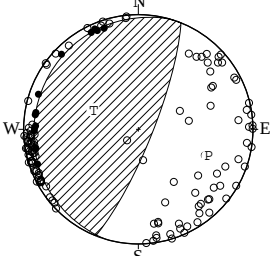


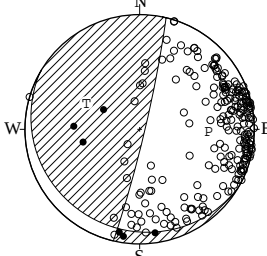
NODAL PLANE SOLUTIONS FOR EARTHQUAKES IN JANUARY, 2019

01 JAN. 2019 06:53:35.6
NEAR CHOSHI CITY
35°41.1'N 140°45.5'E
H: 47KM M:3.5



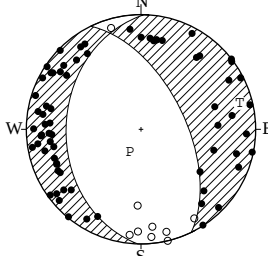
STR DIP SLIP AZM PLG
NP1 196° 10' 85° P 111° 35'
NP2 22° 80' 91° T 293° 55'
N:139 SCORE 96% N 202° 1'

02 JAN. 2019 07:05:38.0
NORTHERN CHIBA PREF
35°43.9'N 140°12.0'E
H: 66KM M:3.6



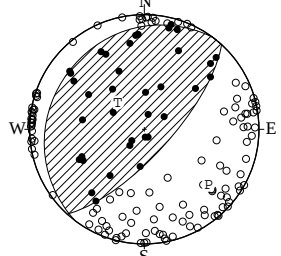
STR DIP SLIP AZM PLG
NP1 119° 13' 16° P 92° 40'
NP2 13° 86' 102° T 296° 47'
N:228 SCORE 96% N 193° 12'

02 JAN. 2019 17:47:13.8
E OFF IBARAKI PREF
36°42.5'N 140°57.1'E
H: 32KM M:3.8



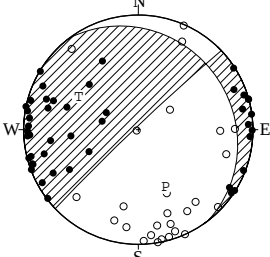
STR DIP SLIP AZM PLG
NP1 182° 35' 67° P 207° 72'
NP2 334° 58' 105° T 75° 12'
N:81 SCORE 100% N 342° 13'

02 JAN. 2019 18:44:26.0
SW IBARAKI PREF
36°10.4'N 140°06.7'E
H: 51KM M:3.9



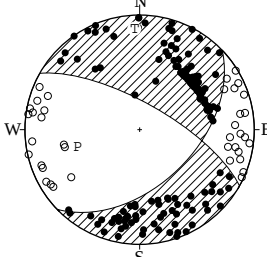
STR DIP SLIP AZM PLG
NP1 217° 18' 85° P 131° 27'
NP2 42° 72' 92° T 315° 63'
N:158 SCORE 99% N 222° 2'

03 JAN. 2019 17:24:48.6
IYONADA SETONAikai
33°28.0'N 132°17.8'E
H: 47KM M:3.2



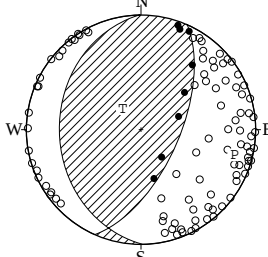
STR DIP SLIP AZM PLG
NP1 323° 19' 174° P 155° 44'
NP2 226° 88' 71° T 299° 40'
N:71 SCORE 99% N 46° 19'

03 JAN. 2019 18:10:27.6
NORTHERN ARIAKEKAI REG
33°01.6'N 130°33.2'E
H: 10KM M:5.1



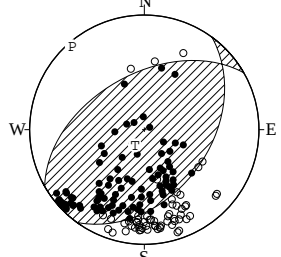
STR DIP SLIP AZM PLG
NP1 46° 50' 155° P 255° 43'
NP2 299° 71' 43° T 357° 13'
N:199 SCORE 99% N 100° 44'

