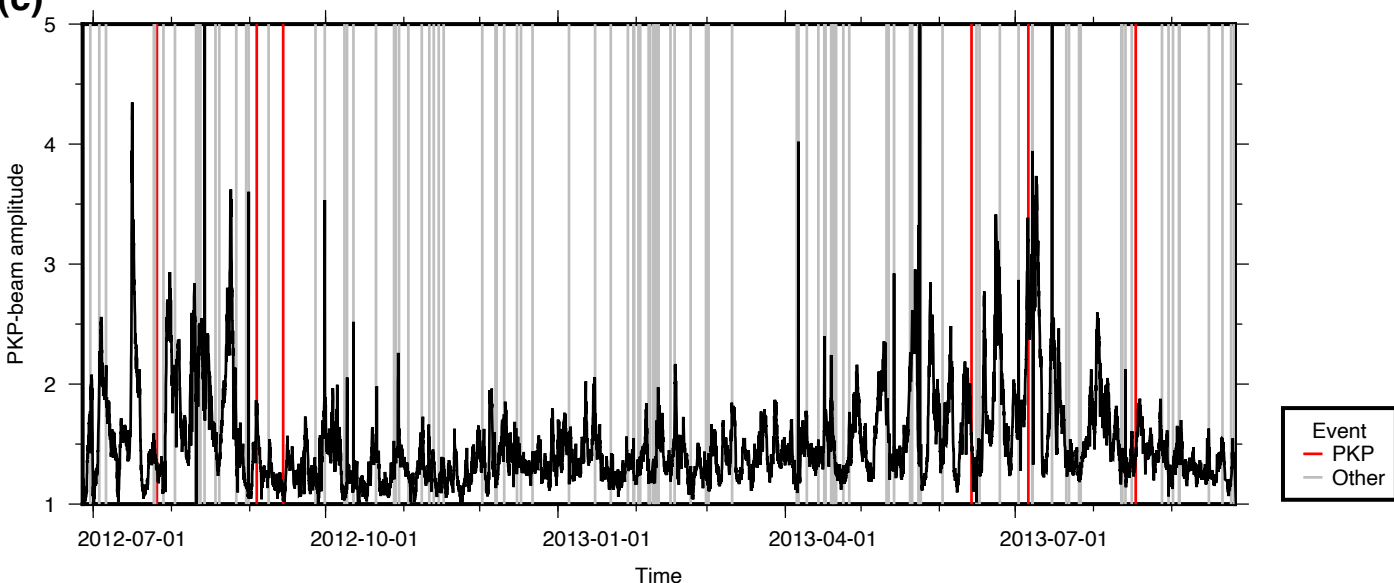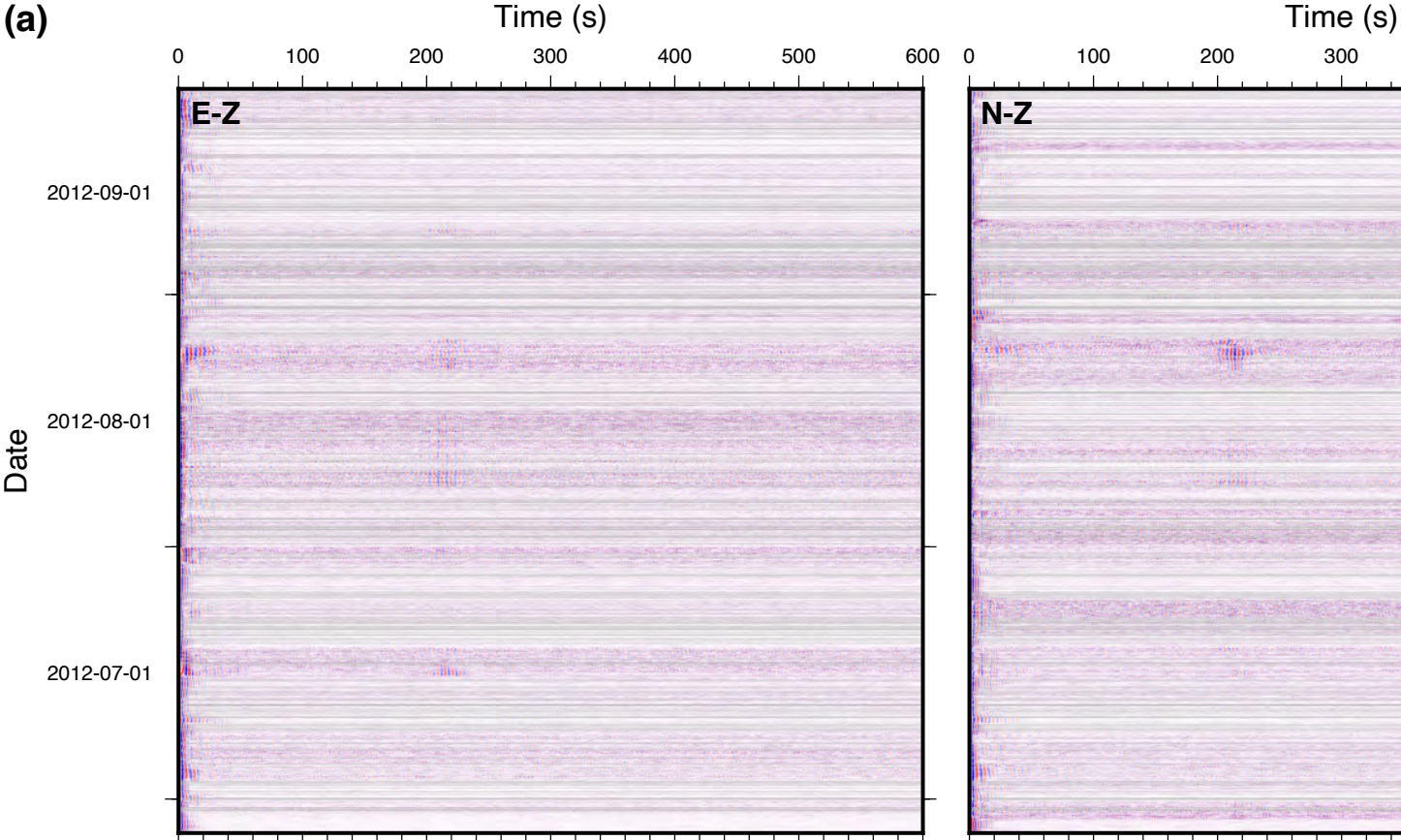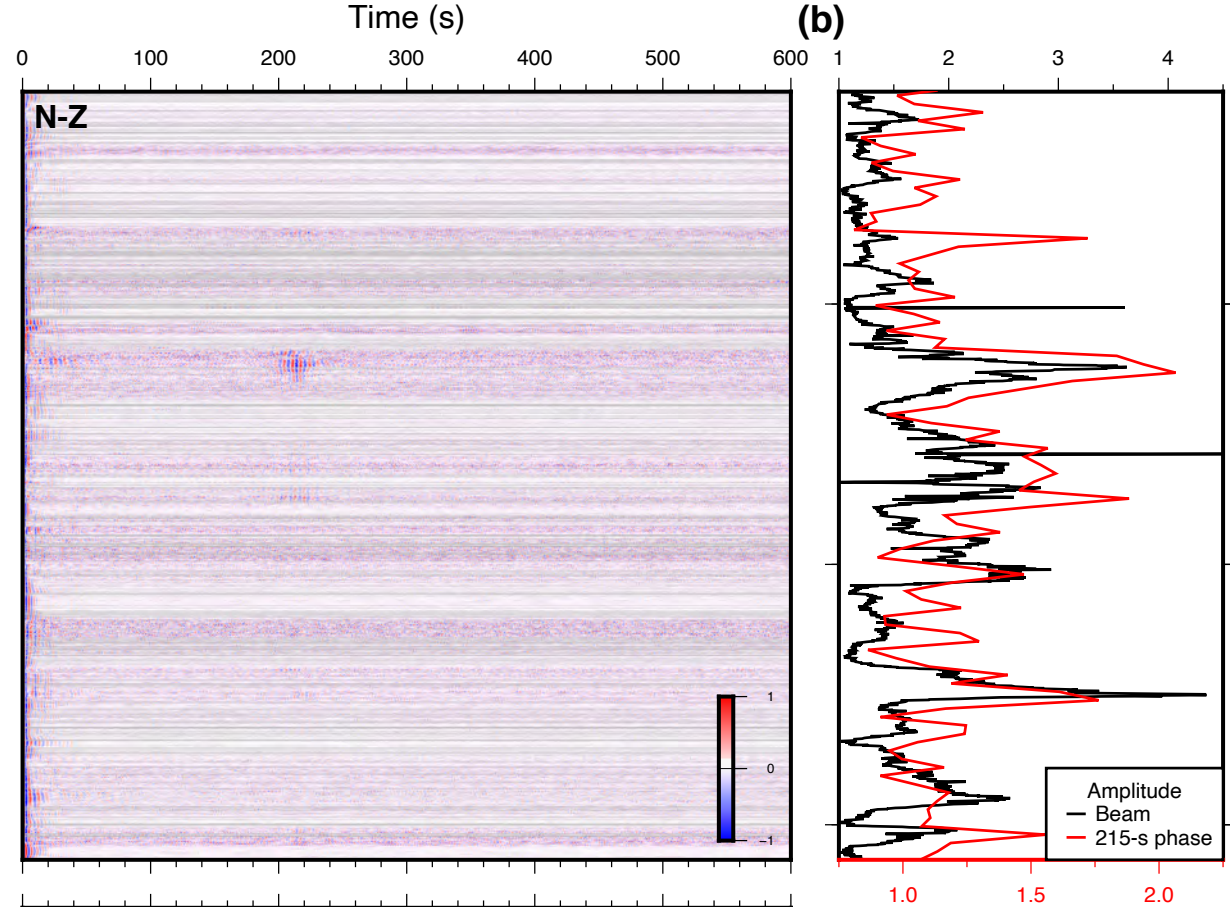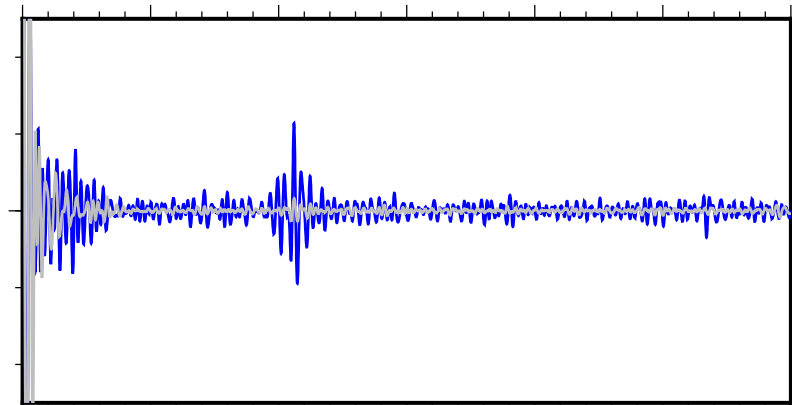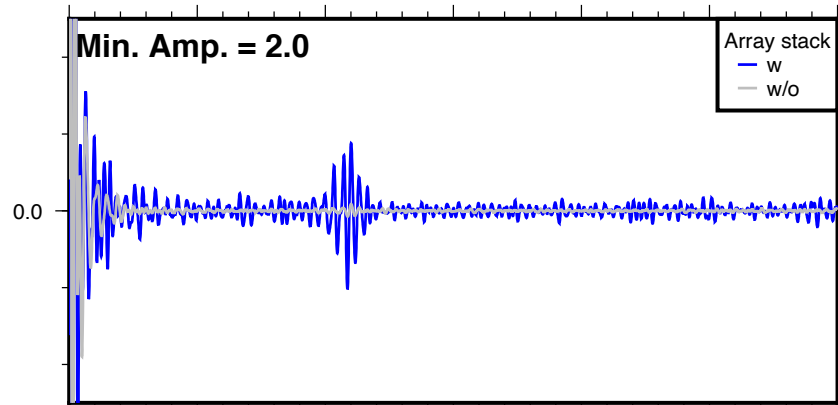