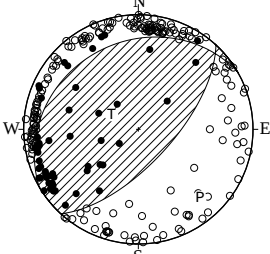


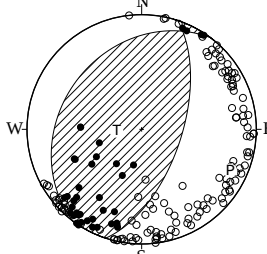
NODAL PLANE SOLUTIONS FOR EARTHQUAKES IN DECEMBER, 2017

02 DEC. 2017 00:12:29.9
SW IBARAKI PREF
36°03.1'N 139°53.4'E
H: 43KM M:4.4



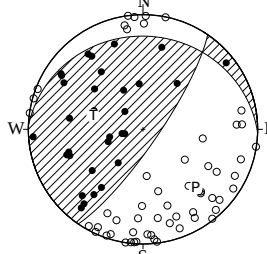
STR DIP SLIP AZM PLG
NP1 240° 25° 106° P 138° 21°
NP2 243° 66° 83° T 299° 68°
N:252 SCORE 96% N 45° 7°

02 DEC. 2017 05:48:00.9
S OFF URAKAWA
42°02.2'N 142°30.3'E
H: 67KM M:4.9



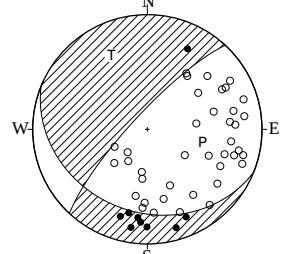
STR DIP SLIP AZM PLG
NP1 217° 30° 106° P 115° 16°
NP2 18° 61° 81° T 267° 72°
N:165 SCORE 96% N 23° 8°

02 DEC. 2017 08:17:11.0
SW IBARAKI PREF
36°11.5'N 139°58.5'E
H: 51KM M:3.4



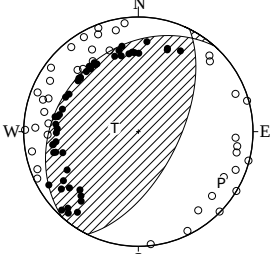
STR DIP SLIP AZM PLG
NP1 272° 20° 146° P 139° 32°
NP2 34° 79° 74° T 285° 53°
N:87 SCORE 100% N 38° 16°

02 DEC. 2017 15:20:47.1
SENDAI BAY REGION
38°09.3'N 141°17.7'E
H: 66KM M:3.3



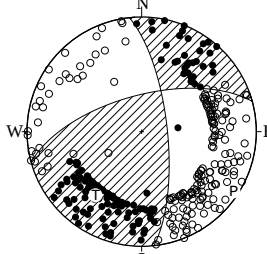
STR DIP SLIP AZM PLG
NP1 112° 29° -23° P 104° 49°
NP2 223° 79° -117° T 334° 29°
N:48 SCORE 100% N 228° 26°

04 DEC. 2017 16:54:12.7
HYUGANADA REGION
32°11.4'N 131°58.8'E
H: 21KM M:4.2



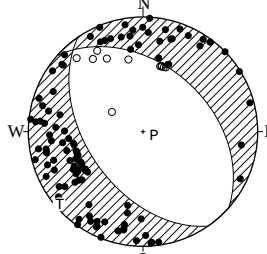
STR DIP SLIP AZM PLG
NP1 222° 30° 183° P 122° 16°
NP2 26° 61° 82° T 278° 73°
N:90 SCORE 100% N 30° 7°

06 DEC. 2017 00:13:49.3
CENTRAL NAGANO PREF
36°22.6'N 137°58.3'E
H: 10KM M:5.3



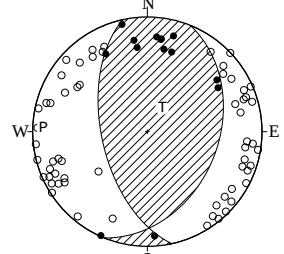
STR DIP SLIP AZM PLG
NP1 255° 64° 160° P 123° 5°
NP2 354° 72° 27° T 216° 32°
N:318 SCORE 97% N 25° 58°