04 JAN. 2019 22:38:18.7
E OFF IWATE PREF
39°20.4'N 142°03.8'E
H: 48KM M:3.7



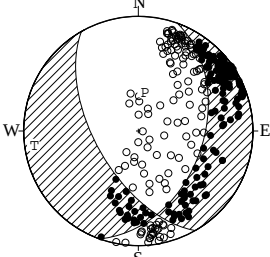
STR DIP SLIP AZM PLG
NP1 179° 30' 68° P 105° 17'
NP2 24° 63' 102° T 319° 70'
N:101 SCORE 100% N 198° 11'

05 JAN. 2019 15:32:18.5
SATSUMA PENINSULA REGION
31°13.9'N 130°41.2'E
H:109KM M:4.0



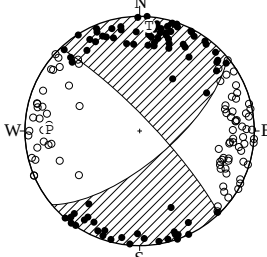
STR DIP SLIP AZM PLG
NP1 36° 42' 72° P 319° 4'
NP2 240° 50' 106° T 211° 77'
N:155 SCORE 97% N 50° 12'

06 JAN. 2019 17:34:10.7
NORTHERN MIYAGI PREF
38°41.7'N 141°28.4'E
H:102KM M:4.5



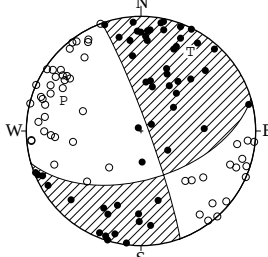
STR DIP SLIP AZM PLG
NP1 20° 43' 49° P 9° 62'
NP2 150° 59' 121° T 262° 9'
N:304 SCORE 100% N 168° 26'

06 JAN. 2019 19:32:08.8
SOUTHERN NAGANO PREF
35°24.8'N 137°42.4'E
H: 16KM M:3.2



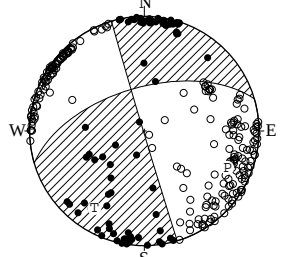
STR DIP SLIP AZM PLG
NP1 50° 68' 170° P 271° 22'
NP2 316° 81' 22° T 5° 9'
N:173 SCORE 98% N 116° 66'

07 JAN. 2019 11:51:56.6
KANAGAWA PREF
35°22.3'N 139°07.1'E
H: 22KM M:2.9



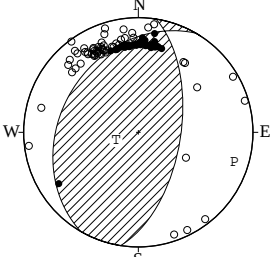
STR DIP SLIP AZM PLG
NP1 74° 55' 174° P 291° 28'
NP2 340° 85' 35° T 32° 20'
N:106 SCORE 98% N 153° 55'

08 JAN. 2019 01:35:25.8
SOUTHERN BOSU PENINSULA
35°00.9'N 139°54.9'E
H: 52KM M:4.1



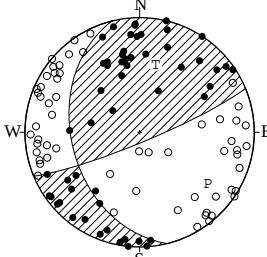
STR DIP SLIP AZM PLG
NP1 254° 59' 179° P 114° 22'
NP2 163° 89' 31° T 213° 21'
N:285 SCORE 100% N 342° 59'

