

# GEONODE

## TRAINING OBJECTIVES

GeoNode is an open-source collaborative platform for publishing, sharing, and utilizing map data that complies with geographic metadata standards.

By the end of this workshop, participants will be able to:

- Understand the fundamentals of Geonode
- Administer Geonode
- Connect to map data from various sources
- Enter metadata records
- Create web applications
- Importing/exporting GIS data
- Use WMS/WFS web services



### TARGET AUDIENCE

GIS administrator, GIS project manager, GIS technician, geomatics specialist



### PREREQUISITES

Basic computer skills and a strong understanding of GIS data manipulation

Bring your own laptop to the training session



### TEACHING MATERIALS

Digital course materials provided to trainees (including real-world case studies, hands-on exercises, and technical data sheets)

Evaluation questionnaires and a certificate of completion



**DURATION** > 3 days (21 hours)



### REGISTRATION

Email > [formation@arxit.com](mailto:formation@arxit.com)

Please contact us regarding accessibility for people with disabilities

## PROGRAM

### DAY 1

#### PRESENTATION

Introduction to GeoNode  
Exploring GeoNode Components  
Review of metadata standards  
Review of OGC Services

#### DATA MANAGEMENT

Adding Data to GeoNode  
Using WMS/WFS feeds  
Metadata Management  
Using GeoNode Feeds in a Desktop GIS

### DAY 2

#### MAP CREATION

Map Creation  
Style Management  
Configuring a Viewer  
Sharing and Collaboration

#### CREATING A DASHBOARD

Creating a Dashboard  
Add Widgets (Charts, Tables, Counters, etc.)  
Manage the connection between widgets and GIS layers  
Manage interactive filters  
Learn how to synchronize components  
Publish a dashboard

### DAY 3

#### CREATING A STORYMAP

Create a cartographic narrative  
Insert maps, media, text, charts, and more...  
Manage guided navigation  
Publish a cartographic narrative  
Learn how to synchronize components

#### ADMINISTRATION

Manage roles and groups  
Manage permissions and sharing  
Configure GeoNode

