## Seismicity and tectonics in and around Taiwan

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Time-space 1900 1/1 0:0 -- 2010 12/31 23:59 : M u,0.0 <=> 8.9 : Dep 0.0 - 350.0km : NN= 474377 /N= 474474

















## Cross section of Taxes



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// SEIS-PC //





## Shallow seismicity and active faults



**CWB** 

JMA



1925-1972

1925-1944



## Conclusion

Most of the plate boundaries in Taiwan is collision. PHS subducted off northeast Taiwan at 300km depth and stress of focal mechanism shows down-dip extension. At middle Taiwan,

- a part of PHS subducted and reached at 80km depth.
- At south Taiwan,
- EUR subducted under PHS at 200km depth.
- In the CWB catalog,
- hypocenters must be re-determined before 1973.

