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Data Assistant

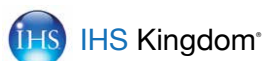## Transfer data between E&P Systems and ArcGIS

Data Assistant enables easy data transfer between ArcGIS™ and common petroleum sector data formats, including those used by Petrel, Kingdom and Landmark.
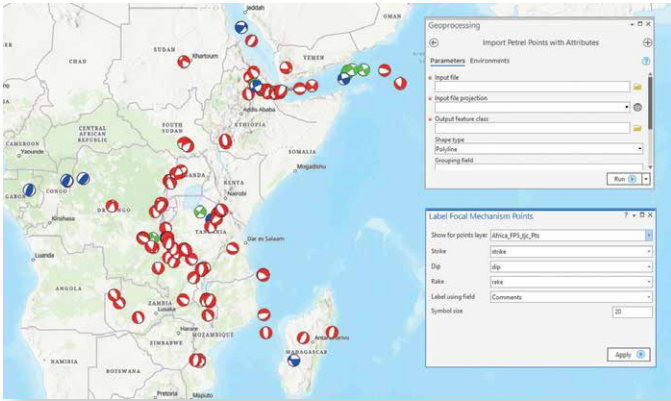
USES

- Import data to ArcGIS via common E&P data formats.
- Export data from ArcGIS to common E&P data formats, for use in E&P sub-surface interpretation systems.
- Supported data types include well headers, deviation surveys, well logs, seismic navigation, seismic traces, interpretation, grids, faults, color ramps and focal mechanism earthquake data.
- Supported formats include those used by the following E&P applications:

BENEFITS

- Increase efficiency by moving your E&P data to ArcGIS without using complex workflows or bespoke development.
- Save costs by employing a reliable low-cost easy-to-use alternative to expensive service oriented architecture (SOA) data integration tools.
- Improve data management processes by leveraging ArcToolbox, ModelBuilder and Python.
- Available in ArcMap and ArcGIS Pro.

Petrel

IHS Kingdom®

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KEY FUNCTIONALITY & FEATURES

WIZARD

Data Assistant has an easy-to-use Wizard interface that enables the ArcGIS novice to quickly import data from common E&P data formats into ArcGIS, and vice versa. Data can be imported to shapefile or file geodatabase formats and layers are automatically tagged with metadata to record data provenance.

ARCTOOLBOX

ArcToolbox is the ArcGIS user interface for accessing and organising geoprocessing tools, models and scripts. Data Assistant's tools are additionally packaged as a toolbox, providing the ability to import and export your data using the ArcToolbox environment.
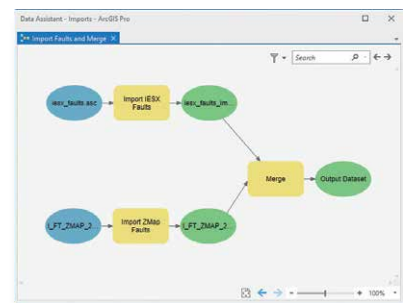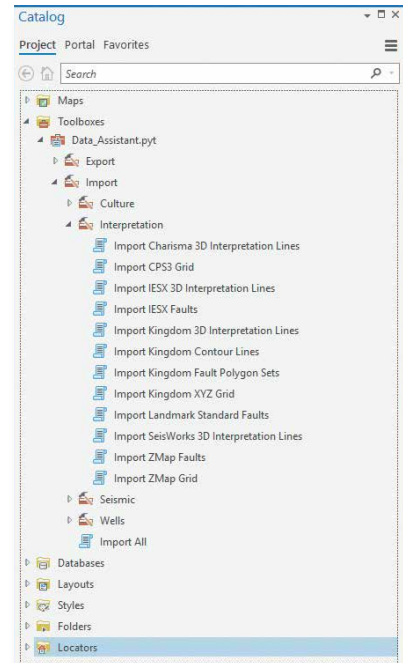
MODELBUILDER

Data Assistant's tools are fully supported in the ArcGIS ModelBuilder environment, a visual programming language for building workflows.

This enables you to string together sequences of geoprocessing tools, enhancing your workflows with pre- and post-processing logic using ArcGIS system tools.

PYTHON

Python is a powerful and easy-to-learn programming language that has become the ArcGIS scripting language of choice. All Data Assistant's tools can be called via Python, allowing you to create powerful scripts for processing data, and run them automatically using scheduled tasks.

To learn more about Data Assistant
email **software@exprodat.com** or visit **www.exprodat.com**

ABOUT EXPRODAT

Transform your company performance by putting Exprodat's unique solutions at the heart of your E&P processes; enabling your users with enhanced analytics, mapping and data integration. Get a competitive advantage across the oil-field lifecycle by increasing operational efficiency, improving decision making and transforming your shale developments and reserves management.

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