

2008 GIS Data Discovery Workshop

The Florida Geographic Data Library FGDL & ETDM

University of Florida
GeoPlan Center

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Agencies Participating in the ETDM Process

More than 30 state, federal, and local agencies and tribal governments

Federal Highway Administration (FHWA)

Federal Transit Agency (FTA)

US Army Corp of Engineers (USACE)

US Coast Guard (USCG)

US Environmental Protection Agency (USEPA)

USDA Natural Resources Conservation Service

US Fish & Wildlife Service (USFWS)

US Forest Service (USFS)

National Marine Fisheries Service (NMFS)

National Park Service (NPS)

Seminole Tribe

Miccosukee Tribe

Florida County Governments

Florida's Regional Planning Councils (RPCs)

26 Metropolitan Planning Organizations (MPOs)

Florida Department of Environmental Protection (FDEP)

Florida Department of Community Affairs (DCA)

Florida Department of Transportation (FDOT)

Florida Department of State (FDOS)

FL Department of Agriculture and Consumer Services (FDACS)

Florida Fish and Wildlife Conservation Commission (FFWCC)

Northwest Florida Water Management District (NFWMD)

South Florida Water Management District (SFWMD)

Southwest Florida Water Management District (SWFWMD)

St. Johns River Water Management District (SJRWMD)

Suwannee River Water Management District (SRWMD)

Welcome to the GeoPlan Center

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The Florida
Geographic
Data Library



Florida
Trails
Database



FDOT Projects at
GeoPlan Center



www.geoplan.ufl.edu

Florida Geographic Data Library

The **Florida Geographic Data Library (FGDL)** is a mechanism for distributing spatial (GIS) data throughout the state of Florida. The FGDL is warehoused and maintained at the University of Florida's GeoPlan Center, a GIS Research & Teaching Facility.

Currently, there are over 350 current and historic GIS layers in the FGDL, from over 35 local, state, federal, and private agencies. FGDL includes data on Land Use/ Land Cover, Hydrography, Soils, Transportation, Boundaries, Environmental Quality, Conservation, Census, and more. FGDL contains primarily vector GIS data layers.

Data is available for download free of charge from the [FGDL METADATA EXPLORER](#) or our [FTP site](#). New data layers are continuously added to the FGDL Metadata Explorer as they become available. Data is also available for purchase on [CD-ROM/DVD](#). FGDL data included on CDROMs/DVDs are released as Versions. The current release is FGDL Version 2006. Annual versions of FGDL data are released each spring, with versions dated as the year prior. For example, in March 2008, FGDL Version 2007 will be released - a culmination of all data gathered in 2007.

For imagery and raster data, such as DOQQs and DRGs, please see [LABINS](#).

The FGDL supports the [National Spatial Data Infrastructure \(NSDI\)](#) through the following activities:

- Maintenance of Federal Geographic Data Committee (FGDC) compliant metadata for all data layers distributed.
- Maintenance of the FGDL Metadata Explorer, a GIS Catalog Portal, from which data can be shared, accessed, and searched by other portals and individuals free of charge.
- Participation in the [Geospatial One Stop \(GOS\)/ geodata.gov](#), with FGDL metadata records regularly harvested by GOS.
- Participation as a Clearinghouse Node in the [FGDC's Clearinghouse Registry](#).

[Search / Download /
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[Metadata](#)

[Software](#)

[Acknowledgements](#)

