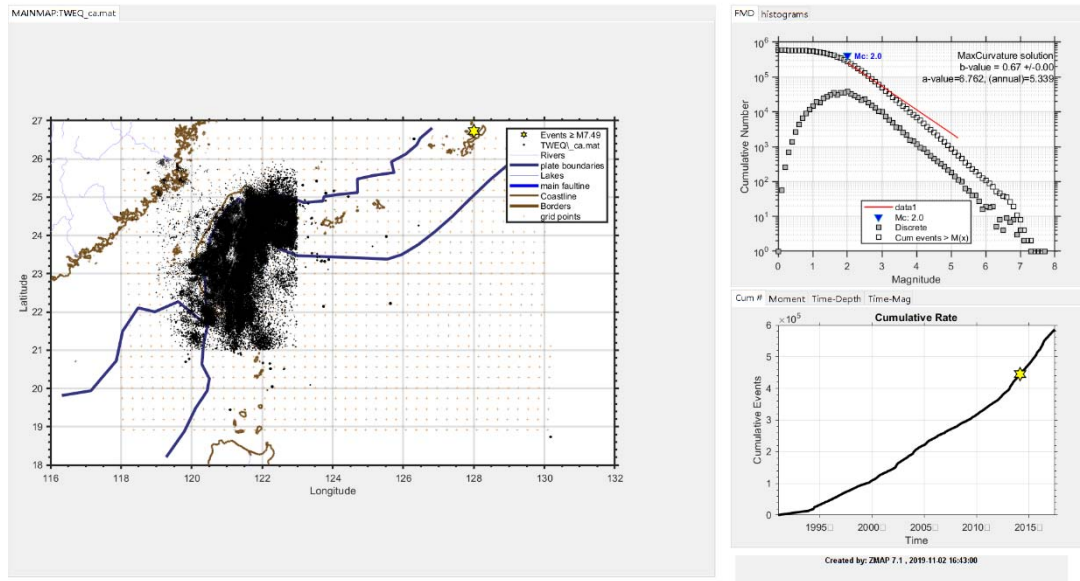


1 Supplementary Figure Caption



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3 Fig. S1. The location of earthquakes and the cumulative earthquake events as a
4 function of magnitude and time using the earthquake catalog in Taiwan during 1991–
5 2017.5. The figure is reported by using the software of ZMAP 7.1. The location of
6 earthquake is shown in the left panel. The cumulative earthquake number as a
7 function of magnitude are shown in the top-right panel. The minimum magnitude of
8 completeness M_c is 2.0. The cumulative earthquake events as a function of time are
9 shown in the bottom-right panel.

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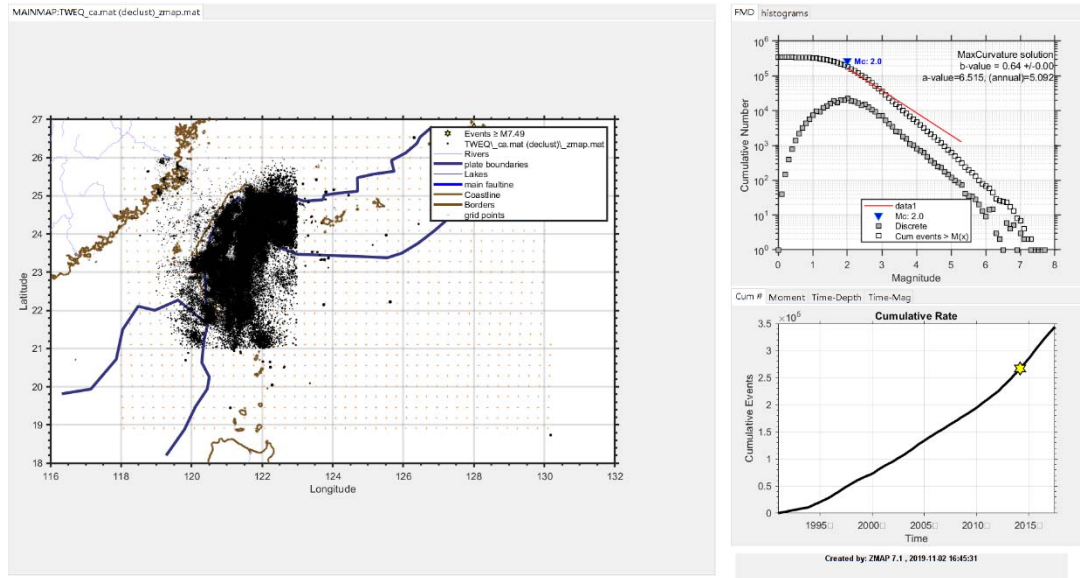
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23 Fig. S2. The location of earthquakes and the cumulative earthquake events as a
 24 function of magnitude and time using the declustered earthquake catalog in Taiwan
 25 during 1991–2017.5. The figure is reported by using the software of ZMAP 7.1. The
 26 location of earthquake is shown in the left panel. The cumulative earthquake number
 27 as a function of magnitude are shown in the top-right panel. The minimum magnitude
 28 of completeness M_c is 2.0. The cumulative earthquake events as a function of time
 29 are shown in the bottom-right panel.