08 JAN. 2019 21:39:30.0
NEAR TANEGASHIMA ISLAND
30°34.3'N 131°09.8'E
H: 30KM M:6.0



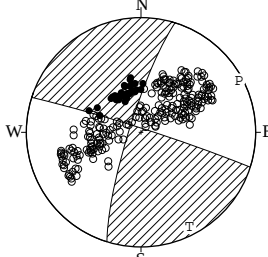
STR DIP SLIP AZM PLG
NP1 210° 32' 108° P 107° 14'
NP2 9° 60' 79° T 251° 73'
N:95 SCORE 100% N 15° 10'

08 JAN. 2019 23:08:49.0
EASTERN YAMANASHI PREF
35°28.1'N 138°57.9'E
H: 22KM M:3.0



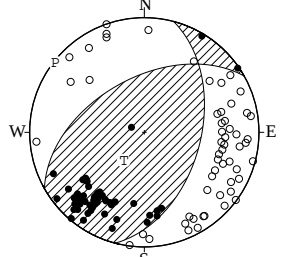
STR DIP SLIP AZM PLG
NP1 166° 40' 11° P 127° 27'
NP2 67° 83' 130° T 13° 39'
N:112 SCORE 98% N 242° 39'

09 JAN. 2019 15:49:41.6
NW OFF KINKI DISTRICT
35°49.9'N 135°18.7'E
H:360KM M:4.1



STR DIP SLIP AZM PLG
NP1 197° 81' 177° P 62° 4'
NP2 288° 87° 9° T 153° 8'
N:257 SCORE 100% N 306° 81'

10 JAN. 2019 20:15:25.7
MID NIIGATA PREF
37°18.7'N 138°51.9'E
H: 11KM M:3.2



STR DIP SLIP AZM PLG
NP1 15° 49' 56° P 308° 1'
NP2 241° 51' 123° T 216° 65'
N:107 SCORE 100% N 38° 25'

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.

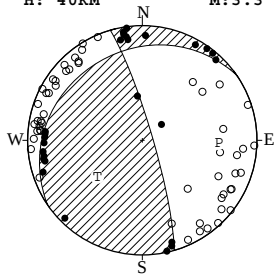
DIP:DIP OF NODAL PLANE , MEASURED DOWN FROM THE HORIZONTAL PLANE.

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

N:DATA NUMBER.

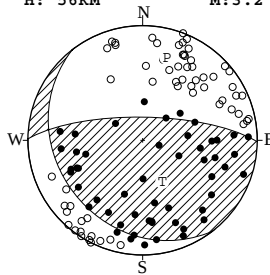
SCORE:RATIO OF THE CONSISTENT DATA NUMBER TO THE TOTAL DATA NUMBER.

10 JAN. 2019 20:39:12.4
NEAR CHOSHI CITY
35°53.5'N 140°49.6'E
H: 40KM M:3.3



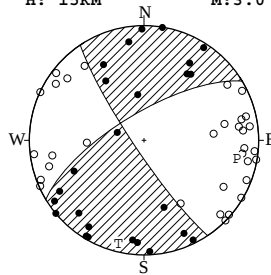
STR DIP SLIP AZM PLG
NP1 236° 23' 160° P 92° 34'
NP2 344° 83' 68° T 231° 48'
N:80 SCORE 99% N 347° 21'

11 JAN. 2019 03:31:26.0
EASTERN SAITAMA PREF
36°01.4'N 139°32.8'E
H: 56KM M:3.2



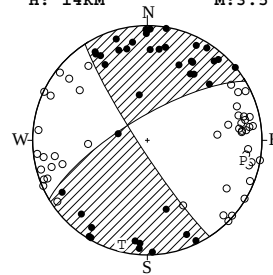
STR DIP SLIP AZM PLG
NP1 142° 25' 139° P 15° 26'
NP2 271° 74° 70° T 155° 57'
N:113 SCORE 96% N 276° 19'

11 JAN. 2019 10:15:23.8
SW SHIZUOKA PREF
34°52.3'N 137°53.4'E
H: 15KM M:3.0



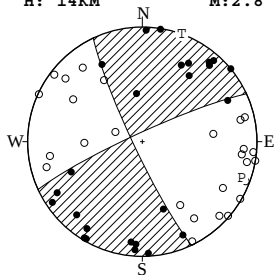
STR DIP SLIP AZM PLG
NP1 239° 71° 172° P 101° 19'
NP2 146° 82° 19° T 194° 8'
N:57 SCORE 100% N 306° 69'

