

SOCIAT Mapping

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Data Flow

▶ Download survey
from Qualtrics into
SPSS

▶ Data cleaning,
transformation and
standardising

▶ Import data into
mapping software

Data Download, Preparation and Cleaning

- ▶ Qualtrics into SPSS
- ▶ **Considerations:**
 - ▶ **Data may not have been standardised**
 - ▶ question order, variable names and location names may be different
 - ▶ **Missing values may be treated differently**
 - ▶ omitted, 0s, 99s. Code may mean different things. There is a need to consult the original survey
 - ▶ **Analyse “Address” variable to check that there is standardisation**
 - ▶ Hand written answers (data entry)
 - ▶ Translations
 - ▶ Colloquial names/matching names
- ▶ **Solutions:**
 - ▶ **Use recode function in SPSS to reclassify numeric values**
 - ▶ Usually, for GIS, need to remove values that won't be used i.e 99s - 0s are ok
 - ▶ **Address data either standardised manually or managed in excel**

Importing and Visualising Data

- ▶ Once data cleaning is complete
 - ▶ Export data to CSV
 - ▶ Use geocoder (such as google sheets extension “AwesomeTable”) to geolocate addresses
- ▶ Import data into ArcGIS software
 - ▶ Establish folder connections
 - ▶ Import file
 - ▶ Use coordinates to create a point layer
- ▶ Download National Park shapefile from Protected Planet;
 - ▶ <https://www.protectedplanet.net/en>
 - ▶ Unzip compressed data and import into ArcGIS software

