



第2図 時空間ETASモデル(2)のパラメタ  $\mu$ ,  $K$ ,  $\alpha$ ,  $p$ ,  $q$  の地域性。  $\mu$  と  $K$  の単位は1平方度1日あたりの地震数。震央は1926年-2008年のM5以上の地震。

Fig. 2 Colors of epicenters indicate values of,  $K$ ,  $a$ ,  $p$  and  $q$  in the space-time ETAS model (2) estimated from the JMA data with the earthquakes of M5.0 or larger during the period 1926-2008; in addition, earthquakes of M6.0 or larger from the precursory period during 1885-1925 are used as the history of the ETAS model. The dimension of  $m$  and  $K$  is events per degree and day.