

LANDVISER is Enlightening Research

with **Location Business Intelligence** by developing efficient solutions to map and monitor environmental resources, promote sustainability, reduce risks, and increase profits for public and private entities worldwide.

Learn about innovative non-invasive technologies: our portable field EC meter – LandMapper®; electrical geophysical instruments, sensors, and software of our worldwide Partners to study core biosphere components (soils, plants, and groundwater).

[Talk to CEO](#)[Write to Us - Fast Response!](#)

PRODUCTS

HIGH - QUALITY INSTRUMENTS

SOLUTIONS

FIND WHAT WORKS BEST FOR YOU

CONSULTING

UNIQUE APPROACH TO EACH CLIENT

Landviser provides LAND Advice and explains GEO TECHNOLOGIES

Landviser **Excels** in:

1. Land Surveys and Geo-Data Consulting
2. Geophysical Instruments Sales and R&D (own and Partners)
3. GIS and Geotechnical Software Sales and R&D (own and Partners)

Our **Mission** is **Enlightening Research**:

Educating, Training, and Supporting Users with the Best Geo-Tech on Earth!

Remote Land Surveying and Monitoring

1. **Build** a Web Portal of **ALL** Environmental Resources on **YOUR LAND**



2. **Source** and **Analyze** Soil & Land Use Maps, Weather & Climate Data, Satellite Imagery, Subsurface Geology

3. Securely **Integrate** **YOUR DATA** with **Earth Observations** & **Develop** predictive **ML Models** for Sustainability



...**YOU** also can:

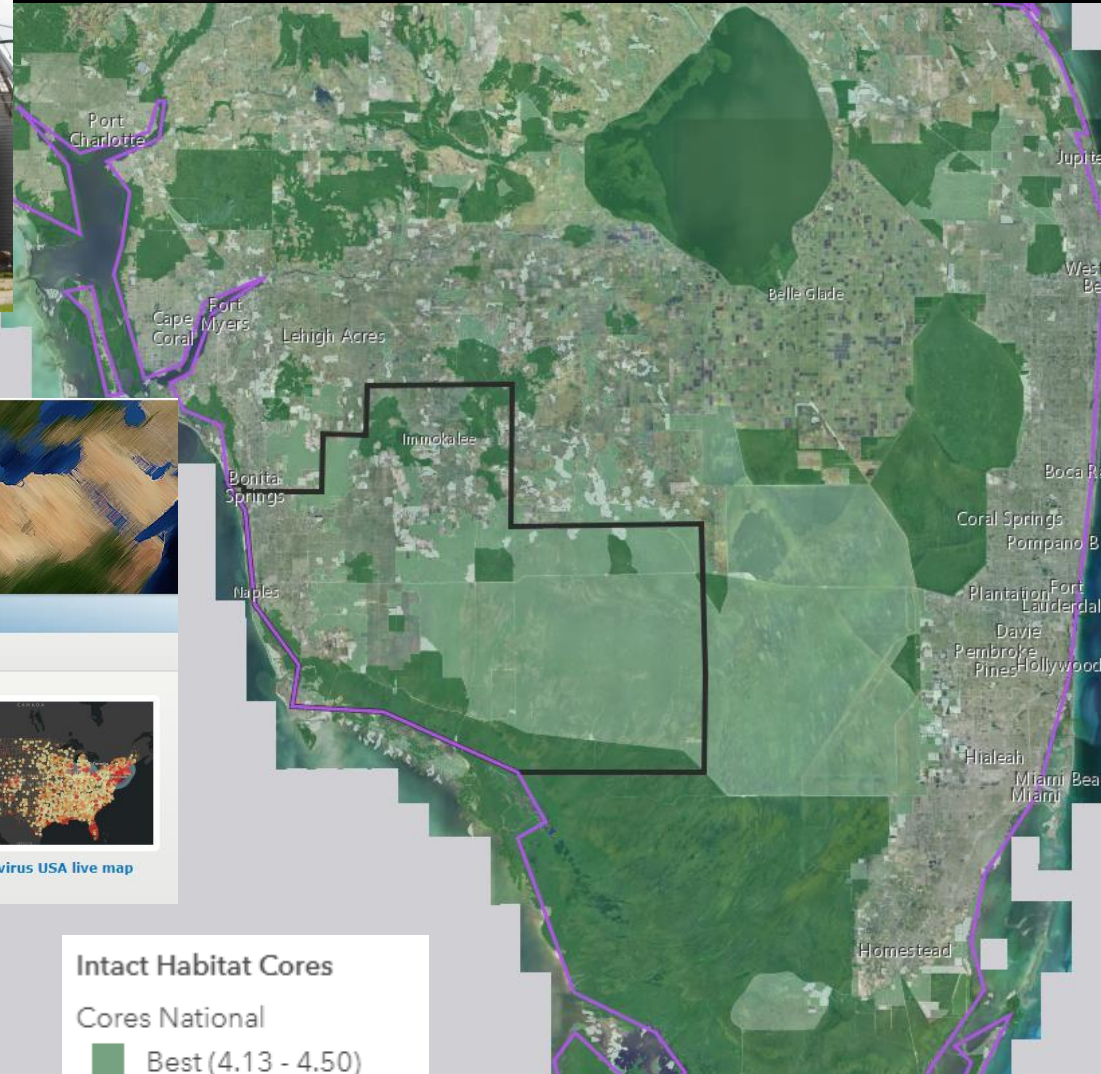
- get our versatile **LandMapper®** handheld device to measure **Soil Properties** at **Multiple Depths** – **NO DIGGING!**

