

The OpenTOAST initiative

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What is it?

www.OpenTOAST.de is a community platform for seismic full-waveform inversion.

What can it do for me?

www.OpenTOAST.de provides software, knowledge, contacts, data, and more.

What is in it?

Ingredients: Software library, Mailing list with archive, Benchmark library, Data library, Technical specifications (planned), Publications (planned)

Nutrition Facts

Software	
Forward modelling code	5 programs [†]
Waveform inversion code	3 programs [†]
Data analysis and waveform filters	4 packages [†]
Data and model visualization	3 packages [†]
Data	
Shallow Seismics	8 sites [†]
Reservoir Scale Seismics	2 sites [†]
Benchmarks	
Shallow scale	3 cases [†]
Ultrasonic scale	3 cases [†]
License	
All software is open source and free of charge GNU General Public License applies in most cases	

[†]February 2014

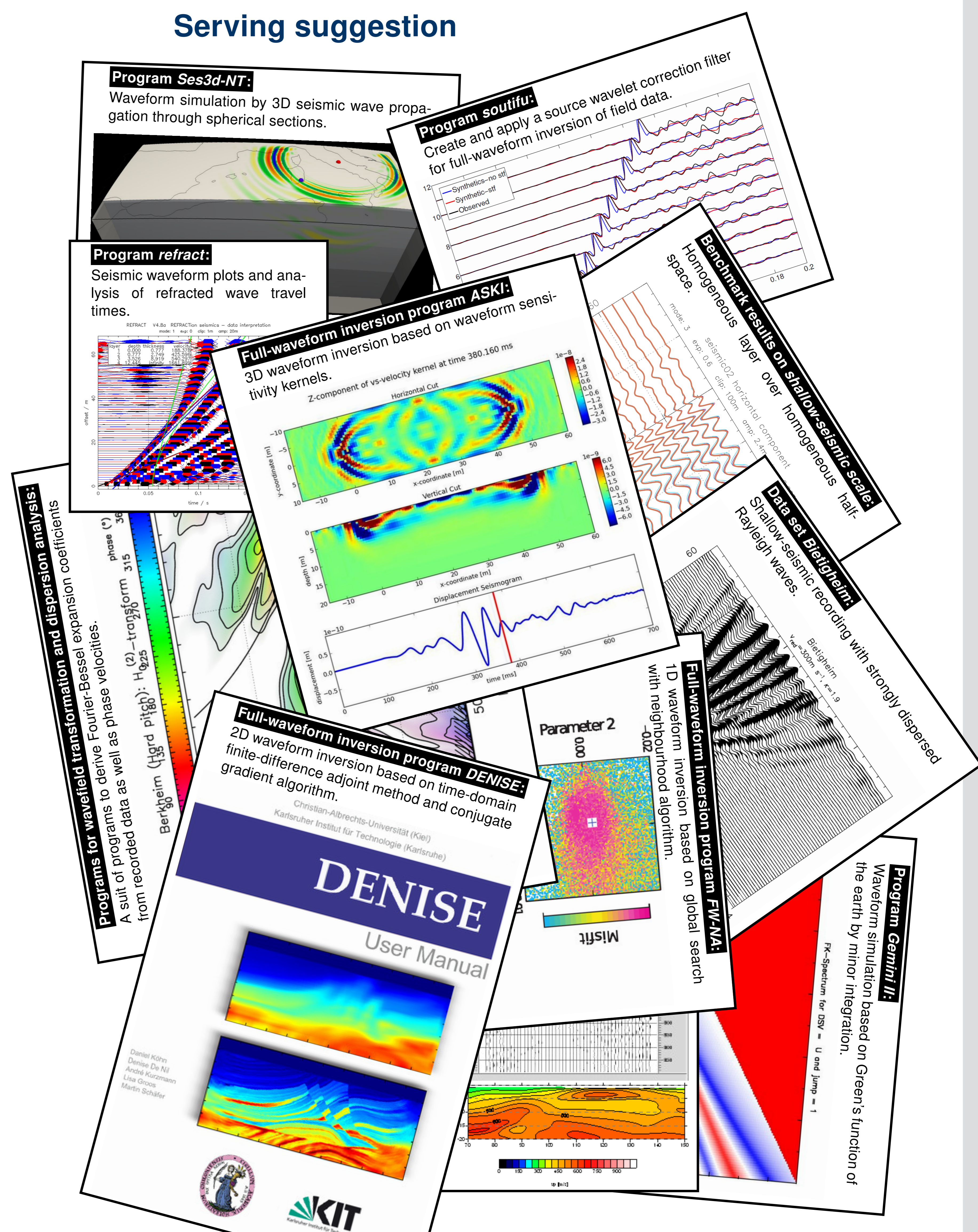
Best before buying an expensive solution.

Produced in the hope that it will be useful.

Preparation:

(1) browse www.opentoast.de (2) read the descriptions (3) select a package (4) follow the links (5) download the package (6) unpack and compile (7) test and enjoy

Serving suggestion



How can I contribute?

The OpenTOAST initiative is beneficial on a give-and-take basis. Please join us. We would appreciate you becoming an OpenTOAST-fellow by referring to your software, results, and data, too.

Where does it come from?

The OpenTOAST initiative was stimulated by the TOAST project which was funded by the German Federal Ministry of Education and Research grant 03G0752A within the GEOTECHNOLOGIEN programme.