



# Fort Sill and IGI&S

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# Topics

- Management Structure
- GIO's Mission
- Fort Sill Daily Mission
- Fort Sill's Strategic Plan





## The “GIO”

- Oversee all Garrison Installation Geospatial Information and Services (IGI&S) activities
- Identify Requirements and report to IMCOM W
- Integrate development and use of Garrison IGI&S data and systems within the Garrison to the maximum benefit to the Army
- Identify and Provide appropriate source data for development of data
- Organize Garrison IGI&S activities



## **Actions Taken to Make GIS better at Fort Sill**

- To allow the Garrison to function and make strategic planning decisions
- Maintain and update the SDE Server and 400+ features
- Participate in Army Environmental Command data collection taskers for Army Mapper
- Incorporate Active Duty Units with GIS capability in the Garrison GIS Users Group
- Collaboration with the City of Lawton and Cameron University
- Data exchange with sister agencies and other interested parties



## Fort Sill Interactive Actions

- Wilson Contract
- BRAC
- Installation based Army Mapper
- Strategic Planning/Installation Planning Board (IPB)



# Infrastructure

The KAYA contract and usable accessible database





# GIS Utilization

## Situational Awareness

- Cost Estimates
- Planning
- Business Integration
- Spatial Analysis
- Installation Status Report: Infrastructure, Natural, Services
- Common Levels of Support
- Stationing Actions
- Long Range / Short Range Planning
- Sustainability





# Benefits of IGI&S

Faster, Cheaper, Better Geographic decision support than paper maps for a broader set of business processes including:

- Master Planning
- Environmental Management System/ISO 14,001
- Range Management
- Public Works Management
- Force Protection
- Unit Stationing
- Emergency Response
- Planning
- Floorplan Drawings
- Proximity Analysis
- Visualization





https://gisdev.hqda.pentagon.mil - Army Web Map Viewer - Beta Release - Microsoft Internet Explorer

**WebMapViewer** ArmyMapper  
U.S. Army Installation Geospatial Information & Services

**FORT BLISS (UTM)**

Submit Feedback Help  
Office of the Assistant Chief of Staff for Installation Management

**Map Contents**

- ☒ Common Installation Picture
- ☒ Basemap Layers
- ☒ ESRI\_BoundariesPlaces\_World
- ☒ I3\_Imagery\_Prime\_World\_2D
- ☒ USA 1m Imagery Metadata

**Building Query Tool**

**Results**

**Result Details**

**FORT BLISS**

Map Scale = 1:53,649

Internet





# Army Mapper Benefits

- Funded by ACSIM (Asst Chief of Staff Installation Mangt)
  - GIS capability for Army community at low to no cost
  - Centrally funded and managed hardware and software
  - Create and edit GIS and CADD data
  - Provide basic map capability (like “Map Quest”)
- Fort Sills participation
- Central system accreditation and certification
- Security provided (AKO and CAC)
- Data backed up and archived
- Data standardized
- Shared tools
- End User
  - PT paths



## Comments

- Fort Sill's IGI&S has grown in the past 2-4 years into a tool used by all disciplines
- Fort Sill still has growth, education, collaborations, outside networking, and program sustainment to work towards
- This meeting is a step forward to that outside networking
- Developing Internships



# Questions

**What analysis do you perform that can be done using GIS?**

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**END OF BRIEF**

# **INSTALLATION MANAGEMENT COMMAND**



***“Sustain, Support and Defend”***