...and **WE** can help to:

- **Supply** and **Train** users on **Instruments** and **Software** - 2D / 3D subsurface **geophysical** surveys for land development; mining; groundwater monitoring; agriculture; archaeology; underground utilities; dams, roads, and buildings stability



1. Build GIS Dashboard of Land Resources for a Client



 **Landviser LLC**

by Larisa Golovko



Florida: Soils, Habitats, and Imagery



Storm Watch Webmap



Coronavirus USA live map

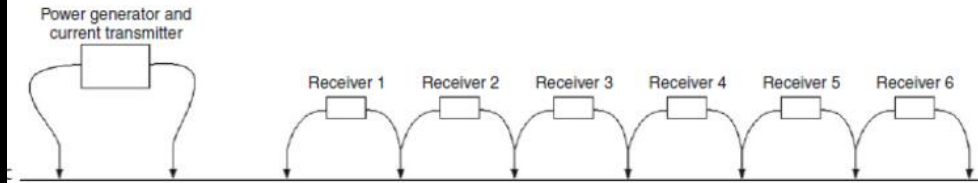
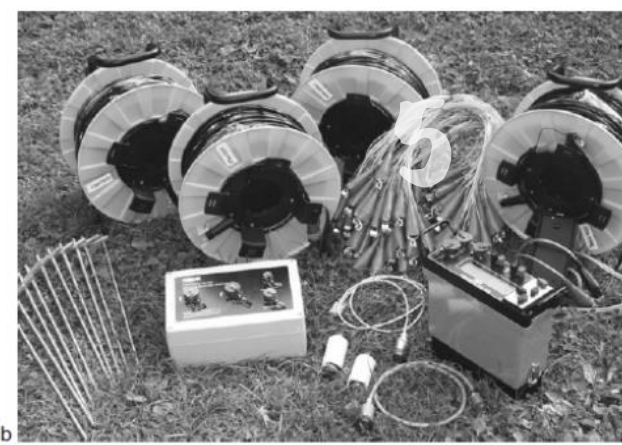
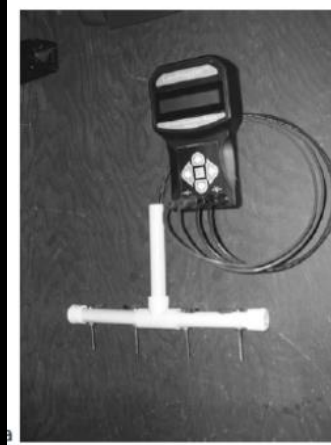
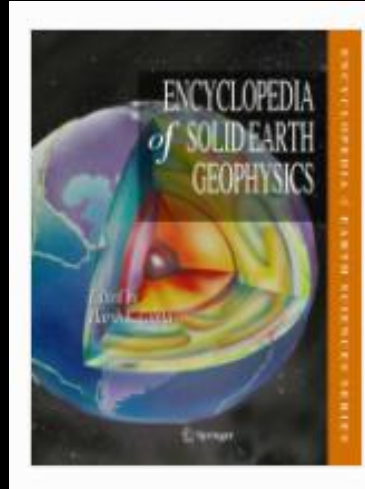
Our Interactive Disaster Monitoring Mapping Portal:

- [COVID19 USA](#) – [Storm & Flooding Watch](#) – [Harvey Damage](#) –





VS



Instrumentation, Electrical Resistivity, Figure 2 Different classes of resistivity instruments. (a) A lightweight portable system (courtesy of Landviser LLC). The distance between the electrodes in the above picture is 5 cm. (b) A typical system used for shallow environmental and engineering surveys (courtesy of Torleif Dahlin and Abem Instruments AB.), and (c) a schematic diagram of a system for deep surveys.

