



**Introduction to GIS -
Geographic Information Systems**
SCAC IN COOPERATION WITH
SC ETV'S PUBLIC SERVICES NETWORK TELECONFERENCE

AGENDA:

This course has been approved for three hours of continuing education credit for Planning/Zoning Officials and employees.

9:00 a.m. – 10:15 a.m.

HISTORY AND FUNDAMENTALS OF GIS:

What is GIS, what are its origins, and how does it work? This segment will identify the components of a GIS and the evolution of the technology from the 1960s through today. Terms and fundamental concepts central to the discussion of GIS will be explained. The importance of complimentary geospatial technologies such as remote sensing and GPS will be introduced with examples of applied GIS.

10:15 a.m. – 10:30 a.m.

BREAK

10:30 a.m. – 11:30 a.m.

BUILDING AND USING GIS FOR PLANNING:

This segment will explore the sources of data for GIS and how the data is structured for various applications. Several GIS data issues will be explored to provide an understanding of the capabilities and limitations of geographic applications. Participants will learn how GIS can be used to assist in the planning process. The manner in which spatial data can be displayed and maps are generated can be invaluable tools in determining current and future growth areas and where infrastructure is best located. Practical applications will be used to demonstrate the value of this technology in planning processes.

11:30 a.m. – 11:45 a.m.

BREAK

11:45 a.m. – 12:15 p.m.

APPLYING GIS TECHNIQUES AND STANDARD PRACTICES TO GET DESIRED RESULTS:

This segment will focus on tips that can be used to ensure that the data you need is the data you get! Examples will be given of how to structure a query to net the desired results. Standard procedures and policies will also be discussed to demonstrate how GIS can be leveraged to improve planning operations while providing a superior tool for planning staff, citizens, and elected officials.

12:15 p.m. – 12:30 p.m.

QUESTIONS AND ANSWERS:

No call-in opportunities will be available for rebroadcasts.