AGC MISSION

The mission of the U.S. Army Corps of Engineers, Army Geospatial Center (AGC) is to coordinate, integrate, and synchronize geospatial information requirements and standards across the Army, develop and field geospatial enterprise enabled system and capabilities to the Army and the Department of Defense, and to provide direct geospatial support and products to Warfighters.

The OSD Human Social Culture Behavior Modeling (HSCB) Program

The HSCB Modeling program was created to help fill the gap in our military's socio-cultural understanding. Current and future military operations require that warfighters better understand the social and cultural terrain and the drivers of human behavior. To achieve that end, the DoD is funding research and technology development in both the private and public sectors in a varied set of social and applied sciences including anthropology, sociology, linguistics, political science, theology, economics, history, criminology, psychology, cognitive sciences, genetics, mathematics, statistics, and neuroscience.

Contact:
agc-hscb@usace.army.mil

US Army Geospatial Center
7701 Telegraph Road
Alexandria, VA 22301
http://www.agc.army.mil

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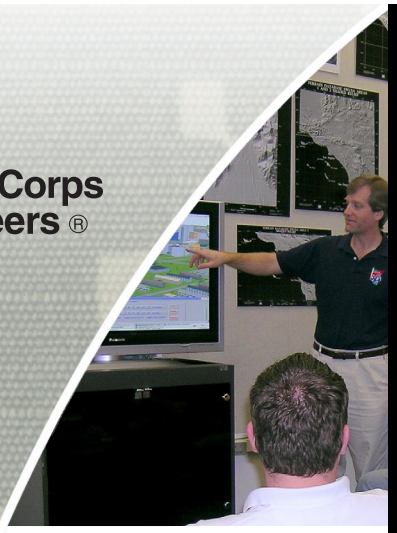

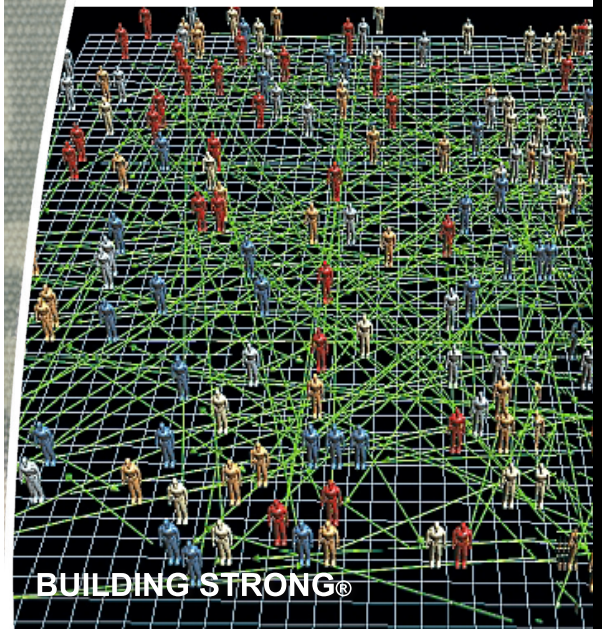

BUILDING STRONG®

Army Geospatial Center - OSD HSCB Modeling Program

The Army Geospatial Center is a Major Subordinate Command (Center) of the Corps of Engineers, supporting the Army, Department of Defense, and the Nation:

- *Executes policy & implement standards;* monitors emerging technologies; validates Army Geospatial Enterprise technical solutions
- *Serves as an Army Knowledge Center of Excellence* for Geospatial expertise, providing direct support to Army units (geospatial data production, analysis & reachback)
- *Conducts RDTE* aimed at increasing the agility of Battle Command through characterization and application of geospatial data & information
- *Provides technical, acquisition integration and logistical support* for Army select Programs of Record and transitional technical capabilities under Army & Joint Capability Technology Demonstrations. Builds & maintains the Army Geospatial Logical Data Model

HSCB Modeling Program Objectives

- Growing an applied science base for general-use, cross-domain capabilities/ tools to support and facilitate the development of HSCB applications. This includes research in the areas of quantitative methods for social and cultural data collection and analysis, theory development, and analytic methodologies
- Developing computational modeling capabilities, visualization software toolsets, and training/mission rehearsal systems that will provide capabilities for forecasting human terrain responses at the strategic, operational and tactical levels
- Integrating computational models into software tools that assist decision makers (intelligence analysts, operations analysts, operations planners, and wargamers) in considering human terrain factors
- Maturing, testing, and validating software that model HSCB influences for integration into the architectures of existing programs of record, or maturing software via open architectures to allow broad systems integration

AGC Support to the HSCB Program

Within the HSCB program, AGC serves on the HSCB Integrated Product Team as one of the core program managers. AGC fulfills its geospatial mission and supports the HSCB program by:

- Managing transition of HSCB capabilities to Programs of Record and Operational Users
- Conducting Technical Performance Evaluations of HSCB capabilities: systematic, rigorous assessments designed to measure progress toward achieving programmatic objectives Managing operational deployments and joint experimentation of HSCB capabilities
- Demonstrating HSCB capabilities and concepts in mobile and lab settings