11 JAN. 2019 11:06:02.4
SW SHIZUOKA PREF
34°52.2'N 137°53.2'E
H: 14KM M:3.5



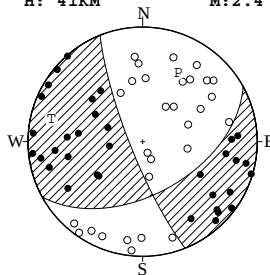
STR DIP SLIP AZM PLG
NP1 239° 74° 173° P 102° 16'
NP2 147° 84° 16° T 194° 7'
N:87 SCORE 99% N 307° 72'

11 JAN. 2019 16:41:03.7
SW SHIZUOKA PREF
34°52.5'N 137°53.5'E
H: 14KM M:2.8



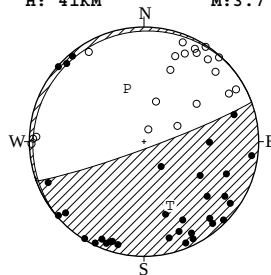
STR DIP SLIP AZM PLG
NP1 155° 84° 16° P 110° 9'
NP2 245° 84° 174° T 20° 0'
N:51 SCORE 98% N 290° 81'

12 JAN. 2019 04:07:09.2
CENTRAL SHIZUOKA PREF
35°09.2'N 137°57.5'E
H: 41KM M:2.4



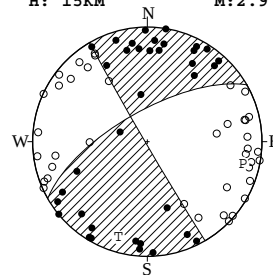
STR DIP SLIP AZM PLG
NP1 61° 52° 11° P 27° 33'
NP2 158° 81° 141° T 284° 19'
N:63 SCORE 100% N 169° 51'

13 JAN. 2019 09:18:08.2
NORTHERN IWATE PREF
39°38.5'N 141°59.9'E
H: 41KM M:3.7



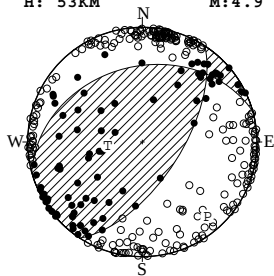
STR DIP SLIP AZM PLG
NP1 228° 5° 111° P 342° 50'
NP2 70° 85° 88° T 158° 40'
N:53 SCORE 98% N 250° 2'

13 JAN. 2019 10:41:34.4
SW SHIZUOKA PREF
34°52.5'N 137°53.3'E
H: 15KM M:2.9



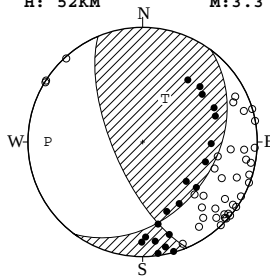
STR DIP SLIP AZM PLG
NP1 240° 69° 179° P 103° 16'
NP2 150° 89° 21° T 197° 14'
N:75 SCORE 100% N 326° 69'

14 JAN. 2019 13:23:42.3
SW IBARAKI PREF
36°09.7'N 139°48.6'E
H: 53KM M:4.9



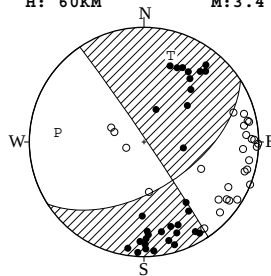
STR DIP SLIP AZM PLG
NP1 255° 35° 126° P 139° 15'
NP2 33° 63° 68° T 264° 65'
N:326 SCORE 96% N 44° 20'

15 JAN. 2019 02:08:28.3
KINKAZAN REGION
38°41.4'N 141°57.9'E
H: 52KM M:3.3



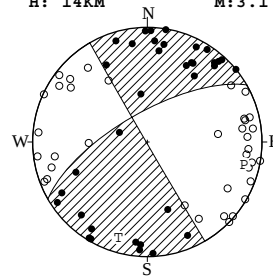
STR DIP SLIP AZM PLG
NP1 37° 37° 143° P 270° 18'
NP2 157° 69° 59° T 27° 55'
N:56 SCORE 100% N 170° 29'

