

# **MCS GEOTECH (P) LTD**

## Certified G.I.S Professional

### MODULE-4 – Course Elaboration

#### Sharing GIS resources online

- Lesson introduction
- Sharing content
- Facilitating collaboration
- What kinds of content can you share?
- With whom do you want to share?
- Esri-hosted or self-hosted content
- ArcGIS services
- Web maps
- Exploring ArcGIS Online
- How is your data best represented?
- Lesson review
- Review Test

#### Authoring operational content

- Lesson introduction
- Preparing operational content
- Feature service vs. map service
- Publishing a feature service to ArcGIS Online
- ArcMap Service Editor and Analyzer
- Publishing a feature service to ArcGIS for Server
- Sharing operational content
- Using services
- Authoring and using web map layers
- Lesson review
- Review Test

#### Creating web apps

- Lesson introduction
- Configuring feature services to support editing
- Web maps to web apps
- Sharing editable maps and applications
- Building your own web apps
- Other apps
- Creating a custom Web AppBuilder app
- Lesson review

- Review Test

### Authoring basemap content

- Lesson introduction
- Sharing basemap content with ArcGIS for Desktop
- Caching workflow: Plan
- Determining scales for caching
- Caching workflow: Design
- Preparing basemap layers
- Caching workflow: Test cache
- Publishing a map service
- Caching workflow: Build cache
- Lesson review
- Review Test

### Sharing image content

- Lesson introduction
- Should you create your own image service?
- Browsing imagery in ArcGIS Online
- Image services
- Publishing an image service
- Using image services
- Lesson review
- Review Test

### Sharing GIS analysis workflows

- Lesson introduction
- Why share geoprocessing services?
- Exploring ArcGIS Online analytical tools
- Steps to create a geoprocessing service
- Preparing and running the model
- Publishing results and choosing service options
- Using geoprocessing services
- Publishing and using a geoprocessing service
- Lesson review
- Review Test

### Putting it all together

- Lesson introduction
- ArcGIS Administrator
- Review Test