

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

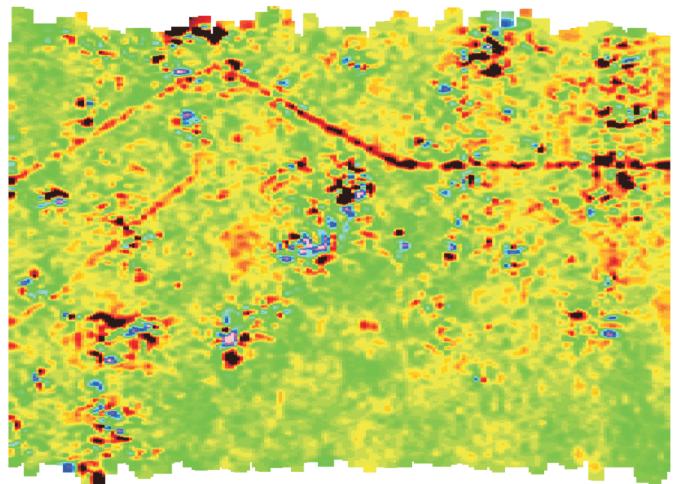
Data Processing

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



FDEM Europe

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

1D inversions

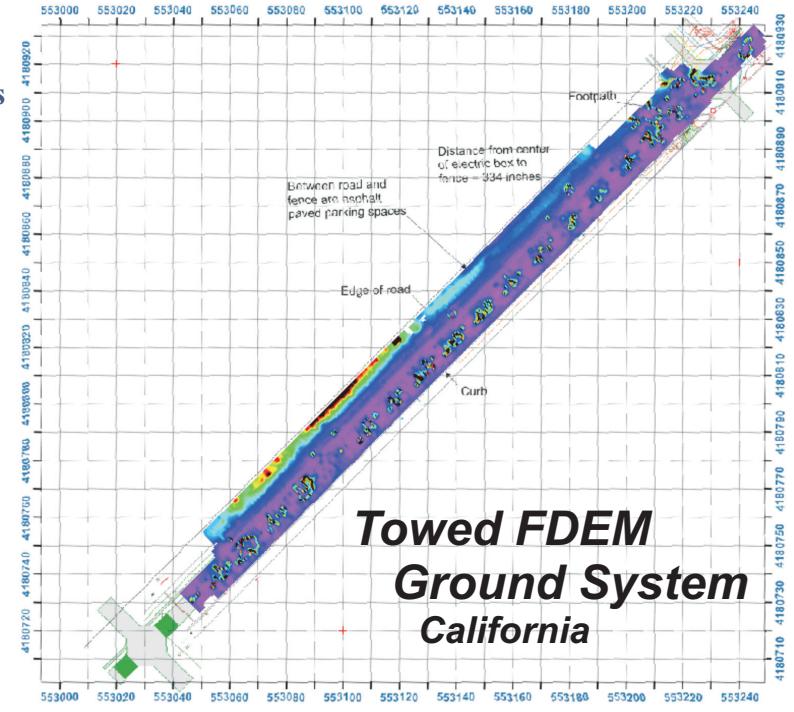
Smooth Occam or discrete Marquardt techniques