15 JAN. 2019 21:14:17.5
NORTHERN CHIBA PREF
35°47.6'N 140°36.1'E
H: 60KM M:3.4



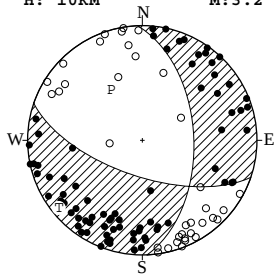
STR DIP SLIP AZM PLG
NP1 57° 56° 178° P 276° 25'
NP2 326° 88° 34° T 17° 22'
N:59 SCORE 100% N 143° 56'

17 JAN. 2019 23:10:46.1
SW SHIZUOKA PREF
34°52.5'N 137°53.4'E
H: 14KM M:3.1



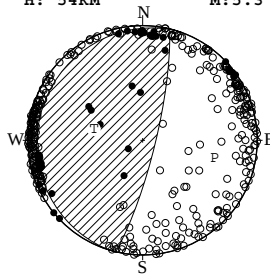
STR DIP SLIP AZM PLG
NP1 240° 69° 179° P 103° 15'
NP2 150° 89° 21° T 197° 14'
N:71 SCORE 100% N 328° 69'

18 JAN. 2019 06:19:26.0
CENTRAL NAGANO PREF
36°23.9'N 137°58.5'E
H: 10KM M:3.2



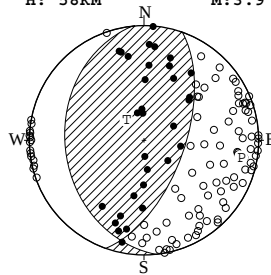
STR DIP SLIP AZM PLG
NP1 358° 53° 33° P 328° 47'
NP2 109° 64° 138° T 231° 7'
N:114 SCORE 100% N 135° 42'

18 JAN. 2019 21:46:25.1
SOUTHERN IBARAKI PREF
35°55.2'N 140°25.9'E
H: 54KM M:5.3



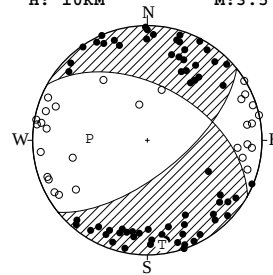
STR DIP SLIP AZM PLG
NP1 197° 9° 93° P 104° 36'
NP2 14° 81° 90° T 283° 54'
N:383 SCORE 94% N 14° 0'

19 JAN. 2019 14:22:02.7
NORTHERN IBARAKI PREF
36°31.3'N 140°34.3'E
H: 58KM M:3.9



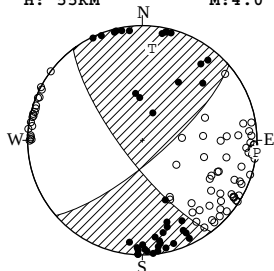
STR DIP SLIP AZM PLG
NP1 174° 32° 68° P 100° 15'
NP2 20° 61° 103° T 319° 71'
N:128 SCORE 100% N 193° 11'

21 JAN. 2019 19:32:06.8
NORTHERN ARIAKEKAI REG
33°01.5'N 130°33.0'E
H: 10KM M:3.5



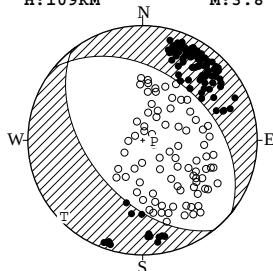
STR DIP SLIP AZM PLG
NP1 299° 51° 33° P 272° 48'
NP2 51° 65° 136° T 172° 9'
N:96 SCORE 99% N 74° 41'

