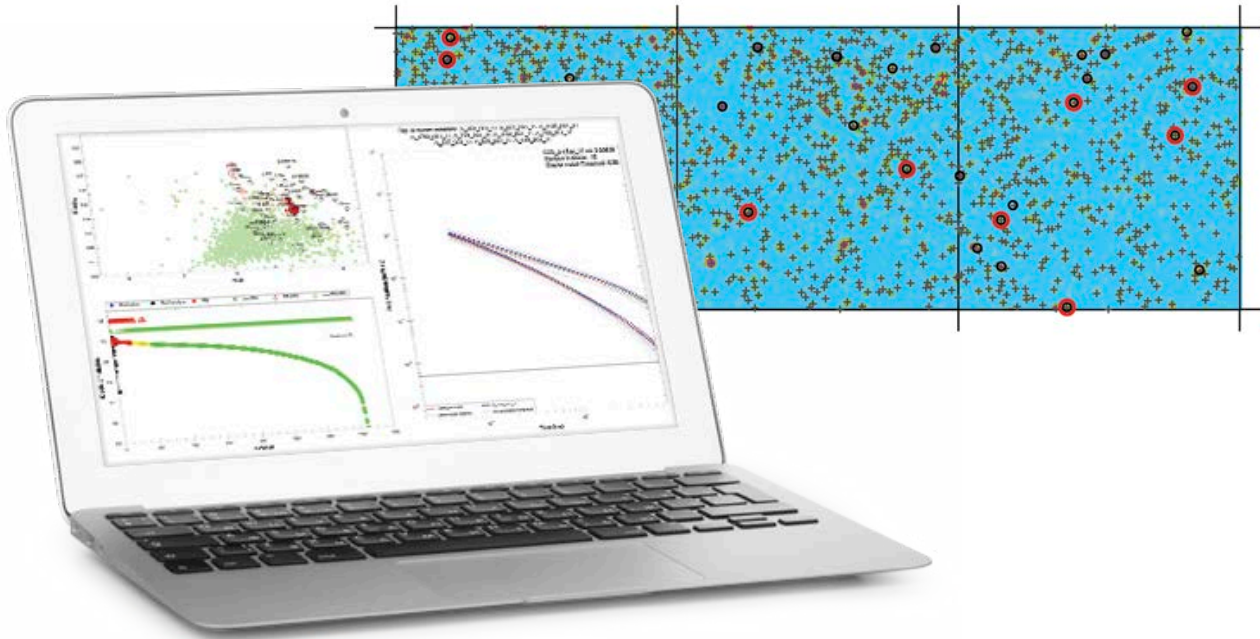


UX-Analyze



A powerful solution for classification, modelling and analysis of UXO targets using advanced electromagnetics



Streamlined workflow for advanced UXO classification

UX-Analyze provides geophysicists with a comprehensive UXO classification tool for advanced electromagnetic sensor data. With UX-Analyze users can select target signatures of interest, invert the data and classify the results from static or dynamic surveys. While helping to streamline complex tasks, the tools within UX-Analyze require an understanding of electromagnetics for effective use and interpretation of results.

- Set the project parameters
- Import the target data
- Define and refine anomaly footprints
- Perform data corrections
- Batch fitting a list of targets
- Inspect and refine existing targets
- Add new targets
- Classify targets
- Manage target lists
- Produce maps and a progress report

Full Featured and Adaptable

Prepare Data for Analysis

- Import dynamic or static field data in HDF5 or CSV format.
- Quality checks and reporting.
- Apply data corrections.
- Background removal.

Find Targets

- Automated target picking.
- “Informed source selection” (dipole filter) using automated inversions of dynamic survey data.
- Inspect and refine target locations.

Analyze

- Single and multi-object model inversions (solvers) to yield polarizabilities for anomalies

Construct Signature Library

- Includes existing signature libraries ‘newline’ Import and use DoD Signature Library data.
- Tailor and refine libraries for site specifics.
- Look for unknown clusters of signals to find unexpected targets of interest (TOI) on a site.

Classify and Rank

- Find likely UXO based on polarizabilities.
- Find target signatures matching Signature Library.
- Classify and rank targets – e.g. munition vs. clutter.
- Identify targets for excavation or follow-up static survey.
- Easily create plots and tables of the results documenting the analysis to use in reports.

*UX-Analyze includes modelling tools developed in partnership with Acorn Science & Innovation.

**UX-Analyze is available as an extension of Oasis montaj. As a prerequisite, UX-Analyze requires a current version of Oasis montaj and the UXO Land extension.

Expand your UXO Solution

Add more capabilities to your Oasis montaj UXO subscription with extensions for UXO detection and analysis in near surface (UXO Land) and marine environments (UXO Marine).

Flexible and cost-effective subscription options

Your UX-Analyze subscription gives you affordable, single-user access to high-performance technology for UXO classification, modelling and analysis.

- Select from monthly, annual and multi-year subscription plan options.
- Adjust your plan to match your project and business needs.
- Add more subscribers as your team grows.
- Add more tools to your subscription to meet changing project requirements.
- Get continuous support and access to online learning resources in My Geosoft.

Explore more effectively

Efficiently automate routine data processing tasks. Streamline your workflows to save time and allow you to focus on generating outcomes that drive results.



Collaborate across disciplines

Effectively share and progress your results with team members and knowledge experts. Work together to better manage project risk, costs and timelines.

Make confident decisions

Connect your 3D model with the original data to validate your thinking. Iteratively build and refine your 3D results as new data is collected and becomes available.



Learn more

Visit: www.geosoft.com/products/ux-analyze



Proudly serving geoscientists since 1986.

www.geosoft.com

TORONTO | RIO DE JANEIRO | LONDON | PRETORIA | PERTH

Geosoft Inc. | 207 Queens Quay West, Suite 810, Toronto, ON M5J 1A7 Canada | +1 800 363 MAPS

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