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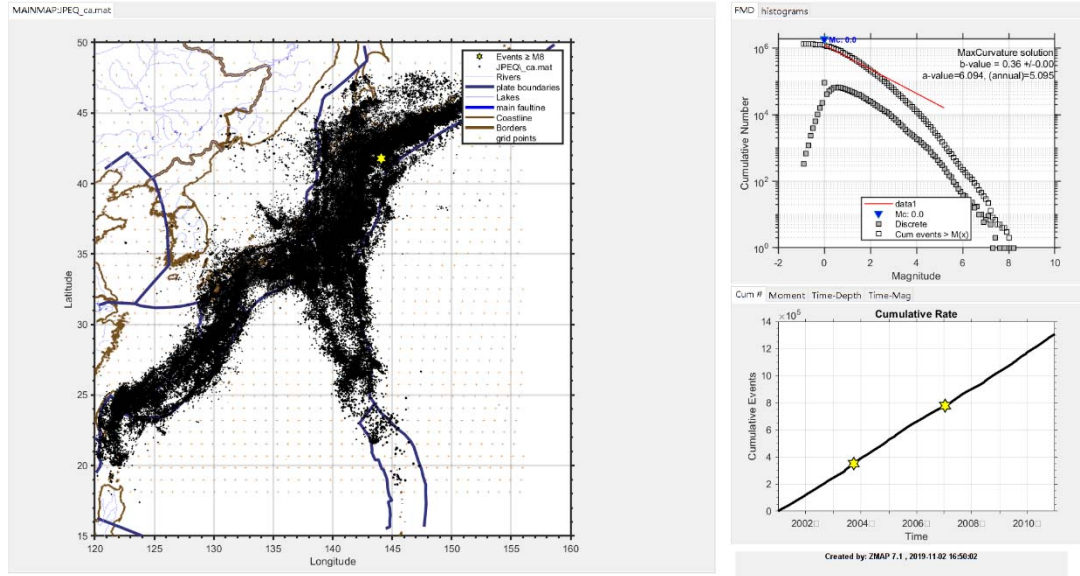
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43 Fig. S3. The location of earthquakes and the cumulative earthquake events as a
 44 function of magnitude and time using the earthquake catalog in Japan during 2001–
 45 2010. The figure is reported by using the software of ZMAP 7.1. The location of
 46 earthquake is shown in the left panel. The cumulative earthquake number as a
 47 function of magnitude are shown in the top-right panel. The minimum magnitude of
 48 completeness M_c is 0.0. The cumulative earthquake events as a function of time are
 49 shown in the bottom-right panel.