Electrical Geophysical Methods:

- Non-destructive and Fast
- Practical, Objective, Versatile
- Non-direct → need **Interpretation**

Our Scientific Approach

Parameters of **electromagnetic fields**

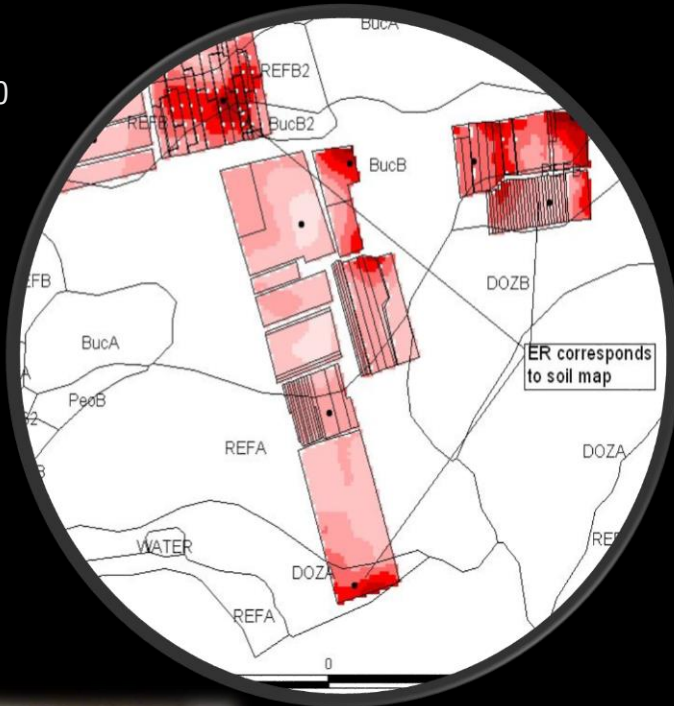
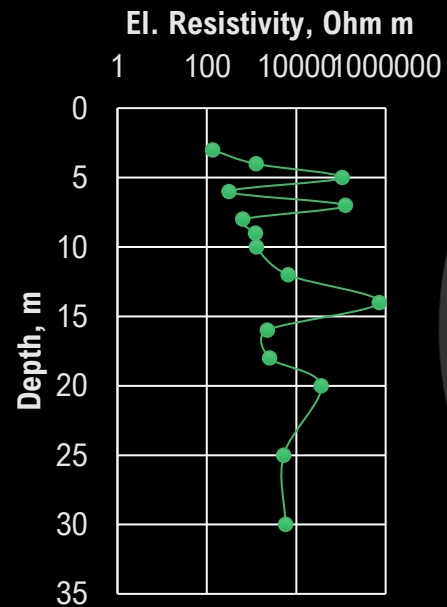
- Electrical Self-Potential (SP)
- Conductivity (EC) or Resistivity (ER)
- Induced Polarization (IP)
- Dielectric Constant

LandMapper[®] is... Easy and Fast!

