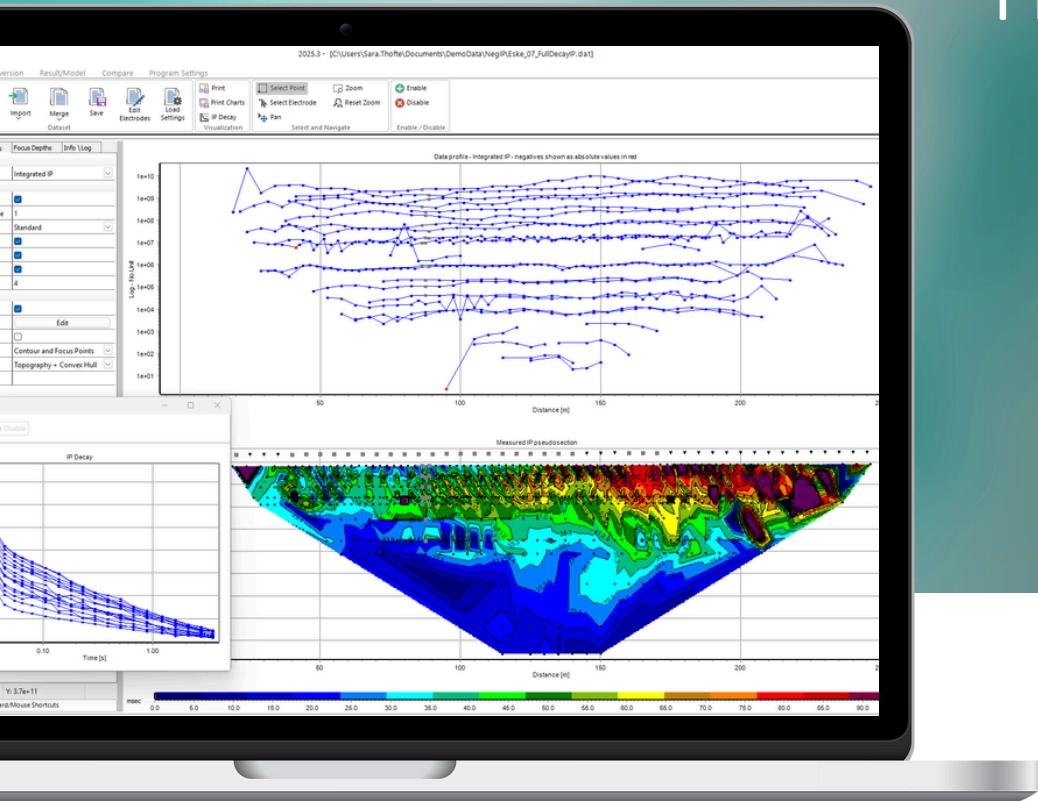




# new release



## Res2DInv 2026.1 release notes

### Build more accurate Earth models with support for full IP decay

The latest Res2DInv release introduces new tools for reviewing, cleaning, and interpreting IP datasets - helping you separate earth signal from noise to build more accurate Earth models. These enhancements support robust quality control and make it easier to spot issues in your data.

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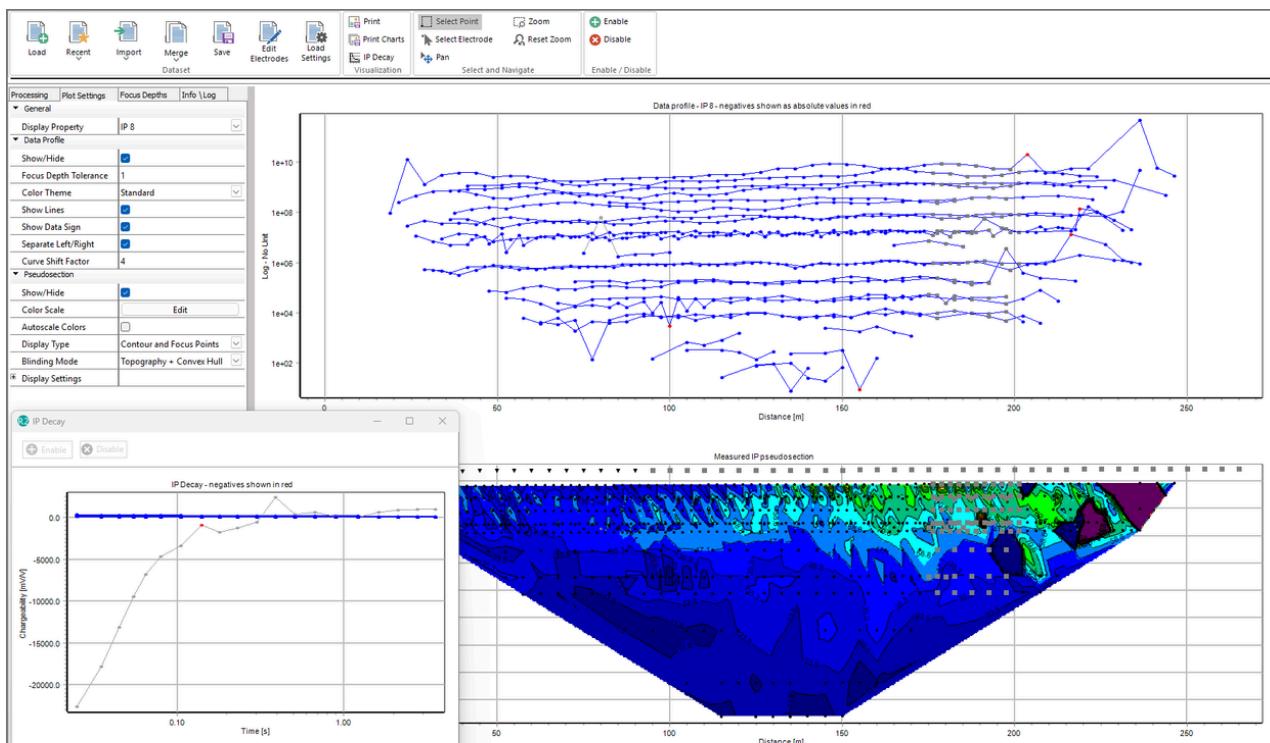
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# Res2DInv 2026.1 features and functionality