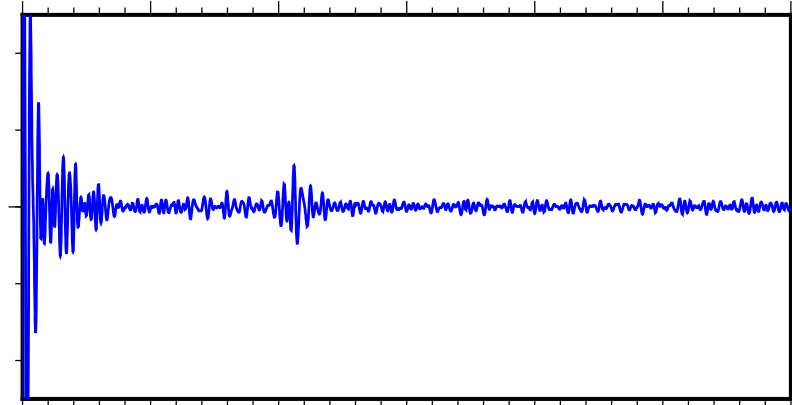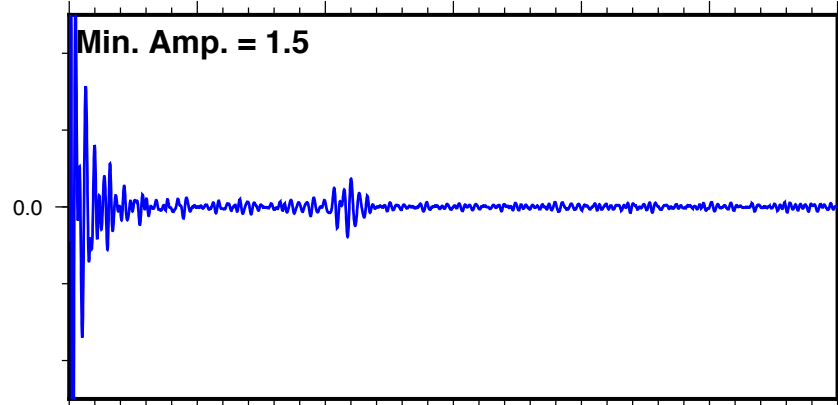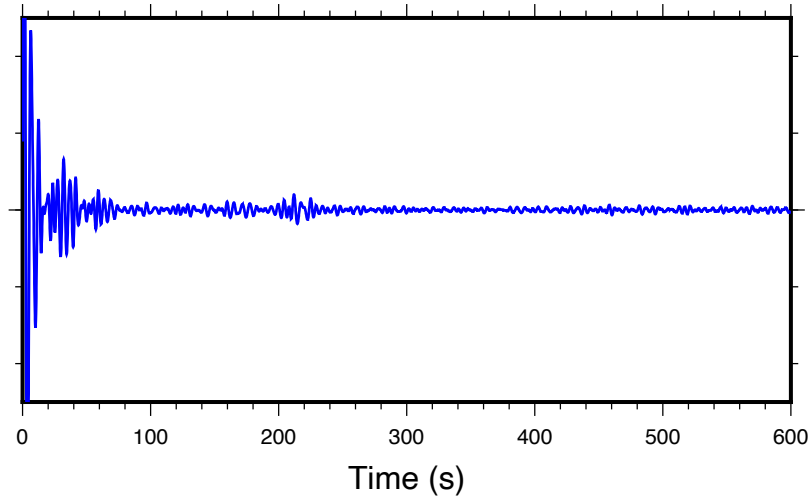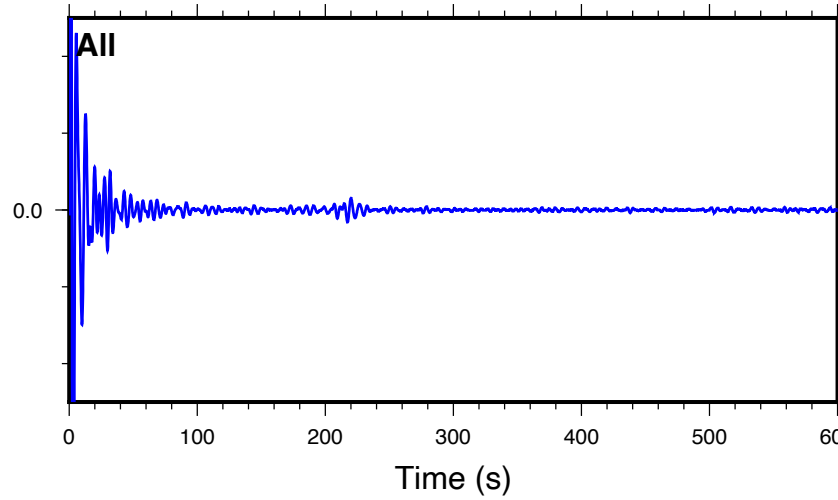
**(b)** Amplitude — Beam, 215-s phase

**(c)** Min. Amp. = 2.0; Array stack: w, w/o

**(d)** Min. Amp. = 1.5

**(e)** All

**(a)** PKP01, 217.5°, 0.038 s/km, 153 hrs

**(b)** PKP02, 142.5°, 0.028 s/km, 140 hrs

**(c)** PKP03, 202.5°, 0.038 s/km, 100 hrs

**(d)** PKP04, 202.5°, 0.038 s/km, 100 hrs

**(e)** PKP05, 97.5°, 0.033 s/km, 83 hrs

E-Z
N-Z

Time (s)

Beam
Radial