Underconstrained and smooth Inversions

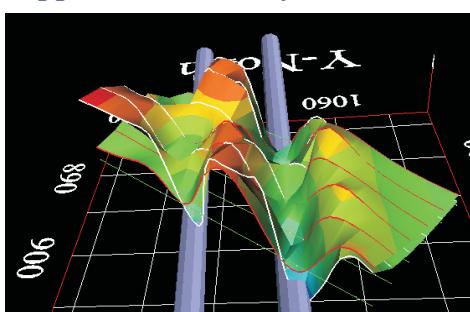
Full Model parameter constraints

2D sections and 3D Volumes

Selectable IP and OP data elements



**Towed FDEM
Ground System
California**



Drainage Pipes Modeling

Processing, Imaging & Interpretation Suite

Exploration, Environmental, UXO, Geotechnical, Delineation

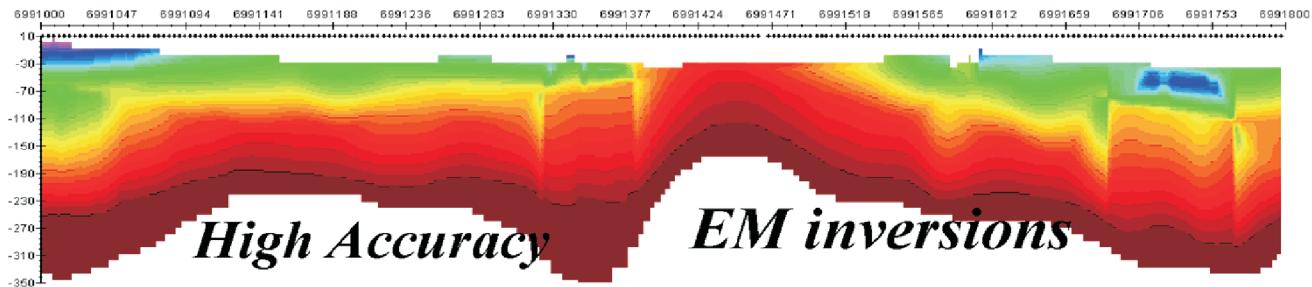


EMIGMA V11

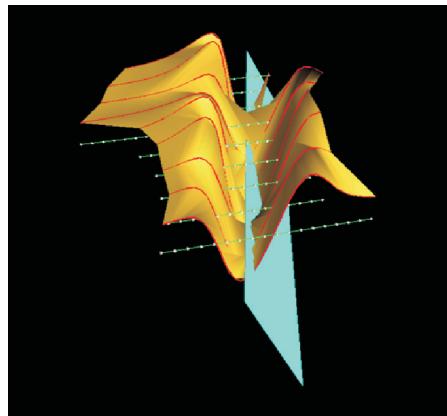
FDEM

For W7/W8.1/W10/W11

EMIGMA for EM
ground, airborne, borehole, underground

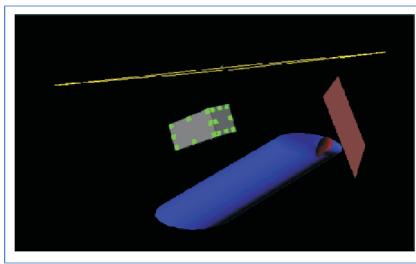


EM inversions

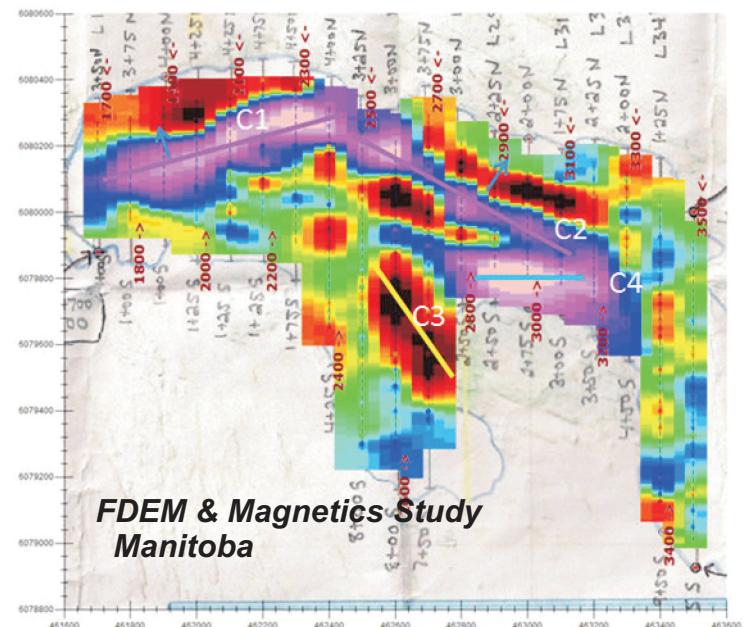


MaxMin 3D Plate Inversion

for Near Surface,
Groundwater,
Mining



3D Models for
Engineering Studies



Processing, Imaging & Interpretation Suite

Exploration, Environmental, UXO, Geotechnical, Delineation