

EMIGMA V11

For Vista/W7 /W8.1, W10, W11

Frequency Domain EM

ground, airborne, borehole, marine, xhole

GSSI, CMD Explorer, PROMIS, EM31/34/38, DualEM, MaxMin, GEM2/GEM3
Helicopter and Fixed-Wing, VLF, VLF-R

Data Processing

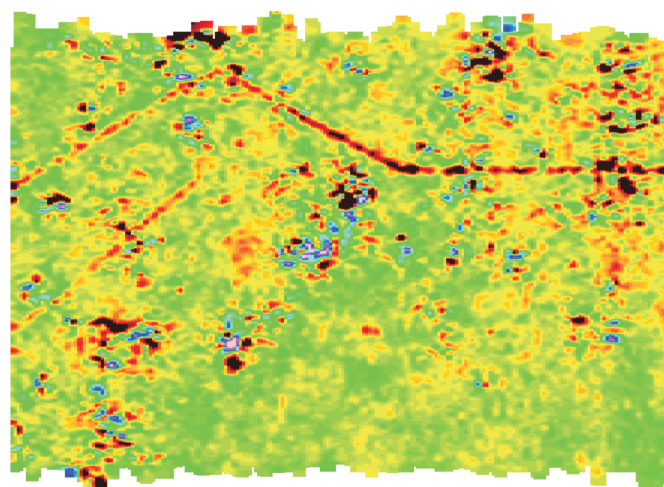
1D digital and spatial filters plus 2D spatial filters
Data or position corrections
Accurate inversion apparent resistivity processing
Data merging, data re-positioning and unit conversion

Data Display/Analyses/Mapping

Survey and data imaging and contouring in 3D
3D Surfaces ~ Contours ~ Line Plots
Five interpolation techniques with rectangular grid cells
Mapping tools

3D Modeling and Inversion

Rapid and accurate 3D simulations
Prisms, plates and polyhedra targets
Interactive visual model building
Magnetic and polarizable targets
Thin Sheet Plate Inversion Algorithms



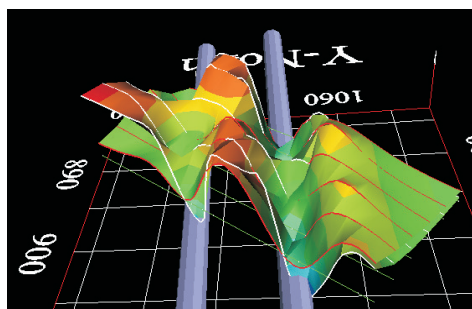
FDEM Europe

1D inversions

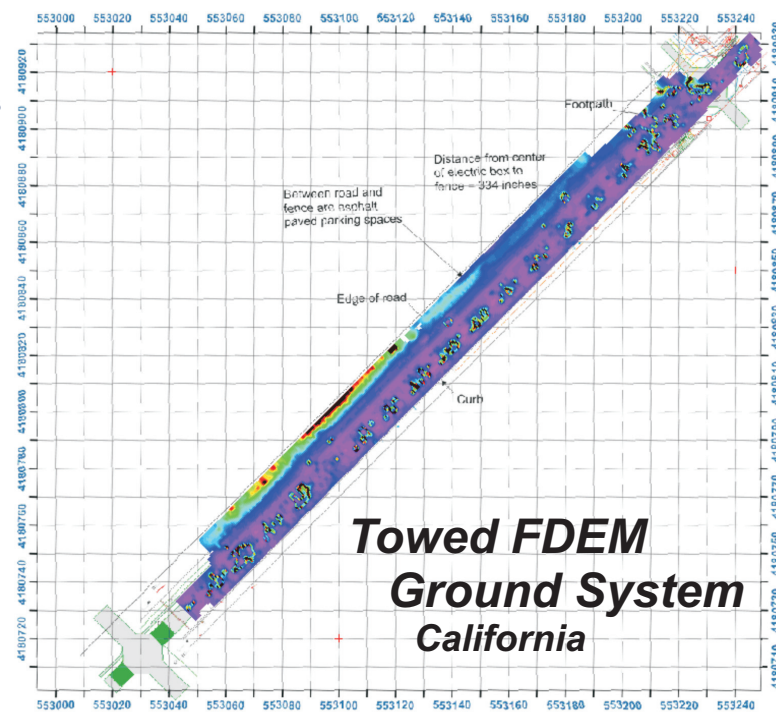
Smooth Occam or discrete Marquardt techniques
Underconstrained and smooth Inversions
Full Model parameter constraints
2D sections and 3D Volumes
Selectable IP and OP data elements

