

ARCGIS - EXTENSION SPATIAL ANALYST

SPATIAL ANALYSIS ADVANCED LEVEL

PEDAGOGICAL OBJECTIVES

This course is designed for people wishing to manipulate Vector and Raster data in advanced mode for spatial analysis of territories.



TARGET AUDIENCE

GIS technicians, engineers, researchers



PREREQUISITES

Basic GIS skills and/or ArcGIS Pro Level 1



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

Define a sunny zone based on azimuth

CALCULATING DISTANCE, COMBINING AND WEIGHTING VALUES

Grid reclassification (slope, land use, etc.)

Combining and weighting values

COST DISTANCE CALCULATION

