

# **Address Subcommittee**



***January 11, 2017***

***1:00– 2:30 PM Eastern***

***U.S. Department of Transportation***

# Meeting Agenda

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## **1:00 Welcome and Meeting Goals**

- Adopt theme definition
- Review draft charter

## **1:05 Address Theme Definition**

- Review subcommittee comments
- Review and revise
- Vote on sending definition to FGDC Coordination Group

## **1:45 Address Subcommittee Charter**

- Main components
- Key issues for subcommittee consideration

## **2:15 Next Steps**

- User Requirements Workshop

## **2:30 Adjourn**

# Welcome and Meeting Goals

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## **Steve Lewis**

*GIO, U.S. Dept. of Transportation*

*Co-Theme Lead*

*Subcommittee Co-Chair (acting)*

## **Mark Lange, Ph.D.**

*Census Bureau*

*Subcommittee Co-Chair*

### **TODAY'S GOALS**

1. Adopt Theme Definition
2. Review Draft Charter

# Address Theme Definition

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## URISA Version distributed 12.16.2016

An address specifies a location by reference to a thoroughfare or landmark; or it specifies a point of postal delivery. The address theme encompasses all United States and U.S. Territory addresses, and the address reference systems that govern them. It also includes the coordinate locations, linear reference locations, and transportation network identifiers (nodes and segment identifiers) that correspond to addresses. The address theme includes address content (elements and attributes), classification, data quality measures, data exchange schemas, and address reference system elements and rules, as defined in the FGDC United States Thoroughfare, Landmark, and Postal Address Data Standard. The address theme does not include the features (parcels, buildings, etc.) whose locations may be specified by addresses. The address theme also excludes email, IP, and other computer system addresses. It also excludes the names of occupants or addressees of mail.

# Address Theme Definition

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Received 18 specific comments from subcommittee members and partners around four main themes:

- Specify that locations are geographic
- Confusion around Linear Reference Locations and Transportation Network Identifiers
- Simplify and clarify what is *not* in the Theme
- Relationship to the FGDC Address Standard

# Address Theme Definition

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Based on comments from subcommittee members and guided by an interest in keeping the definition in line with other FGDC definitions, the following revised draft is proposed by the subcommittee chairs. Note that the sentence on the geographic scope was removed in keeping with other Theme definitions:

# Address Theme Definition

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Based on comments from subcommittee members and guided by an interest in keeping the definition in line with other FGDC definitions, the following revised draft is proposed by the subcommittee chairs. Note that the sentence on the geographic scope was removed in keeping with other Theme definitions:

## **Proposed Address Theme Definition**

Addresses specify a geographic location by reference to a thoroughfare or landmark, or specifies a point of postal delivery, or both. It also includes point features such as coordinate locations in various coordinate systems. The address theme does not include the features (parcels, building footprints, occupants, addressees, etc.) whose locations may be specified by an address, but may include linkages to these in other theme datasets.

# Address Theme Definition

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**Alternate I** (from NSGIC via Dan Ross, MN GIO 1/9/2017):

An address specifies the data elements and metadata used to specify a location with reference to a thoroughfare or a landmark and provides its coordinates; it may correspond to a point of postal delivery. The address theme encompasses all United States and U.S. Territory addresses, and the address reference systems that govern them.

“Overall a shorter and more clear statement seems to be preferred over long and detailed statement.”

“In the shorter definition above ***data elements*** are key words that could represent or cover the elements in the longer definition - reference systems, coordinate locations, linear reference locations, transportation network identifiers, address content (elements and attributes), classification, quality measures, data exchange schemas, and address reference systems elements. These additional elements could be included as additional or background information in the scope of the charter, a reference document (much like cadastral), standard or a strategic plan.”

# Address Theme Definition

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## **Alternate II** (from URISA via Martha Wells, 1/10/2017):

An address specifies a location by reference to a thoroughfare or landmark, or it specifies a point of postal delivery. The address theme encompasses all addresses in the United States (including the fifty states, District of Columbia, and all territories and possessions)) and the address reference systems that govern them. It also includes the coordinate locations, linear reference locations and transportation network identifiers (node and segment identifiers) that correspond to addresses. The address theme includes address data content (elements and attributes), address classifications, address data quality measures, and address data exchange schemas, and address reference system elements as defined and described in the FGDC United States Thoroughfare, Landmark and Postal Address Data Standard. The scope of the address theme excludes:

1. the features (parcels, buildings, infrastructure) whose locations may be specified by addresses;
2. the names of any occupants or addressees who may use an address; and
3. email, IP and other computer system addresses.