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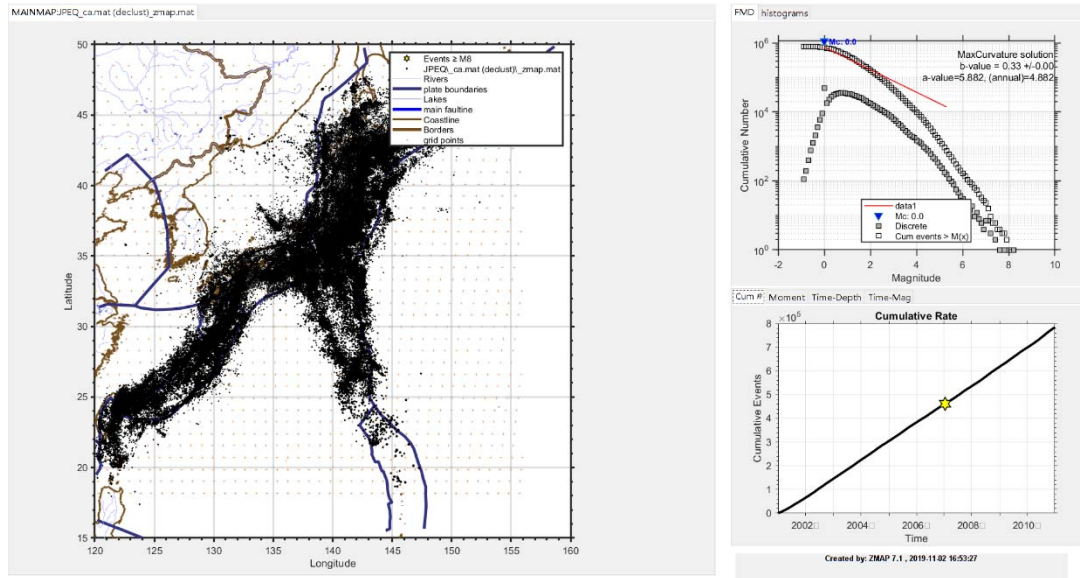
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63 Fig. S4. The location of earthquakes and the cumulative earthquake events as a
 64 function of magnitude and time using the declustered earthquake catalog in Japan
 65 during 2001–2010. The figure is reported by using the software of ZMAP 7.1. The
 66 location of earthquake is shown in the left panel. The cumulative earthquake number
 67 as a function of magnitude are shown in the top-right panel. The minimum magnitude
 68 of completeness M_c is 0.0. The cumulative earthquake events as a function of time
 69 are shown in the bottom-right panel.

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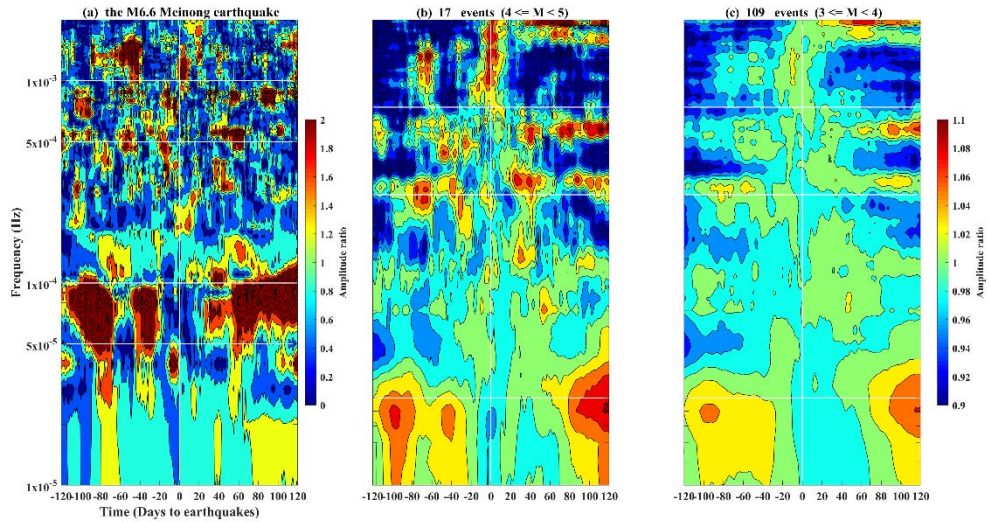
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82 Fig. S5. The amplitude ratio of the superimposed time-frequency-amplitude
 83 distribution associated with earthquakes with distinct magnitudes. The superimposed
 84 results related to quakes with the M6.6 Meinong earthquake , $4 \leq M < 5$ and $3 \leq M$
 85 < 4 are shown in (a), (b) and (c), respectively. The distribution is normalized for
 86 comparison by using the average amplitude in each particular frequency band of 30
 87 days before and after the quakes. A total number of the quakes in each magnitude
 88 group is shown in the title of each diagram.

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