06 DEC. 2017 00:22:10.4
NORTHERN IBARAKI PREF
36°48.7'N 140°32.4'E
H: 8KM M:4.5



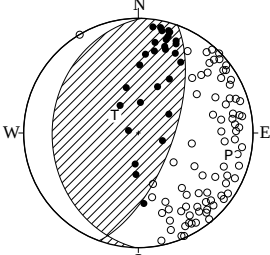
STR DIP SLIP AZM PLG
NP1 312° 41° -100° P 109° 82°
NP2 145° 49° -81° T 229° 4°
N:120 SCORE 100% N 319° 7°

11 DEC. 2017 05:39:09.8
NW WAKAYAMA PREF
34°02.6'N 135°05.5'E
H: 9KM M:3.8



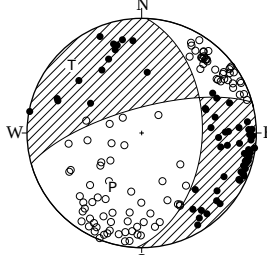
STR DIP SLIP AZM PLG
NP1 22° 38° 118° P 272° 10°
NP2 168° 57° 70° T 32° 70°
N:74 SCORE 99% N 179° 17°

12 DEC. 2017 12:47:27.2
NORTHERN IWATE PREF
39°45.4'N 141°50.1'E
H: 58KM M:4.0



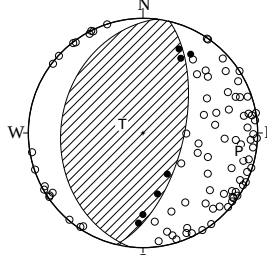
STR DIP SLIP AZM PLG
NP1 182° 26° 73° P 104° 20°
NP2 20° 65° 98° T 306° 69°
N:107 SCORE 99% N 197° 7°

14 DEC. 2017 20:20:04.8
SW IBARAKI PREF
36°02.2'N 139°51.6'E
H: 60KM M:3.4



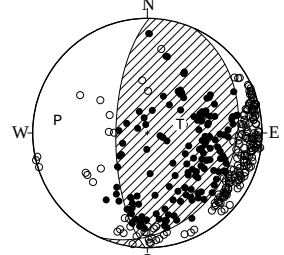
STR DIP SLIP AZM PLG
NP1 2° 46° -155° P 208° 45°
NP2 254° 72° -47° T 314° 16°
N:159 SCORE 99% N 58° 41°

14 DEC. 2017 21:12:13.5
KINKAZAN REGION
38°55.0'N 141°55.9'E
H: 51KM M:3.8



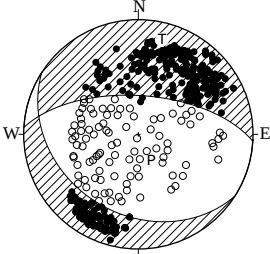
STR DIP SLIP AZM PLG
NP1 187° 29° 84° P 101° 16°
NP2 13° 61° 93° T 292° 74°
N:95 SCORE 99% N 192° 3°

15 DEC. 2017 11:42:26.0
SOUTHERN BOSO PENINSULA
35°11.0'N 139°50.9'E
H: 96KM M:4.4



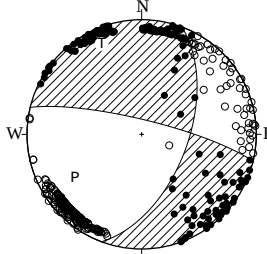
STR DIP SLIP AZM PLG
NP1 24° 24° 111° P 278° 22°
NP2 181° 68° 81° T 75° 66°
N:349 SCORE 96% N 185° 8°