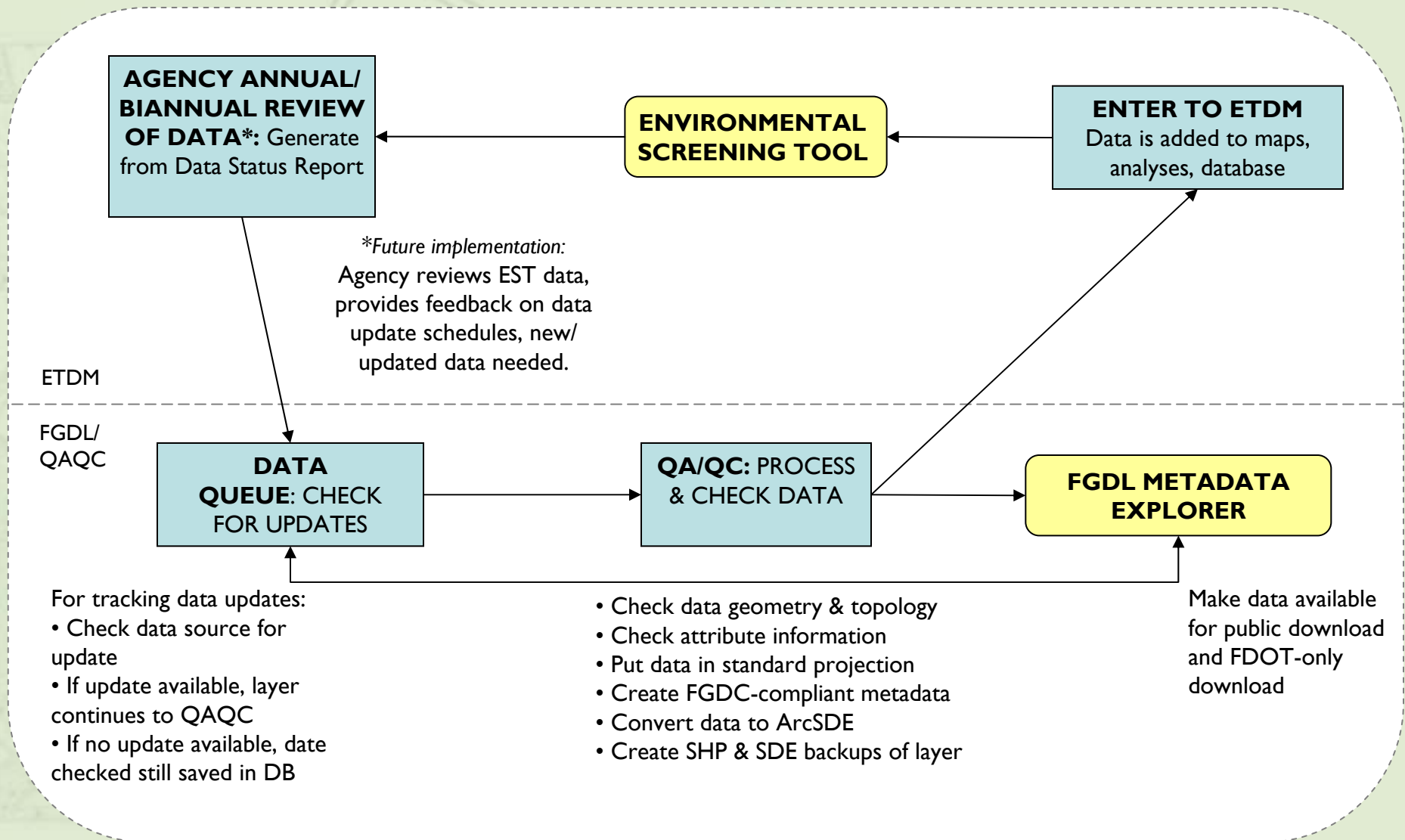
[FGDL Tools](#)

[Sitemap](#)