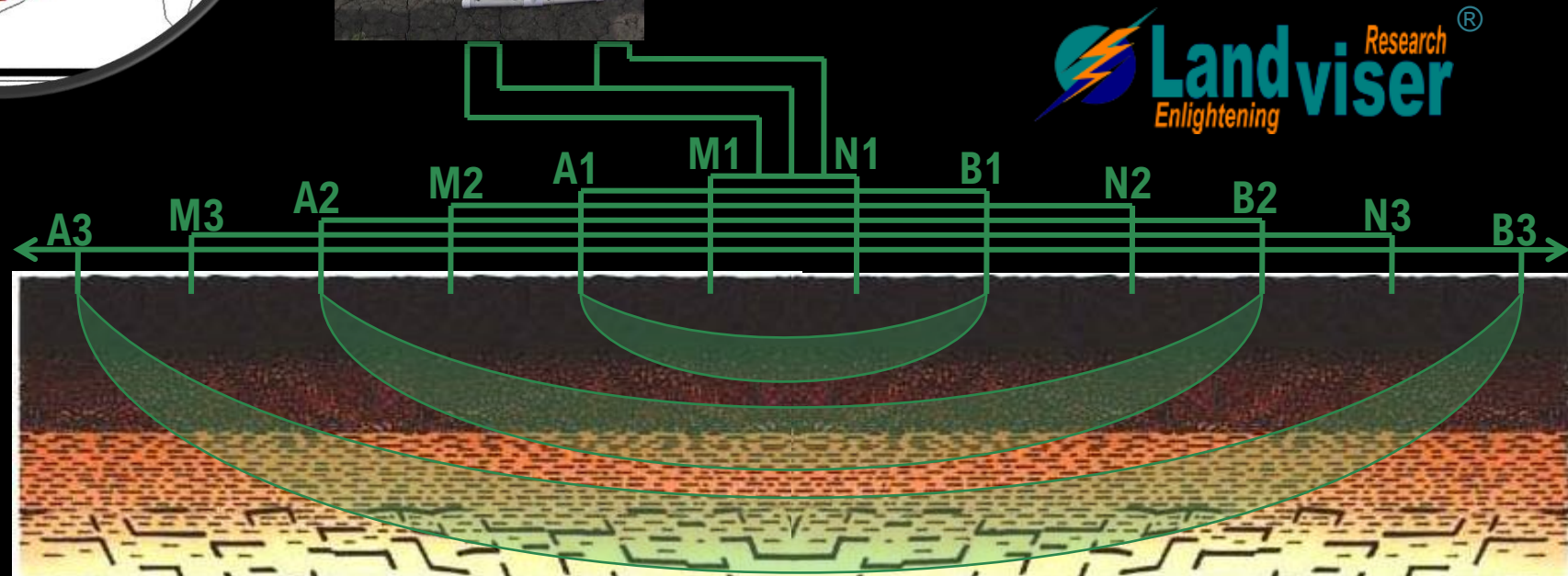
- Landviser's own instrument, 4th gen. (R&D since 2002)
- No calibration – EC/ER and depth depends on probe size only
- Push a button – get EC/ER value in 4 seconds!
- Stores 1000 EC/ER/SP values – can be merged with GPS
- **NEW:** real-time stamps, unassisted monitoring, ergonomic design, standard USB cable, rugged for field work.



LandMapper[®] is... Portable and Scalable!



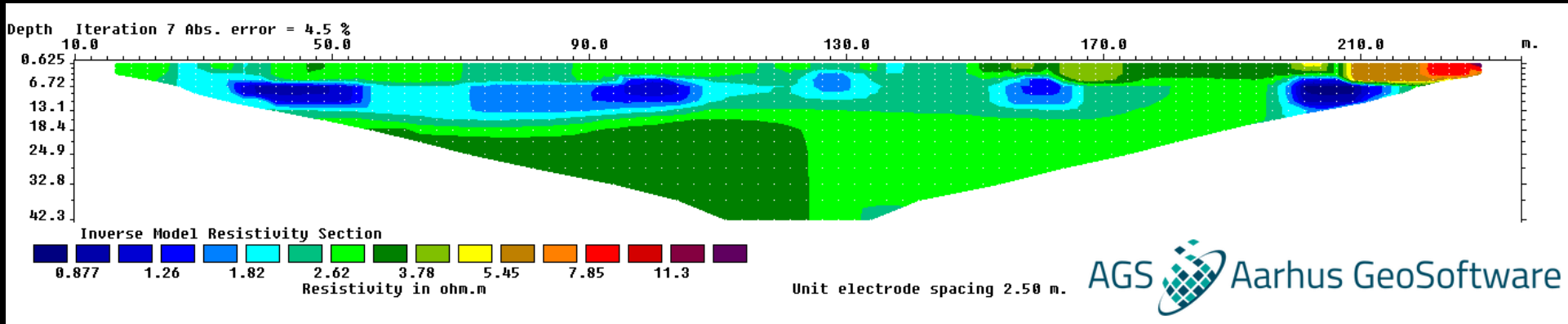
- Fits in a shirt pocket
- Runs all season from standard 9V battery
- Measures EC/ER in irrigation water, saturated soil paste as well as in the field soils from 2 cm to ~30 m depth (manual 1D VES)



