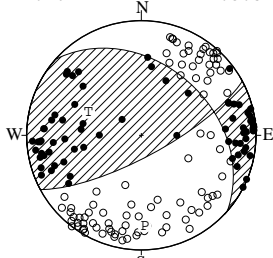


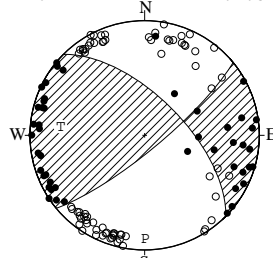
NODAL PLANE SOLUTIONS FOR EARTHQUAKES IN DECEMBER, 2019

01 DEC. 2019 07:35:07.8
IYONADA SETONAIKAI
33°28.4'N 131°58.0'E
H: 64KM M:3.5



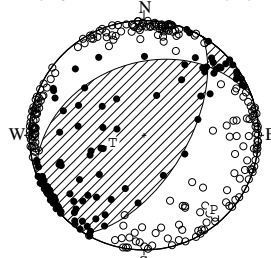
STR DIP SLIP AZM PLG
NP1 311° 38' 155° P 178° 22'
NP2 62° 75' 55° T 294° 48'
N:167 SCORE 99% N 72° 34'

03 DEC. 2019 08:25:17.4
NE OFF IWATE PREF
40°11.9'N 142°01.8'E
H: 42KM M:4.5



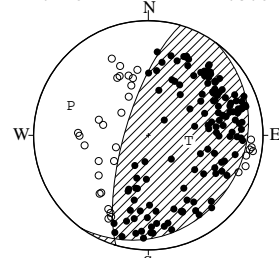
STR DIP SLIP AZM PLG
NP1 315° 63' 168° P 180° 11'
NP2 50° 73' 28° T 276° 27'
N:121 SCORE 96% N 70° 60'

03 DEC. 2019 10:18:04.6
SW IBARAKI PREF
36°08.5'N 139°49.0'E
H: 52KM M:4.7



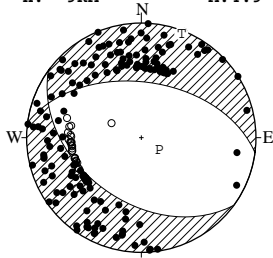
STR DIP SLIP AZM PLG
NP1 250° 37' 123° P 137° 12'
NP2 31° 60' 67° T 257° 67'
N:332 SCORE 95% N 43° 19'

03 DEC. 2019 20:02:03.7
CENTRAL CHIBA PREF
35°44.0'N 139°58.0'E
H: 78KM M:3.8



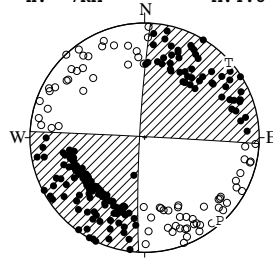
STR DIP SLIP AZM PLG
NP1 36° 18' 109° P 231° 28'
NP2 196° 73' 84° T 38° 61'
N:176 SCORE 99% N 198° 6'

04 DEC. 2019 10:38:53.1
NORTHERN IBARAKI PREF
36°48.5'N 140°32.3'E
H: 9KM M:4.9



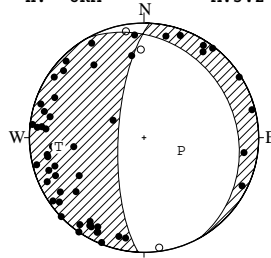
STR DIP SLIP AZM PLG
NP1 126° 44' -69° P 124° 75'
NP2 278° 50' -109° T 21° 3'
N:192 SCORE 93% N 290° 15'

04 DEC. 2019 19:35:05.2
NORTHERN TOCHIGI PREF
36°57.2'N 139°40.8'E
H: 7KM M:4.8



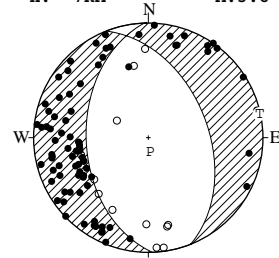
STR DIP SLIP AZM PLG
NP1 183° 86' -1° P 138° 3'
NP2 273° 89' -176° T 48° 2'
N:234 SCORE 100% N 284° 86'