15 DEC. 2017 16:04:42.9
WESTERN FUKUSHIMA PREF
37°16.9'N 139°17.4'E
H: 145KM M:4.1



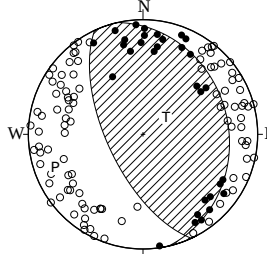
STR DIP SLIP AZM PLG
NP1 123° 31° -64° P 154° 69°
NP2 273° 62° -104° T 14° 16°
N:364 SCORE 99% N 280° 13°

16 DEC. 2017 02:58:43.9
E OFF IWATE PREF
39°41.1'N 142°05.6'E
H: 52KM M:5.5



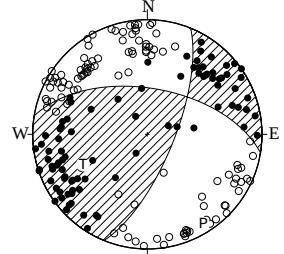
STR DIP SLIP AZM PLG
NP1 20° 57° -167° P 237° 31°
NP2 284° 80° -34° T 336° 15°
N:396 SCORE 100% N 88° 55°

16 DEC. 2017 05:57:32.4
AWAJISHIMA ISLAND REGION
34°21.6'N 134°53.4'E
H: 12KM M:3.6



STR DIP SLIP AZM PLG
NP1 347° 26° 101° P 249° 19°
NP2 155° 64° 85° T 54° 70°
N:132 SCORE 95% N 157° 5°

17 DEC. 2017 08:48:51.5
EASTERN YAMANASHI PREF
35°31.8'N 139°01.5'E
H: 22KM M:3.6



STR DIP SLIP AZM PLG
NP1 279° 57° 157° P 148° 9°
NP2 22° 71° 35° T 245° 38°
N:195 SCORE 95% N 47° 51°

EQUAL AREA PROJECTION , LOWER HEMISPHERE.

AZM:AZIMUTH OF PRESSURE(P),TENSION(T),NULL(N)-AXIS , MEASURED CLOCKWISE FROM NORTH.

PLG:PLUNGE OF P,T,N-AXIS , MEASURED DOWN FROM THE HORIZONTAL PLANE.

STR:STRIKE OF NODAL PLANE (NP1,NP2), MEASURED CLOCKWISE FROM NORTH.

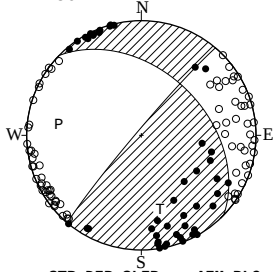
DIP:DIP OF NODAL PLANE , MEASURED DOWN FROM THE HORIZONTAL PLANE.

SLIP:SLIP DIRECTION OF THE HANGING WALL RELATIVE TO THE FOOT WALL , MEASURED COUNTERCLOCKWISE FROM THE STRIKE DIRECTION.

N:DATA NUMBER.

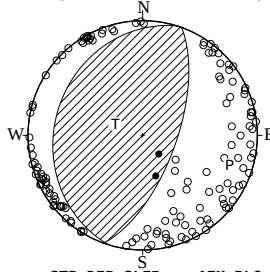
SCORE:RATIO OF THE CONSISTENT DATA NUMBER TO THE TOTAL DATA NUMBER.

18 DEC. 2017 06:09:55.1
KINKAZAN REGION
38°52.5'N 142°04.7'E
H: 50KM M:4.4



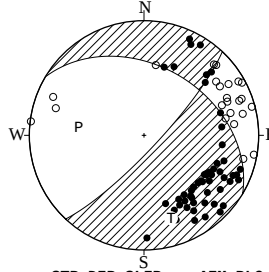
STR DIP SLIP AZM PLG
NP1 314° 43' 5° P 277° 28°
NP2 229° 86° 133° T 166° 34°
N:124 SCORE 99% N 37° 43°

