

Chelsea Del Grande

Experience

OCT 2019
CURRENT

U.S. Agency for International Development, Washington, DC (Freedom Consulting)

GEOSPATIAL ANALYST, MIDDLE EAST BUREAU (MEB)

Leads the MEB's geospatial capacity by managing field data collection, and back and front end data processing. Utilizes data collected to develop pdf and web maps/geospatial analysis to determine USAID areas of impact, and how to pivot programming to meet the needs of vulnerable populations.

- Develops pdf/web maps and interactive dashboards for 10 MEB Missions abroad for Ambassador briefs, impact assessments, and interagency collaboration efforts.
- Advocates for bureau wide GIS collection by communicating value of locating programs, and producing meaningful monitoring and evaluation outcomes.
- Implements GIS collection by drafting contract language requirements and collection templates, and providing technical expertise in GIS collection platforms (xlxs, Google Sheets, ArcGIS Collector, Survey123, ODK etc).
- Uses analytic hierarchy process to produce country development strategies with a geospatial lens. Convenes MEB stakeholders to weight GIS datasets (socioeconomic, environmental, democratic trends) for processing vulnerability indices. Indices rank administrative units by impact needs and informs USG country interventions.
- Maintains MEB GIS data repository through source acquisition and automated cleaning processes.

U.S. Census Bureau, Washington, DC

GEOGRAPHER, GEOGRAPHIC SUPPORT BRANCH

Managed non-response operations for six regional bureaus, developed automated processes for Oracle reporting, and bulk delineation QA/QC, and drafted technical requirements/procedures for lifecycle GIS project replication.

- Developed Post Enumeration Survey delineations for the 2020 Census to balance hiring workloads across the country.
- Produced Director level maps to highlight hiring status for field workers across the country.
- Assisted with New Construction project planning, technical training, and automated Oracle reporting on response rates.

American Medical Association, Washington, DC

PROGRAM ASSISTANT, ENVIRONMENTAL INTELLIGENCE

Tracked environmental intelligence projects and operations by outlining workflows, deadlines and deliverables in project management platforms.

U.S. House of Representatives, Washington, DC

STAFF ASSISTANT, REP. KAREN BASS

Developed briefs, drafted legislative correspondence, and facilitated monthly foreign policy events for promoting democracy and capacity building in Africa.

AUG 2018
OCT 2019

AUG 2015 - NOV 2016
AUG 2016 - AUG 2018

CONTACT

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Washington, DC

EDUCATION

SEPTEMBER 2017 - MAY 2019

Master's: Geospatial Information Science
University of Maryland

SEPTEMBER 2011 - MAY 2015

Bachelor's: Geography, Middle East
Studies, International Relations

Minor: Arabic

Awards: Middle East Scholarship

University of Arkansas

SPECIALIZATIONS

Applied Data Science with Python (Coursera)

Python for Everybody (Coursera)

PRODUCT SKILLS

Esri (ArcMap, ArcGIS Pro,
ArcGIS Enterprise, AGOL, FME)



Open Source GIS (Mapbox,
Leaflet, TurfJS, D3JS, QGIS)



Biz/Stat Software (Tableau)



Spatial Database Systems
(Oracle, pgAdmin/PostGIS)



Cartography Products (Adobe:
Illustrator, InDesign, Stock)



PROGRAMMING LANGUAGES

