



**Introductory Geographic Information Systems (GIS)
for Censuses and Surveys**
U.S. Census Bureau, Washington, D.C.

This workshop will present techniques for preparing geographic data for use in a census or survey through lectures, group exercises, and individual exercises. The workshop will focus on fundamental topics including digitization, file geodatabase organization, and topology. Basic automation of repetitive tasks frequently encountered during preparation of geographic data will also be covered using Python-based geoprocessing. Participants will also learn how to prepare enumerator maps using semi-automated techniques.

During the workshop, participants will work with example data based on United States geography. The goal of the workshop is to develop a clean set of geographic data and complete a series of exercises intended to demonstrate competency with creation and management of geographic data. Field data collection using mobile devices is also introduced.

Audience and Prerequisites

This is an introductory workshop designed for analysts responsible for the creation and maintenance of geographic data in a government agency, such as a National Statistics Office, or a nongovernmental organization (NGO). This workshop is best suited for analysts with little or no prior desktop GIS experience.

Date: September 14 – 25, 2015
Place: U.S. Census Bureau Headquarters
Suitland, Maryland (near Washington, D.C.)
Tuition: US \$3,000

Apply early. The workshop will be limited to 15 participants. Those who complete the application requirements will be accepted on a first-come, first-served basis. For more information e-mail ipcta@lists.census.gov.