ARCGIS PRO - BIM - EXTENSION 3D ANALYST

ADVANCED LEVEL

PEDAGOGICAL OBJECTIVES

This ArcGIS Pro / Extension 3D Analyst / BIM training session enables trainees to manipulate Vector and Raster spatial data in 3D, whether in the processing of raw data (Digital Terrain Model...etc) or in 3D visualization and simulation.

TARGET AUDIENCE

GIS technicians, engineers, researchers

PREREQUISITES

Basic GIS skills, ArcGIS Pro level 1 or even level 2

TEACHING RESOURCES

Software license provided: no

Digital training material given to trainees (with concrete examples and practical exercises)

Evaluation questionnaire and end-of-training certificate

DURATION

> 2 days (14h training)

RATES

> On quotation

TERMS AND CONDITIONS

No pre-selection required
Dates to be agreed

REGISTRATIONS

Email > formation@arxit.com
Tel. >+ 33 (0)5 46 34 07 71

For disabled access, please contact us.

CONTENTS

SPATIAL ANALYST EXTENSION FUNCTIONS

Spatial analysis in Raster and Vector mode

Terrain analysis

Surface analysis

Raster calculation

The Raster model and GRID format

GRID HANDLING

Add a grid to your map

Querying a grid

Create a layer automatically from a selection (value calculator)

Create a histogram

Identify cells

Reclassifying a grid

SURFACE ANALYSIS

Create a slope grid

Create a grid of altitude isolines

Create a shading grid for better data visualization

Micro-relief enhancement

Calculate an exposure grid

Defining a sunny zone according to azimuth

CALCULATING DISTANCE, COMBINING AND WEIGHTING VALUES

Grid reclassification (slope, land use, etc.)

Combining and weighting values

COST DISTANCE CALCULATION

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