22 JAN. 2019 07:04:08.5
E OFF IBARAKI PREF
35°58.8'N 140°48.2'E
H: 55KM M:4.0



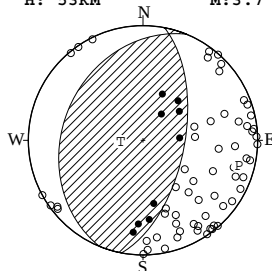
STR DIP SLIP AZM PLG
NP1 143° 75° 15° P 96° 0°
NP2 49° 75° 165° T 6° 21°
N:114 SCORE 100% N 186° 69°

24 JAN. 2019 06:34:59.7
SOUTHERN IWATE PREF
39°08.0'N 141°33.3'E
H:109KM M:3.8



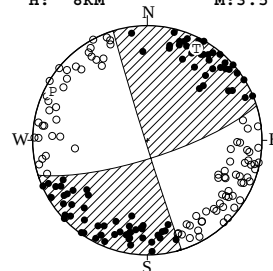
STR DIP SLIP AZM PLG
NP1 309° 40° -99° P 96° 82°
NP2 142° 50° -82° T 226° 5°
N:177 SCORE 100% N 317° 6°

24 JAN. 2019 13:48:01.4
KINKAZAN REGION
38°32.2'N 141°43.2'E
H: 53KM M:3.7



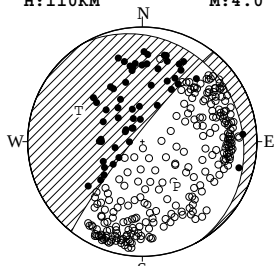
STR DIP SLIP AZM PLG
NP1 202° 30° 100° P 105° 15°
NP2 11° 60° 84° T 266° 74°
N:71 SCORE 100% N 14° 5°

25 JAN. 2019 21:10:19.6
WESTERN NAGANO PREF
36°03.3'N 137°35.2'E
H: 8KM M:3.5



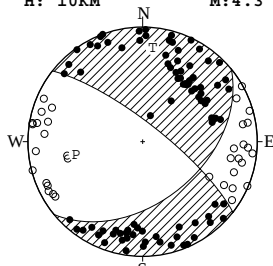
STR DIP SLIP AZM PLG
NP1 72° 77° 179° P 237° 8°
NP2 163° 89° 13° T 28° 10°
N:173 SCORE 100% N 169° 77°

26 JAN. 2019 09:31:30.9
SW IBARAKI PREF
36°22.1'N 139°57.5'E
H:110KM M:4.0



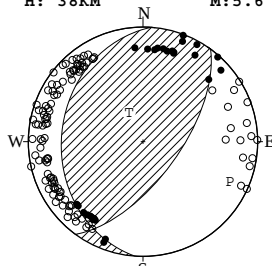
STR DIP SLIP AZM PLG
NP1 330° 15° -157° P 143° 49°
NP2 218° 84° -76° T 296° 38°
N:303 SCORE 99% N 37° 14°

26 JAN. 2019 14:16:33.2
NORTHERN ARIAKEKAI REG
33°00.9'N 130°34.2'E
H: 10KM M:4.3



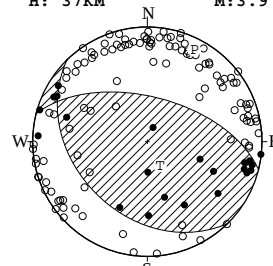
STR DIP SLIP AZM PLG
NP1 51° 47° -162° P 259° 40°
NP2 308° 77° -45° T 6° 19°
N:124 SCORE 100% N 115° 44°

26 JAN. 2019 17:23:01.6
NE OFF IWATE PREF
40°16.8'N 142°19.6'E
H: 38KM M:5.6



STR DIP SLIP AZM PLG
NP1 184° 29° 62° P 115° 18°
NP2 36° 64° 105° T 334° 67°
N:141 SCORE 98% N 209° 14°

29 JAN. 2019 03:22:56.6
TOKUSHIMA PREF
33°55.7'N 134°09.2'E
H: 37KM M:3.9



STR DIP SLIP AZM PLG
NP1 136° 36° 116° P 27° 11°
NP2 284° 58° 72° T 152° 71°
N:137 SCORE 93% N 294° 15°