05 DEC. 2019 08:36:29.1
NORTHERN IBARAKI PREF
36°48.6'N 140°32.5'E
H: 8KM M:3.2



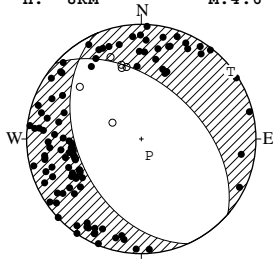
STR DIP SLIP AZM PLG
NP1 331° 21' -120° P 110° 62'
NP2 183° 72' -79° T 264° 26'
N:54 SCORE 100% N 359° 11'

05 DEC. 2019 08:38:26.7
NORTHERN IBARAKI PREF
36°48.5'N 140°32.5'E
H: 7KM M:3.8



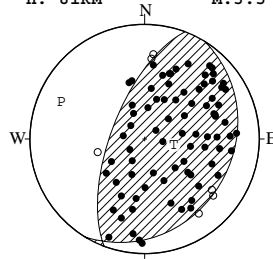
STR DIP SLIP AZM PLG
NP1 178° 45' -76° P 174° 80'
NP2 338° 47' -104° T 78° 1'
N:96 SCORE 98% N 348° 10'

05 DEC. 2019 22:35:16.2
MID FUKUSHIMA PREF
36°48.5'N 140°32.7'E
H: 8KM M:4.6



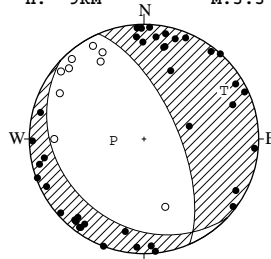
STR DIP SLIP AZM PLG
NP1 156° 43' -71° P 156° 77'
NP2 311° 49' -107° T 53° 3'
N:114 SCORE 98% N 322° 13'

06 DEC. 2019 14:39:33.7
MID FUKUSHIMA PREF
36°54.4'N 140°25.9'E
H: 81KM M:3.5



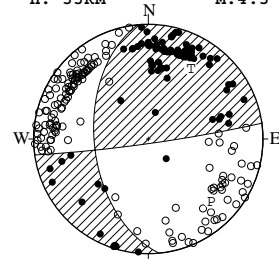
STR DIP SLIP AZM PLG
NP1 31° 24' 100° P 294° 21'
NP2 201° 66' 86° T 102° 69'
N:86 SCORE 95% N 202° 4'

11 DEC. 2019 11:58:08.3
NORTHERN IBARAKI PREF
36°42.3'N 140°36.6'E
H: 9KM M:3.3



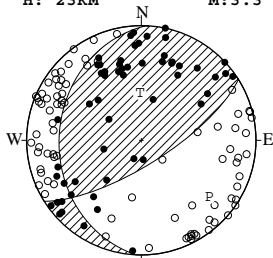
STR DIP SLIP AZM PLG
NP1 133° 26' -111° P 266° 68'
NP2 337° 66' -80° T 59° 20'
N:48 SCORE 100% N 152° 9'

14 DEC. 2019 03:24:03.7
SAGAMINADA
35°01.8'N 139°27.0'E
H: 33KM M:4.3



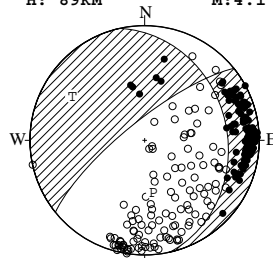
STR DIP SLIP AZM PLG
NP1 175° 51' 4° P 135° 24'
NP2 82° 87' 141° T 31° 29'
N:248 SCORE 99% N 258° 51'

16 DEC. 2019 17:04:27.1
EASTERN YAMANASHI PREF
35°28.1'N 138°56.7'E
H: 23KM M:3.3



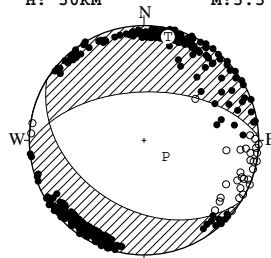
STR DIP SLIP AZM PLG
NP1 182° 29' 38° P 130° 24'
NP2 58° 73' 113° T 358° 56'
N:137 SCORE 93% N 231° 22'