SibER: Deep Subsurface 2D/3D Electrical Tomography

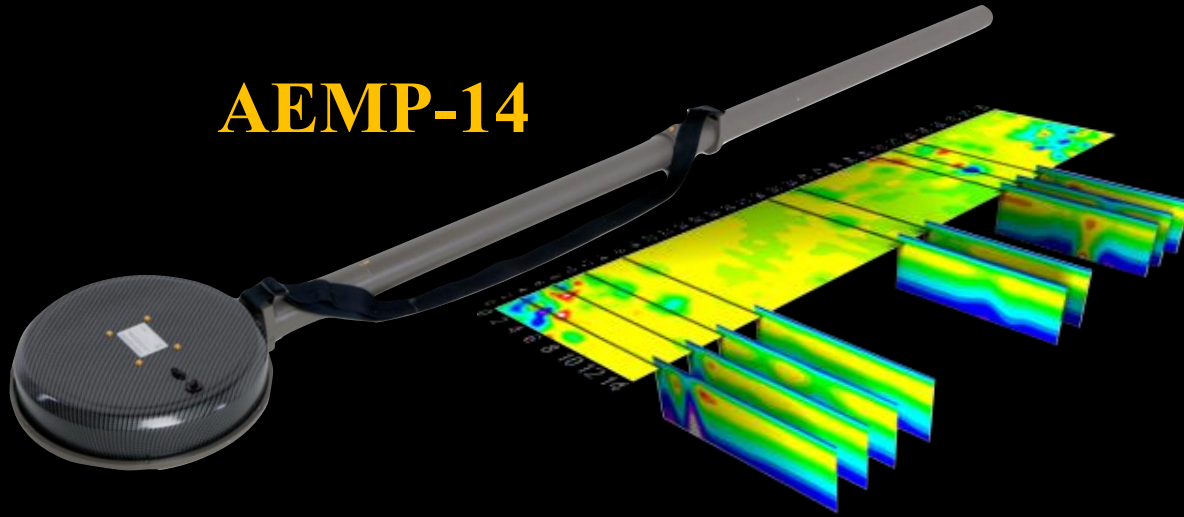


- Four Models of **SibER** instrument available:
-32K4, -48K12, -64K15, -64K15E
- **Any Array** (Wenner, Pole-Dipole, Dipole-Dipole, etc):
2D/3D survey protocols easily pre-programmed
- **Customized** cable sets for **YOUR** applications:
1, 2, 5, 10, 15, 20 m spacings
 - Fast Imaging down to **300+ meters**!
- Fast **Remote** and **On-site** Training and Support
ANYWHERE on **Earth**!



Multi-frequency Electromagnetic (EM) Profiling

AEMP-14



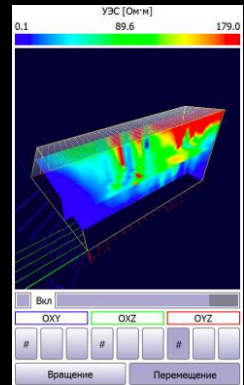
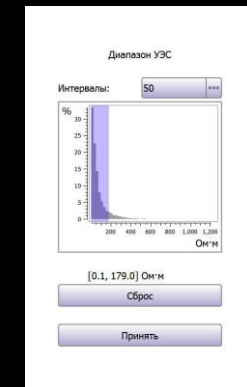
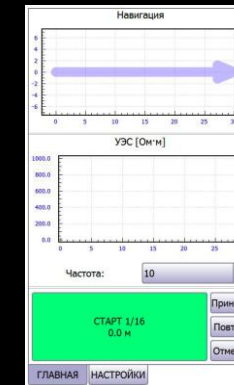
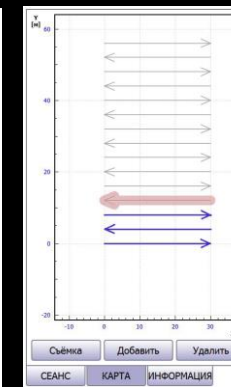
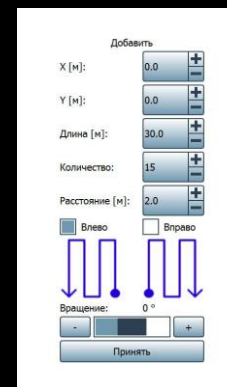
GEOVIZER



Electromagnetic profiling on any set of 3 (Geovizer) or 14 (AEMP-14) fixed frequencies in range 2.5 - 250 kHz, with automatic GPS referencing and previewing of 2D/3D models!

