

## ABSTRACT

### **The POPGRID Data Collaborative: Advancing the Use and Impact of Population and Infrastructure Data In Support of the Sustainable Development Goals**

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Spatially-accurate and up-to-date population and settlement data are widely used in planning and decision making in both the public and private sectors to improve the effectiveness and efficiency of decisions, to monitor impacts, and to identify those who might otherwise be left behind. Such data can help improve access to public and private services, increase the sustainability of natural resources, and facilitate progress towards meeting the Sustainable Development Goals (SDGs).

The POPGRID Data Collaborative brings together and expands the international community of data providers, users, and sponsors concerned with georeferenced data on population, human settlements and infrastructure. It promotes cooperation in producing and harmonizing high quality data products and services needed by a range of scientific and applied users. POPGRID seeks to improve data access, timeliness, consistency, and utility; support data use and interpretation; identify and address pressing user needs; reduce duplication and user confusion; and encourage innovation and cross-disciplinary use. The collaborative brings expertise and perspectives from diverse disciplines and sectors, and from government, academia, private industry, and nongovernmental organizations.

#### Current POPGRID Participants:

CIESIN (POPGRID coordinator), City University of New York (CUNY) Institute for Demographic Research (CIDR), ESRI, European Commission's Joint Research Center (JRC), Facebook Connectivity Lab and Internet.org, German Aerospace Center (DLR), ImageCat, Inc., Oak Ridge National Laboratory (ORNL), U.S. Census Bureau, The WorldPop Project, Bill & Melinda Gates Foundation, Google Earth Engine, United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM), United Nations Population Division, United Nations Population Fund (UNFPA), The World Bank