

AI APPLIED TO IMAGERY IN ARCGIS

MAXIMIZE YOUR RESULTS USING ARTIFICIAL INTELLIGENCE

PEDAGOGICAL OBJECTIVES

The aim is to enable participants to master the use of the main AI tools in ArcGIS.

The knowledge acquired will be put into practice through object classification and extraction.



TARGET AUDIENCE

General public



PREREQUISITES

Basic computer skills, knowledge of ArcGIS



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 > 1 j. (7h training)



RATES > On request



TERMS AND CONDITIONS

No pre-selection required
Dates to be agreed



REGISTRATIONS

Email > formation@arxit.com

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For disabled access, please contact us.

CONTENTS

IA APPLIED TO IMAGING

- Theoretical aspects
- ArcGIS tools overview

PUTTING IT INTO PRACTICE

Land use classification

- Discover the deep learning environment
- Overview of available models
- Use of a model available for soil classification on data
- Analysis of results

Extraction of building rights-of-way

- Issues & challenges of model training
- Understanding data requirements
- Setting up a training corpus
- Training a simple model
- Tracking and analysis of training curves
- Use of the resulting network and analysis of results
- Basic elements of metrics