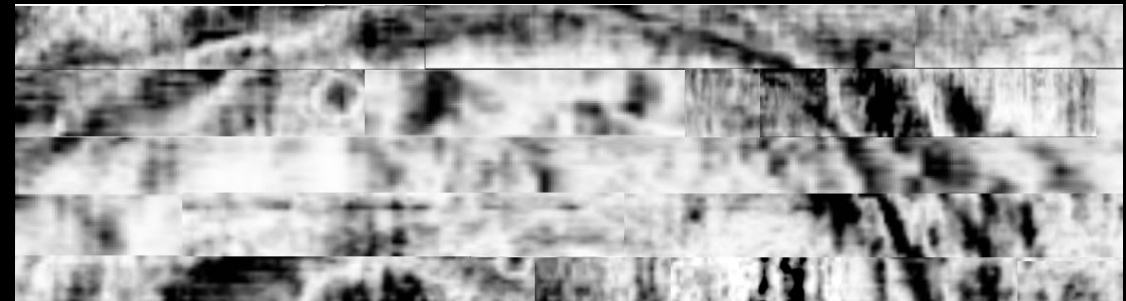
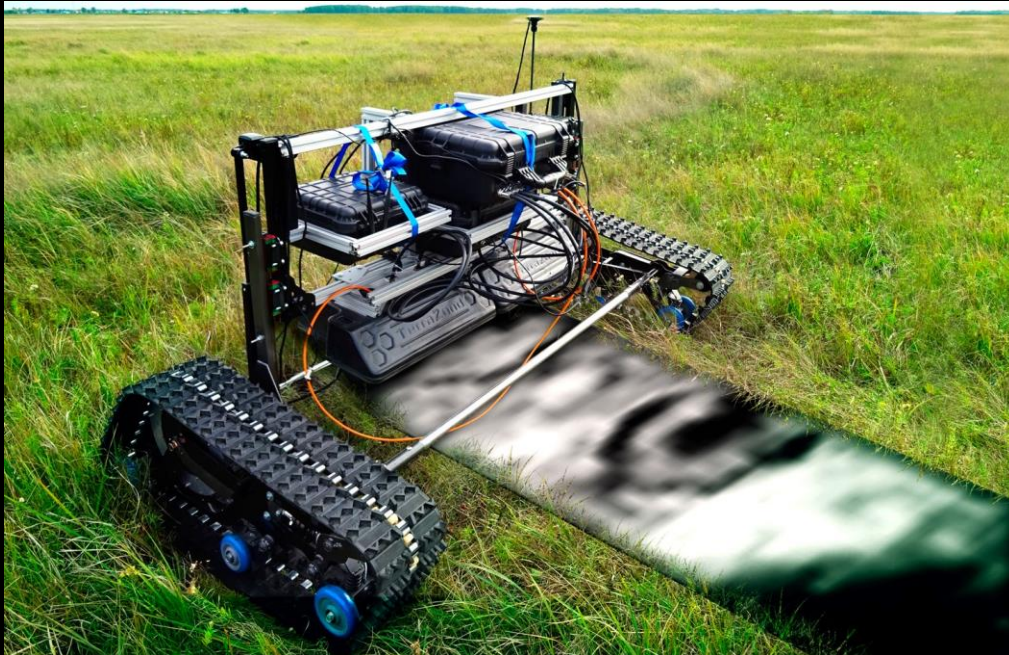
With EM Profiling YOU can:

- monitor the status of underground utilities
- determine the location of pipelines, cables, tunnels
- map groundwater and its pollution
- research archaeological sites
- assess agricultural land
- monitor contamination by fuels and lubricants
- conduct engineering surveys for construction



Profiling and Visualization of 2D/3D data, as well as preparing reports is easy with **Android** (Qzond) and **Win** (iiSystem) **software** (included)

