

Fig. 11 : WET Tomo|Interactive WET main dialog (left). Edit velocity smoothing (right).

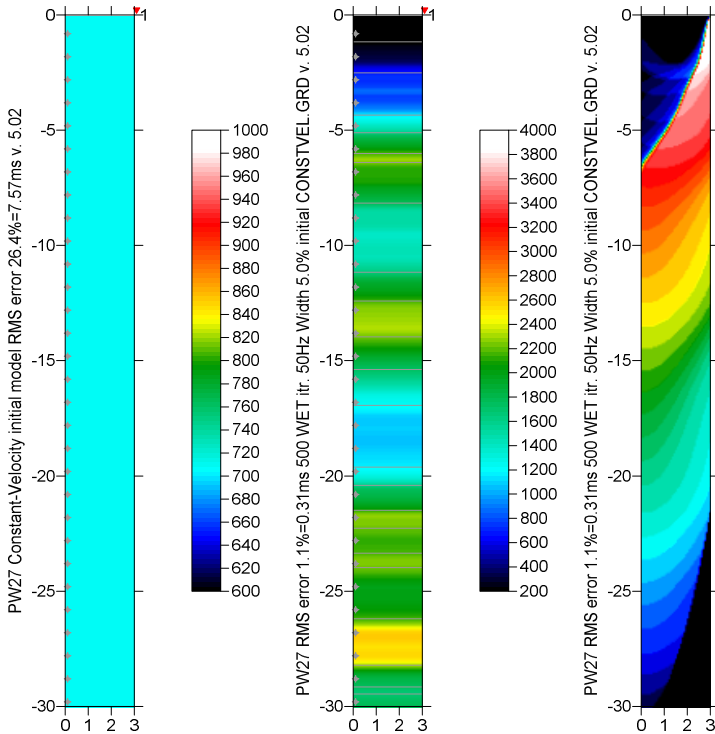


Fig. 12 : constant-velocity initial model (left). Steepest-Descent WET inversion after 500 iterations (center) with **discard WET smoothing** checked in *Model|WDVS Smoothing* (Fig. 10).

We left WET **wavepath frequency** at 50Hz and left WET **wavepath width** at 5 percent (Fig. 11 left). We increased **Number of WET iterations** to 500 from default 20 iterations. We limited the **Max. WET velocity** to 3,000 m/s.

We use a **Gaussian wavelet** for WET update weighting across the wavepath (**Ricker differentiation -1** in Fig. 11 left) and **manual WET smoothing** (Fig. 11 right) with smoothing filter **half-width** 50 grid columns and **half-height** 1 grid row. We uncheck option **Adapt shape of filter**. This manual WET filter results in horizontal layering in WET tomogram (center). Surfer plot limits as in Fig. 9.

WET wavepath coverage plot is shown at right. Unit is wavepaths per grid cell.

In menu *WET Tomo|WET tomography Settings* we checked the two options

- **Scale wavepath width**
- **Scale WET filter height**