

CASMI

Version 2.0

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CASMI is a software tool for generating publication quality stress maps. It has a graphical user interface and is the interactive, stand-alone cousin of CASMO with a wider range of functionality. CASMI version 2.0 includes the World Stress Map database release 2008. The CASMI software can freely be distributed under the terms of a 2-clause BSD licence, see below.

CASMI version 2.0 comes with ABSOLUTELY NO WARRANTY.

Reference for CASMI 2.0

If you use the stress maps in publications, please quote the World Stress Map (WSM) database:

Reinecker, J.; O. Heidbach, M. Tingay, B. Sperner, and B. Müller (2005): The 2005 release of the World Stress Map (available online at www.world-stress-map.org).

In addition, please reference the usage of CASMI:

Heidbach, O., Kurfeß, D., Höhne, J. (2008). CASMI – An interactive software tool for stress map plotting using the 2008 release of the World Stress Map data base (available online at www.world-stress-map.org).

The stress maps were created using the Generic Mapping Tools ([GMT](http://gmt.soest.hawaii.edu/)) by P. Wessel and W.H.F. Smith [[WS91](#)]. The used plate boundaries are courtesy of Peter Bird's digital model for plate boundaries PB2002 [[Bir03](#)]. CASMI's basic scripts were written by Veronika Wehrle and Stefan Hettel.

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References

- [Bir03] P. Bird. An updated digital model for plate boundaries. *Geochem. Geophys. Geosyst.*, 4(3):1027, doi:10.1029/2001GC000252, 2003.
- [WS91] P. Wessel and W. H. F. Smith. Free software helps map and display data. *EOS Trans. Amer. Geophys. U.*, 72 (41):441, 445–446, 1991.