19 DEC. 2019 09:23:42.0
E OFF IBARAKI PREF
36°17.2'N 140°40.1'E
H: 89KM M:4.1



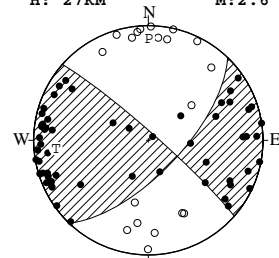
STR DIP SLIP AZM PLG
NP1 347° 29' -151° P 171° 52'
NP2 231° 76' -64° T 301° 27'
N:220 SCORE 98% N 45° 25'

19 DEC. 2019 15:21:33.4
E OFF AOMORI PREF
40°30.7'N 142°10.7'E
H: 50KM M:5.5



STR DIP SLIP AZM PLG
NP1 122° 40' -63° P 127° 71'
NP2 268° 55' -111° T 13° 8'
N:354 SCORE 99% N 281° 17'

20 DEC. 2019 14:09:33.0
CENTRAL SHIZUOKA PREF
35°01.4'N 138°22.0'E
H: 27KM M:2.6



STR DIP SLIP AZM PLG
NP1 44° 67' 6° P 0° 12'
NP2 311° 85' 157° T 265° 20'
N:79 SCORE 99% N 119° 66'

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.

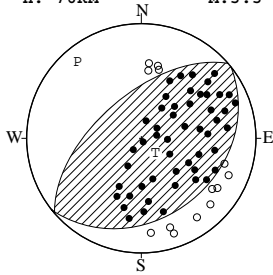
DIP:DIP OF NODAL PLANE , MEASURED DOWN FROM THE HORIZONTAL PLANE.

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

N:DATA NUMBER.

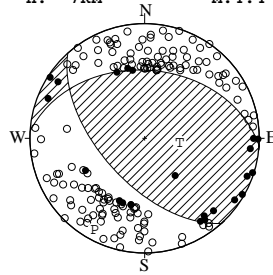
SCORE:RATIO OF THE CONSISTENT DATA NUMBER TO THE TOTAL DATA NUMBER.

22 DEC. 2019 13:40:53.7
 SOUTHERN IWATE PREF
 39°03.2'N 141°41.0'E
 H: 76KM M:3.3



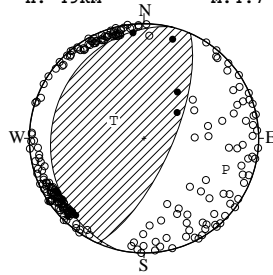
STR DIP SLIP AZM PLG
 NP1 51° 31' 92° P 320° 14°
 NP2 225° 59' 89° T 136° 76°
 N:63 SCORE 100% N 230° 1°

22 DEC. 2019 21:33:43.9
 SOUTHERN IWATE PREF
 38°58.7'N 140°53.7'E
 H: 7KM M:4.4



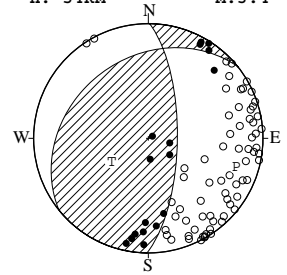
STR DIP SLIP AZM PLG
 NP1 274° 40' 53° P 209° 10°
 NP2 138° 59' 117° T 97° 65°
 N:173 SCORE 96% N 303° 23°

26 DEC. 2019 18:26:38.5
 KINKAZAN REGION
 38°31.7'N 141°48.9'E
 H: 49KM M:4.7



STR DIP SLIP AZM PLG
 NP1 193° 20' 80° P 111° 25°
 NP2 24° 70' 94° T 300° 65°
 N:233 SCORE 98% N 203° 3°

30 DEC. 2019 02:41:30.4
 KINKAZAN REGION
 38°17.2'N 141°36.6'E
 H: 54KM M:3.4



STR DIP SLIP AZM PLG
 NP1 231° 31' 136° P 108° 21°
 NP2 1° 69' 67° T 238° 59°
 N:85 SCORE 99% N 9° 22°