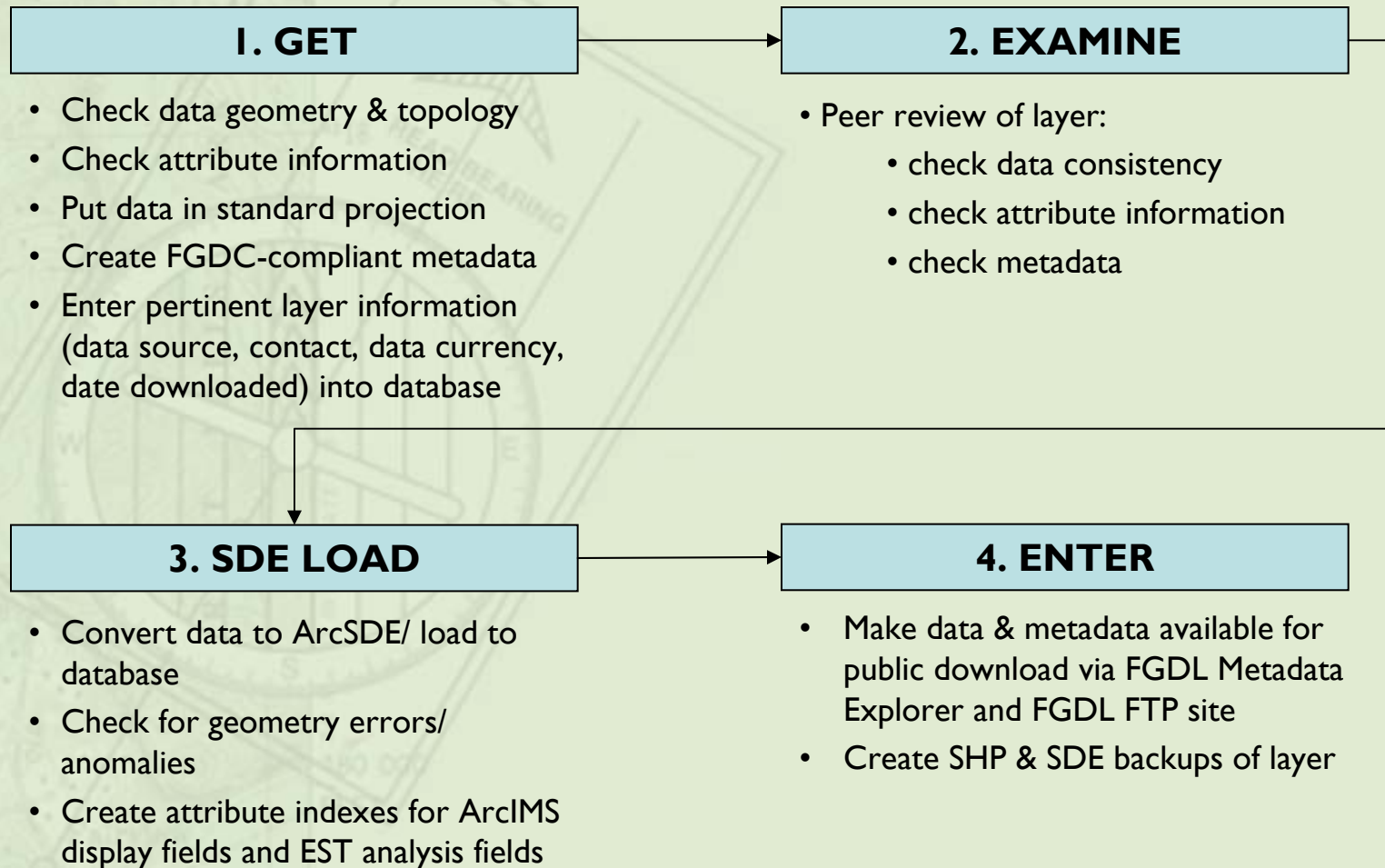


www.fgdl.org

OVERVIEW OF QAQC & DATABASE TRACKING PROCESS FOR FGDL & ETDM GIS DATA LAYERS



QAQC PROCESS FOR FGDL & ETDM GIS DATA LAYERS



GeoPlan: GeoCoded Data Layers

- Schools (7781 records)
- Fire Stations (2023 records)
- Police Stations (1103 records)
- Correctional Facilities (264 records)
- Civic Centers (1842 records)
- Cultural Centers (4829 records)
- Community Centers (~9000 records)
- Government Buildings
- Health/Hospitals
- Gas Stations
- Mobile Home Parks

GeoPlan: Parcels and Parcel Derived Layers

- Statewide Parcel Coverage 2002-2007
 - Parcel Derived Layers:
 - Statewide Generalized Land Use based on 67 standardized FDOR 12D8 tables where 99 UCOLD values are dissolved and broken down to 16 land use categories (2004-2007).
 - City Limits based on TAXAUTHCD (2005-2007).
 - Generalized Actual Year Built by Decade.
 - SCE Layers (i.e. Parcel Derived; Schools, Parks, Health, etc) (2005-2007).

FGDL Custom ArcPAD Applications

- ArcPad applications have been developed to help facilitate GeoCoded layers spatial and attribute data verification.
- Verified GeoCoded data has already been received for two FDOT (2 & 5) Districts.

Please Note: ArcPad Applications are publicly available for download via FGDL.

FEMA: Federal Emergency Management Agency Data

- **FEMA 1996** (56 Counties Exist)
 - **CEMMGT** (COASTAL EMERGENCY MANAGEMENT FLOOD DATA)
 - **COBRAS** (SPATIAL EXTENT OF THE COASTAL BARRIER RESOURCE SYSTEM)
 - **FEMA96** (FEMA FLOOD INSURANCE RATE MAPS 1996)
- **DFIRM** (20 Counties as of April 2008)
 - **BFE** (BASE FLOOD ELEVATION (BFE) LINES OF THE DIGITAL FLOOD INSURANCE RATE MAP)
 - **CBRS** (SPATIAL EXTENT OF THE COASTAL BARRIER RESOURCE SYSTEM)
 - **FLDHAZ** (FLOOD HAZARD ZONES OF THE DIGITAL FLOOD INSURANCE RATE MAP)

United States National Grid (USNG)

- The USNG is an alpha-numeric reference system based on the UTM coordinate system and is similar to the Military Grid Reference System. Use of the USNG ensures a uniform grid mapping and positional reporting system for search and rescue, emergency planning, response, and recovery. How to Read a United States National Grid (USNG) Spatial Address Website - http://www.fgdc.gov/usng/how-to-read-usng/index_html
- USNG Grids Available for download (100K, 10K, 1k, 100m) – Albers, UTM16, UTM17
- GeoCoded and other point location layers are being updated with the 1-kilometer United States National Grid (USNG) address.