Lesson 9: Summary and Conclusion

Lesson Overview

This lesson provides a brief summary of the GIS Specialist course. After reviewing the summary, you will receive instructions for taking the course post-test.

This lesson should take approximately 5 minutes to complete.

Lesson 2: Key Points

Lesson 2 provided information about the resources and processes you will use as a GISP and reviewed the different components of the ICS organization and the GIS Unit, identified key geospatial doctrine, and identified various geospatial systems, tools, and data sources.

The objectives for this lesson were:

- Recognize how GIS supports other components in a JFO
- Identify key geospatial doctrine and materials
- Identify FEMA geospatial systems and tools
- Recognize authoritative data sources

Lesson 3: Key Points

Lesson 3 focused on the initial actions, tools, and materials necessary when getting started at the Joint Field Office. It also provided an overview of the kinds of geospatial products you will be expected to produce.

The objectives for this lesson were:

- Recognize how to check in to a Joint Field Office
- Identify how to gather information relevant to an assignment
- Identify the types of geospatial products that need to be produced during a disaster

Lesson 4: Key Points

Lesson 4 summarized the geospatial products you will be asked to produce and provided an overview of the workflow process you will follow as you produce these products. It also provided an overview of the quality assurance/quality control process used to ensure the production of high quality geospatial products.

The objectives for this lesson were:

- Identify the geospatial products commonly produced during an incident

- Recognize the geospatial product workflow process
- Recognize the quality assurance/quality control process used to ensure the quality of geospatial products

Lesson 5: Key Points

In Lesson 5, you learned how to work within a GIS Unit (GIU) including how geospatial products are compiled and analyzed and how metadata is used to document geospatial data. You also learned about dealing with the time constraints that you will encounter when working in a GIU.

The objectives for this lesson were:

- Compile geospatial data into map and data products
- Analyze data to support incident decision making
- Identify how to document data
- Identify strategies for working within time constraints

Lesson 6: Key Points

In Lesson 6, you learned how to work with sensitive data including what sensitive data includes, what markings and disclaimers are used, and how to correctly work with, share, and store products that include sensitive data. You also learned how to adhere to requirements associated with the use of copyright and licensed data.

The objectives for this lesson were:

- Recognize how to work with sensitive data

Lesson 7: Key Points

In Lesson 7, you focused on the use of remote sensing products in GIS.

The objectives for this lesson were:

- Identify remote sensing capabilities
- Recognize the steps of the remote sensing workflow process
- Use FEMA Damage Classifications to convey the severity of an incident

Lesson 8: Key Points

In Lesson 8, you learned how to transition duties to a replacement and how to check out of an incident.

The objectives for this lesson were:

- Recognize how to transition responsibilities to incoming/replacement GIS staff
- Recognize how to check out of an incident

Additional EMI Independent Study Courses

To learn more about the content covered during this course, you can take additional EMI independent study courses such as:
Introduction to GIS courses (provided by many external sources)

- EMI (E190) ArcGIS for Emergency Managers
- ESRI – Learning ArcGIS Desktop
- ESRI – HAZUS-MH online courses
- ESRI – Learning ArcGIS Spatial Analyst
- ESRI – Creating, Editing and Managing Geodatabases for ArcGIS Desktop
- ESRI – Understanding GIS Queries
- ESRI – Using Python in ArcGIS Desktop – Introduction to Python and Integration with ArcGIS Desktop
- ESRI – Basics of the Geodatabase Data Model

Online Resources

For more information, you can also log onto these websites:

- FEMA Doctrine: http://www.fema.gov/policies/
- Content Standards for Digital Geospatial Metadata: http://www.fgdc.gov/metadata/csdgm/
- GIS Dictionary: http://support.esri.com/en/knowledgebase/GISDictionary/browse/

Lesson Summary

Thank you for taking this course. After completing this lesson, you will receive instructions for completing the course test.