Airborne Processing

Helicopter, Fixed Wing
1D and 3D Inversions
Apparent Resistivity and PseudoDepth



Drainage Pipes Modeling



**Towed FDEM
Ground System
California**

Processing, Imaging & Interpretation Suite

Exploration, Environmental, UXO, Geotechnical, Delineation



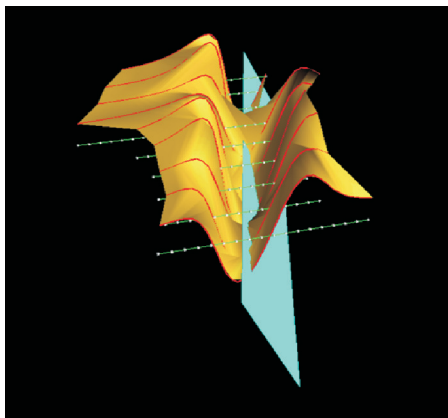
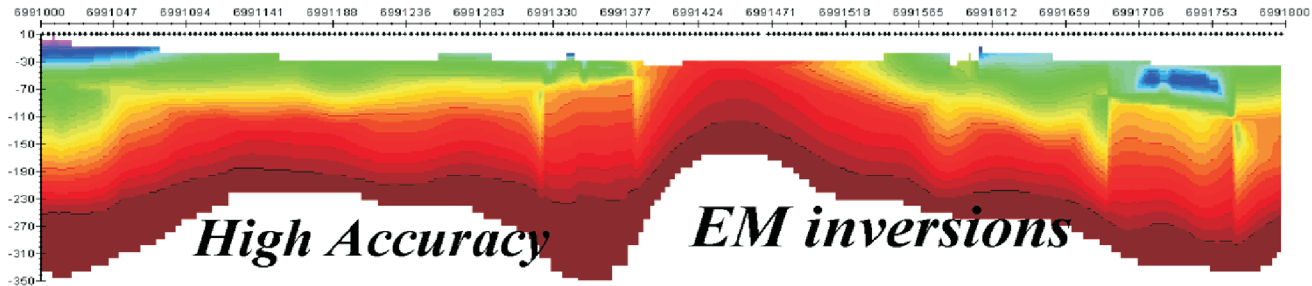
EMIGMA V11

FDEM

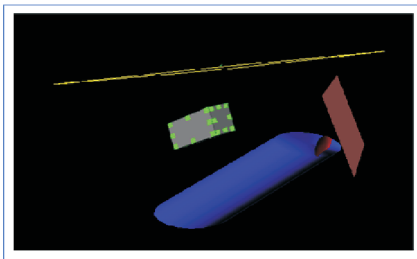
For W7/W8.1/W10/W11

EMIGMA for EM

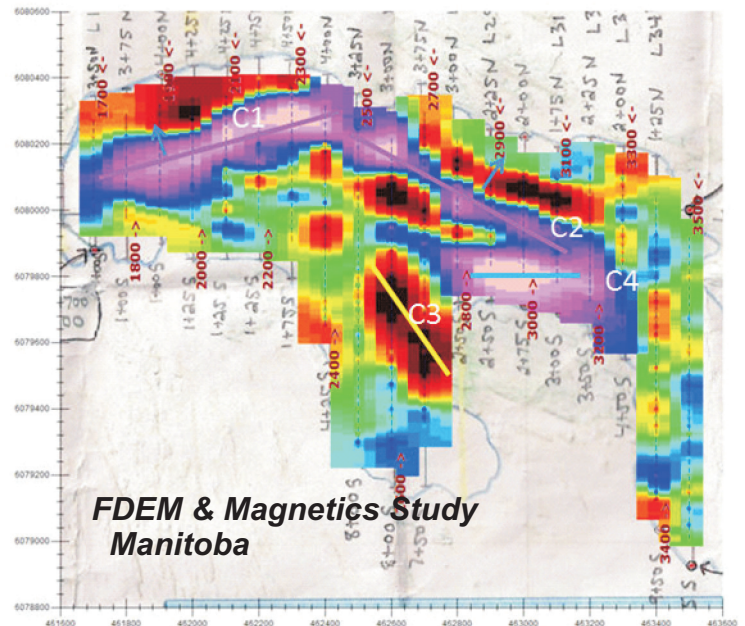
ground, airborne, borehole, underground



MaxMin 3D Plate Inversion



3D Models for Engineering Studies



Processing, Imaging & Interpretation Suite

Exploration, Environmental, UXO, Geotechnical, Delineation