



AGI EarthImager 1D is a Windows 32-bit platform based computer program that interprets one-dimensional (1D) electrical resistivity sounding data and produces a layered resistivity model that reveals subsurface geology. EarthImager 1D processes vertical electrical sounding (VES) data collected with Schlumberger, Wenner, dipole-dipole, pole-pole and other arrays. The forward modeling calculation is based on a 2D finite element method. Both smooth model inversion and damped least squares inversion methods were implemented in EarthImager 1D.

Features:

- Inversion of 1D sounding data.
- Support of Schlumberger array, Wenner array, dipole - dipole array and other sounding arrays.
- Automatic iterative processing.
- Forward modeling.
- Terrain correction.
- Multilingual support.