Variants of TerraZond 3D GPR "GRT-XX" integration



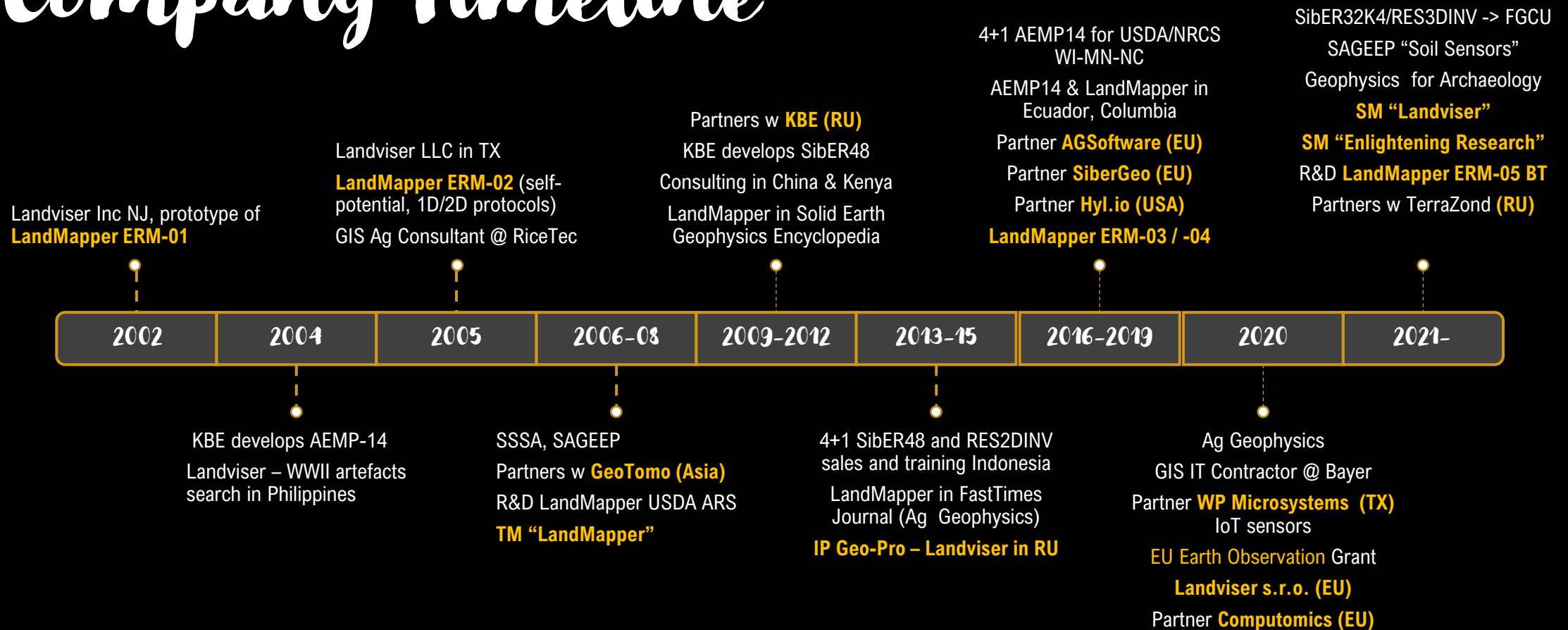
Geophysical Instruments

	LandMapper	SibER	Geoviser	AEMP-14	3D GPR
Properties	EC/ER/SP	ER/IP/SP	EC/ER	EC/ER	Radio Reflectance
Mobile Mapping	Yes, grounding	No	Yes, <20 km/h	Yes, <20 km/h	Yes, <145 km/h
1D profiles	Yes*	Yes	No	Yes	Yes
2D / 3D	Yes*	Yes	No	Yes	Yes
Resolution	2 cm – 1 m	1 – 10 m	3 depths / freq. in 2.5-250 kHz	14 depths / freq. in 2.5-250 kHz	2 mm – 5 cm 16-32 freq. in 0.2-8 GHz
Max Depth	~30 m	~300+ m	~3 m	~8-10 m	GRT 8X ~0.8 m GRT 3X ~1.5 m GRT 1X ~9 m

**LandMapper handheld only supports manual movement of each 4-electrode combination for 1D VES profiles and 2D imaging, wire sets are supplied or easily made by user*



Company Timeline



We continue **Enlightening Research** through Collaboration

PARSEC



Team



Expertise:

Plant Genetics
Data Integration Interface
Machine Learning
SaaS Provider
Start-up Success



Expertise:

Geophysical Technologies
Electromagnetic Sensors
Electrical Resistivity Imaging
Induced Polarization Survey
Geophysical Instruments
Data Interpretation



Expertise:

Remote Sensing and GIS
GxE Data Integration
Precision Agriculture
Climate and Crop Modeling
Agricultural Geophysics



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824478.

