Geospatial Engineering

- Analyze the terrain
- Support all warfighting functions
- Facilitate commander's understanding of the OE
- Essential part of the Army's modernization strategy
- Engineer development opportunities (GEO-DP)

Command & Control
- Command
- Leadership
- Information
- Control

ADP 6-0 *Mission Command* (JUL19)

Movement & Maneuver
- Move
- Maneuver
- Employ direct fires
- Occupy an area
- Conduct mobility and countermobility
- Conduct reconnaissance and surveillance
- Employ battlefield obscuration

ADP 3-0 *Operations* (JUL19)

Intelligence
- Intelligence synchronization
- Intelligence operations
- Intelligence PED
- Intelligence analysis

ADP 2-0 *Intelligence* (JUL19)

MDMP & COP Foundation

IPB

OAKOC

Spatial Data Science

Geospatial Engineering Functions
GENERATE
- Generate Geospatial Information
- Map/Chart Production
- Geodetic Survey

MANAGE
- Geospatial Info Management
- Geospatial Database Management

ANALYZE
- Derive Geospatial Knowledge
- Terrain Analysis
- GeoStatistics
- Geospatial Data Manipulation

DISSEMINATE
- Terrain Visualization
- Provide Hard/Soft-copy Geospatial Products
- User-based GI&S Applications
- Employ GI&S Web Services

ATP 3-34.80 *Geospatial Engineering* (FEB17)

Positioning, Precision Target Discrimination & CDE

Force Protection & DSCA

Lines of Communication & Site Suitability

Protection
- Survivability
- Security
- Protection
- CBRN
- EOD
- Personnel Recovery
- Detention Operations
- Risk Management

ADP 3-37 *Protection* (JUL19)

Fires
- Fires support
- Targeting
- Air and Missile Defense
- Collateral Damage Estimate

ADP 3-19 *Fires* (JUL19)

Sustainment
- Logistics
- Financial Management
- Personnel Service
- Health Service Support

ADP 4-0 *Sustainment* (JUL19)