19 DEC. 2017 06:54:34.1
E OFF MIYAGI PREF
38°10.9'N 141°41.1'E
H: 51KM M:4.6



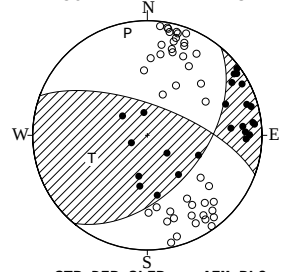
STR DIP SLIP AZM PLG
NP1 197° 24' 88° P 169° 21°
NP2 29° 66° 91° T 292° 69°
N:142 SCORE 100% N 199° 1°

19 DEC. 2017 19:12:54.5
OGA PENINSULA REGION
40°00.7'N 139°31.4'E
H: 11KM M:4.1



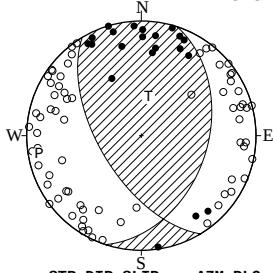
STR DIP SLIP AZM PLG
NP1 361° 39' -16° P 277° 42°
NP2 43° 80° -128° T 162° 25°
N:76 SCORE 99% N 51° 38°

20 DEC. 2017 23:12:47.3
NORTHERN IWATE PREF
39°42.1'N 141°47.7'E
H: 56KM M:3.2



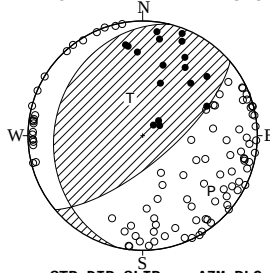
STR DIP SLIP AZM PLG
NP1 40° 50' 29° P 349° 11°
NP2 290° 68° 136° T 247° 46°
N:68 SCORE 100% N 89° 42°

22 DEC. 2017 21:44:42.7
AWAJISHIMA ISLAND REGION
34°21.6'N 134°53.5'E
H: 12KM M:3.3



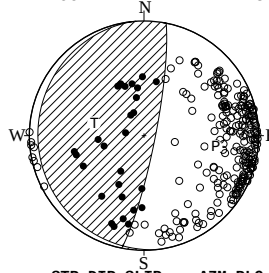
STR DIP SLIP AZM PLG
NP1 18° 42' 131° P 260° 10°
NP2 149° 60° 60° T 10° 62°
N:92 SCORE 97% N 165° 26°

23 DEC. 2017 21:54:05.2
NORTHERN IBARAKI PREF
36°24.9'N 140°41.2'E
H: 51KM M:3.8



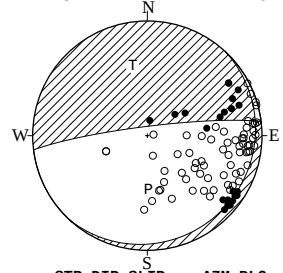
STR DIP SLIP AZM PLG
NP1 193° 24' 56° P 129° 24°
NP2 50° 70° 104° T 341° 62°
N:115 SCORE 100% N 225° 13°

27 DEC. 2017 22:05:29.4
CENTRAL CHIBA PREF
35°33.9'N 140°05.0'E
H: 69KM M:4.5



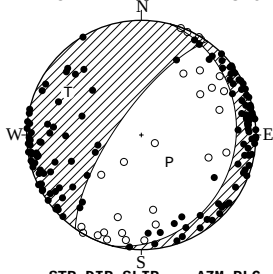
STR DIP SLIP AZM PLG
NP1 174° 8' 73° P 99° 37°
NP2 11° 82° 92° T 284° 53°
N:265 SCORE 100% N 191° 2°

30 DEC. 2017 23:34:40.9
NEMURO REGION
43°13.0'N 145°11.4'E
H: 87KM M:4.0



STR DIP SLIP AZM PLG
NP1 43° 9' -130° P 179° 51°
NP2 263° 83° -85° T 348° 38°
N:90 SCORE 94% N 82° 5°

31 DEC. 2017 07:11:40.3
BUNGO CHANNEL
33°19.8'N 132°11.8'E
H: 52KM M:3.9



STR DIP SLIP AZM PLG
NP1 14° 19' -110° P 135° 62°
NP2 215° 72° -83° T 300° 27°
N:175 SCORE 95% N 33° 6°