LandMapper

Reg. No. 4,244,430

Registered Nov. 20, 2012

Int. Cl.: 9

TRADEMARK

PRINCIPAL REGISTER

LANDVISER (TEXAS LIMITED LIABILITY COMPANY)
828 DAVIS RD
LEAGUE CITY, TX 77573

FOR: ELECTRONIC MEASURING INSTRUMENT FOR USE IN NON-INVASIVE MEASUREMENT OF LAND PARCELS AND SOIL PROPERTIES, INCLUDING MEASUREMENT OF ELECTRICAL PROPERTIES, NAMELY, RESISTIVITY, CONDUCTIVITY, POTENTIAL, INDUCED POLARIZATION IN THE VOLUME OF NATURAL OR ARTIFICIAL MATERIALS AND LIVING SUBJECTS, NAMELY, SOILS, ROCKS, SOLUTIONS, PLANTS AND ANIMALS, IN CLASS 9 (U.S. CLS. 21, 23, 26, 36 AND 38).

FIRST USE 11-10-2002; IN COMMERCE 6-1-2003.

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT, STYLE, SIZE, OR COLOR.

SER. NO. 85-411,027, FILED 8-30-2011.

SUSAN RICHARDS, EXAMINING ATTORNEY



Landviser

Reg. No. 6,269,715

Registered Feb. 16, 2021

Int. Cl.: 35, 42

Service Mark

Principal Register

Landviser LLC (TEXAS LIMITED LIABILITY COMPANY)
828 Davis Rd
League City, TEXAS 77573

CLASS 35: Analysis of market research data and statistics; Analyzing and compiling business data; Data compiling and analyzing in the field of insurance and risk management; Business data analysis; Business research services, namely, providing analysis of retail data on specific business locations; Compiling and analyzing statistics, environmental data and other sources of information for business purposes; Information and data compiling and analyzing relating to business management

FIRST USE 4-11-2002; IN COMMERCE 7-12-2003

CLASS 42: Data automation and collection service using proprietary software to evaluate, analyze and collect service data; Mapping services featuring global spatial and temporal Big Data models; Mapping services featuring data-intensive projects analyzing environmental data and developing custom software solutions to reduce risks and increase ROI; Mapping services featuring geo-enabled interactive web maps and apps; Mapping services featuring custom system integrations and data analytics of geospatial data across industries; Mapping services featuring custom software solutions in temporal/spatial analysis for agriculture, environmental science, retail, banking, and other industries; Cartography and mapping services featuring geophysical maps; Computer compatibility services, namely, data mapping

FIRST USE 4-11-2002; IN COMMERCE 7-12-2003

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT STYLE, SIZE OR COLOR

SER. NO. 88-789,678, FILED 02-07-2020



Thank you

Video of Instruments 2021

To work with us, contact:

Larisa Golovko, PhD

CEO of Landviser (US-EU-RU)

larisa@landviser.com



Enlightening Research

Reg. No. 6,422,926

Registered Jul. 20, 2021

Int. Cl.: 35

Service Mark

Principal Register

Landviser LLC (TEXAS LIMITED LIABILITY COMPANY)
828 Davis Rd
League City, TEXAS 77573

CLASS 35: Analysis of market research data and statistics; Analyzing and compiling data for measuring the performance of financial markets; Analyzing and compiling business data; Advice on the analysis of consumer buying habits and needs provided with the help of sensory, quality and quantity-related data; Business research and data analysis services in the field of agriculture, retail, transportation, natural resources, utilities, finance, geographical information systems; Business research services, namely, providing analysis of retail data on specific business locations; Compiling and analyzing statistics, data and other sources of information for business purposes; Information and data compiling and analyzing relating to business management; all the foregoing for research purposes in the fields of information technology, computational, fundamental, and applied sciences, including, but not limited to agriculture, biology, ecology, climatology, geography, geology, and geophysics

FIRST USE 9-12-2008; IN COMMERCE 9-12-2008

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT STYLE, SIZE OR COLOR

No claim is made to the exclusive right to use the following apart from the mark as shown: "RESEARCH"

SER. NO. 88-808,809, FILED 02-24-2020