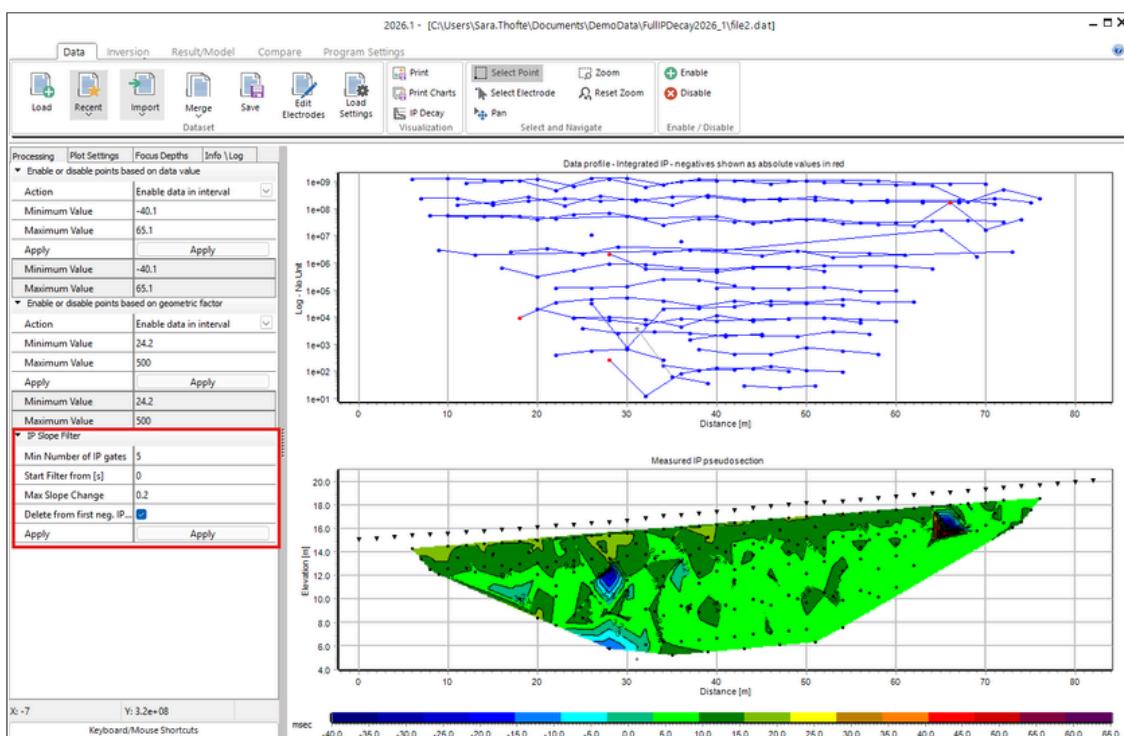
## Review and quality control of full IP decay curves

Display, edit, and filter full IP decay curves for each individual IP value, a capability not previously available. The data profile view now presents shifted IP decay curves on a log scale, making it easier to identify patterns and outliers. Negative IP values are clearly marked for straightforward quality control. The new Decay Plot lets you view and edit full IP decay curves, giving you precise control during processing. These tools help you identify patterns, correct issues, and apply filters early, improving data quality and delivering a more accurate earth model.



## Process IP data with advanced cleaning tools

Clean and prepare IP datasets more effectively using slope filtering and auto-disable of negative gates. These new tools make it easier to remove unwanted data and ensure only reliable signals are used for inversion. As a result, you can deliver more reliable and well-constrained inversion results.



## Res2DInv release history

### New features

- Res2DInv now supports and processes Full IP decay data. You can view all IP windows and the full IP decay for each individual IP measurement, making it possible to process IP data before integration and inversion.
- When importing full IP decay, individual IP values can be outside the minimum and maximum range for integral IP values.
- A log entry is added when integral IP values are discarded on import because they are outside the allowed range.

### Corrected bugs

- Disabling 'Autoscale colours' when Display Property is 'Sensitivity' or 'Uncertainty' would cause an error.
- Changing 'Display Property' in Compare, while 'Autoscale colours' is off, would cause incorrect colours if 'Autoscale colours' was switched back on.
- Automatic colourscale generation now works for datasets where all IP values are identical or have a very small range.
- Bulk exporting several files to Geosoft grid would cause an error if Display Type was set to 'Both'.
- When exporting to Geosoft grid, the '\_trapezoidal' suffix is no longer used on exported files if the model is rectangular.
- A very large number of timelapse timesteps no longer prevents legacy .inv files from being loaded and displayed.