

# CENSUS SCIENTIFIC ADVISORY COMMITTEE WORKING GROUP GUIDELINES

## Census Enterprise Data Collection and Processing Systems (CEDCaP) and Reorganized Census with Integrated Technology (ROCKIT)

### **Purpose**

The Working Group (group) will serve in an advisory and oversight capacity for the U.S. Census Bureau's (Census Bureau) mission critical CEDCaP program and ROCKIT project and the interdivisional teams established to implement both the program and project. The group will provide scientific and technical expertise from the following disciplines: architecture, system design and development, large scale systems engineering, logistics, service-oriented architecture, cloud computing, application programming interfaces, web services, other fields of expertise, as appropriate, to address Census Bureau program needs and objectives.

### **Working Group Focus**

The group will focus on the following specific technical aspects of the CEDCaP program and ROCKIT project:

- a. Optimization, solver and routing
- b. Performance and scalability of certain systems
- c. Architecture and Infrastructure
- d. Integration and Testing

Additionally, the group will provide review and feedback on selected working papers, reports, or other documents related to the CEDCaP program and ROCKIT project that will be made available to the public.

### **Working Group Meetings and Members**

- Working Group meetings will be held once a month.
- Membership in the group will consist of 3-6 Scientific Advisory Committee (CSAC) members and others from outside CSAC (e.g. specialists in IT infrastructure) who would be interested in supporting this effort.

### **Working Group Deliverables**

- A work plan that details the Working Group's activities
- Findings and report

### **CSAC Members**

- Mr. Jack Levis, Senior Director of Process Management, United Parcel Service.
- Dr. Daniel Atkins, W.K. Kellogg Professor of Community Information and Professor of Information and Electrical Engineering and Computer Science, University of Michigan.
- Mr. Jack Dangermond, President, Environmental Systems Research Institute (ESRI).

### **Census Bureau Staffing/Subject Matter Experts**

- Stephanie Studds, Chief, Office of Innovation and Implementation

## **CENSUS SCIENTIFIC ADVISORY COMMITTEE WORKING GROUP GUIDELINES**

- Amanda Williams, CEDCaP Program Manager
- Anthony Galloway, CEDCaP Chief Architect
- Eric Charles, CEDCaP Chief Engineer
- Alessandro Ferrucci, System Engineer for MOJO