National Structure Inventory (NSI) Data

* Data was downloaded from [NSI download tool](https://www.hec.usace.army.mil/confluence/nsi/userguides/download-tool)
* Downloaded on 2024-08-22
* Only download option was to get all of California
* Raw data lives in Infrastructure group SharePoint folder in data-raw
* More information about the data in the [Attribute Guide](https://www.hec.usace.army.mil/confluence/nsi/userguides/survey-tool/attribute-guide#AttributeGuide-NumberofStories)

Rationale for using this data:

* According to Daya, this is a more recent survey than the previously suggested Structure Inventory data.

What we will do with the data:

* The first step will be to crop the data to our area of interest using the bounding box of the levee polygons.
* For each type of structure Daya will provide a monetary value updated to dollar values for 2024.
* We will use this values to calculate monetary loss on structure if an island is fully flooded.