# Address Theme Definition

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## Alternate II

### Comments From URISA Address Standard Working Group

1. The first sentence is a direct quote from the FGDC Standard, and avoids the use of a similar but different definition. “Thoroughfare” is used because it has a broader meaning than either “road” or “street”.
2. The inclusion of a specific reference to the address reference systems is essential. Without a systematic logical framework, addresses cannot be tested to ensure quality, nor can new addresses be assigned consistently.
3. Linking of addresses to several types of geographic reference systems (coordinate, linear, transportation) is desirable due to the presence of all of these types in existing address data.
4. It is important to note that the address theme should encompass the address data, as well as the address assignment process, address user requirements and maintenance workflows. The inclusion of the address reference systems and the quality measures is critical to all of these activities.

# Address Theme Definition

## Vote to Send Revised Theme Definition to the FGDC Coordination Group

Department and Agency	YES	NO
Department of Commerce, Census Bureau		
Department of Commerce, National Technical Information Service		
Consumer Financial Protection Bureau		
Department of Education		
Department of Energy		
Department of Homeland Security		
Department of Housing and Urban Development		
Department of the Interior		
Department of Justice		
Department of Labor		
Office of Management and Budget		
U.S. Postal Service		
Department of Transportation		
Department of Veterans Affairs		
Social Security Administration		
Other?		

# Address Subcommittee Charter

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## FGDC CHARTER COMPONENTS

- Background
- **Purpose**
- Authorities
- **Scope**
- **Objectives**
- Lead Agencies
- Membership
- Chairpersons
- **Subgroups**
- Procedures
- Reports

# Address Subcommittee Charter

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## PURPOSE

This Charter establishes the Federal Geographic Data Committee (FGDC) Address Subcommittee with the purpose of developing and promoting a national strategy to identify, prioritize, implement, coordinate, manage, and provide oversight of activities required to access or acquire and make freely available the most accurate spatially referenced national address data available in partnership with tribal, state, local, non-profit, and private organizations. The Address Subcommittee is accountable to the FGDC Steering Committee and provides recommendations to the FGDC Coordination Group.

# Address Subcommittee Charter

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## SCOPE

The Address Subcommittee scope of responsibilities includes the following:

- **Advise the Address Theme leads** on the creation, management, and maintenance of the Address Theme.
- **Establish a governance process** for the Address Theme.
- **Create partnerships** with tribal, federal, state, and local governments and private organizations.
- **Facilitate the availability of, and public access to,** national address data and associated metadata from distributed databases. **Investigate, evaluate, promote, and implement** new technologies to improve data acquisition, address accuracy, geocoding, and database maintenance.
- **Support coordination and standards goals,** and objectives established by federal, national, and international standards organizations such as the FGDC, the National Spatial Data Infrastructure (NDSI), American National Standards Institute (ANSI), and the International Organization of Standardization (ISO).

# Address Subcommittee Charter

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## OBJECTIVES

The primary objective of the Address Subcommittee is to **support the National Spatial Data Infrastructure through coordination** among tribal, federal, state, and local programs and interested commercial vendors to **make spatially referenced national address data freely available**.

Other objectives include:

- Develop and promote a **national strategy** to access or acquire the best address data available.
- Collect **user requirements** for the Address Theme.
- Support and **advise the Theme Lead, national data set managers, and data stewards**, to develop and maintain the Address Theme covering all 50 states, Puerto Rico, the Virgin Islands, and all other U.S. territories and possessions.
- Support the **maintenance of the Address Theme** and associated metadata. Maintain all address data in the public domain.
- **Investigate** the accessibility, accuracy, integration, and application of data collection from **emerging technologies**.
- **Coordinate** tribal, federal, state, local, and private sector address requirements through federal liaisons and state GIS councils/committees or the equivalent.
- Facilitate the implementation and compliance with **Federal standards, policies, and protocols** as they apply to acquisition, management, development, and maintenance of address data.
- Facilitate an **Address Theme Governance Board** that recommends to the Subcommittee actions and guidance on creating and maintaining the Address Theme to meet national requirements.
- Be aware of tribal, federal, state, and local **emergency operations requirements** for data processing and distribution capabilities to assure and facilitate data use when needed.

# Address Subcommittee Charter

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## SUBGROUPS

The Subcommittee may create subgroups at the discretion of the Subcommittee Co-chairs to carry out its activities and meet its responsibilities. The establishment of subgroups of more than 12 months duration and the abolishment of any such subgroup requires the approval of the FGDC Coordination Committee. Participation in these groups may be drawn from both Member and Partners, but only Members may vote on Subgroup decision-making.

# Next Steps

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## ❖ Next Subcommittee Meeting

- ❖ February 8, 2017, 1-2:30 pm Eastern at Census HQ
- ❖ Discuss and Adopt Subcommittee Charter

## ❖ Address User Requirements Workshop

- ❖ February 21, 2017
- ❖ DOT, Washington, DC

# Thank You

**NEXT MEETING: Wednesday, February 8<sup>th</sup>**  
**1:00-2:30 pm Eastern**  
**Census HQ, Suitland, MD**



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