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GEOPLATFORM.gov — Federal Geographic Data Committee fgdc

SHERPA

American Red Cross

FEMA — U.S. Department of Homeland Security

**The National Shelter System** — Shelter Information Management
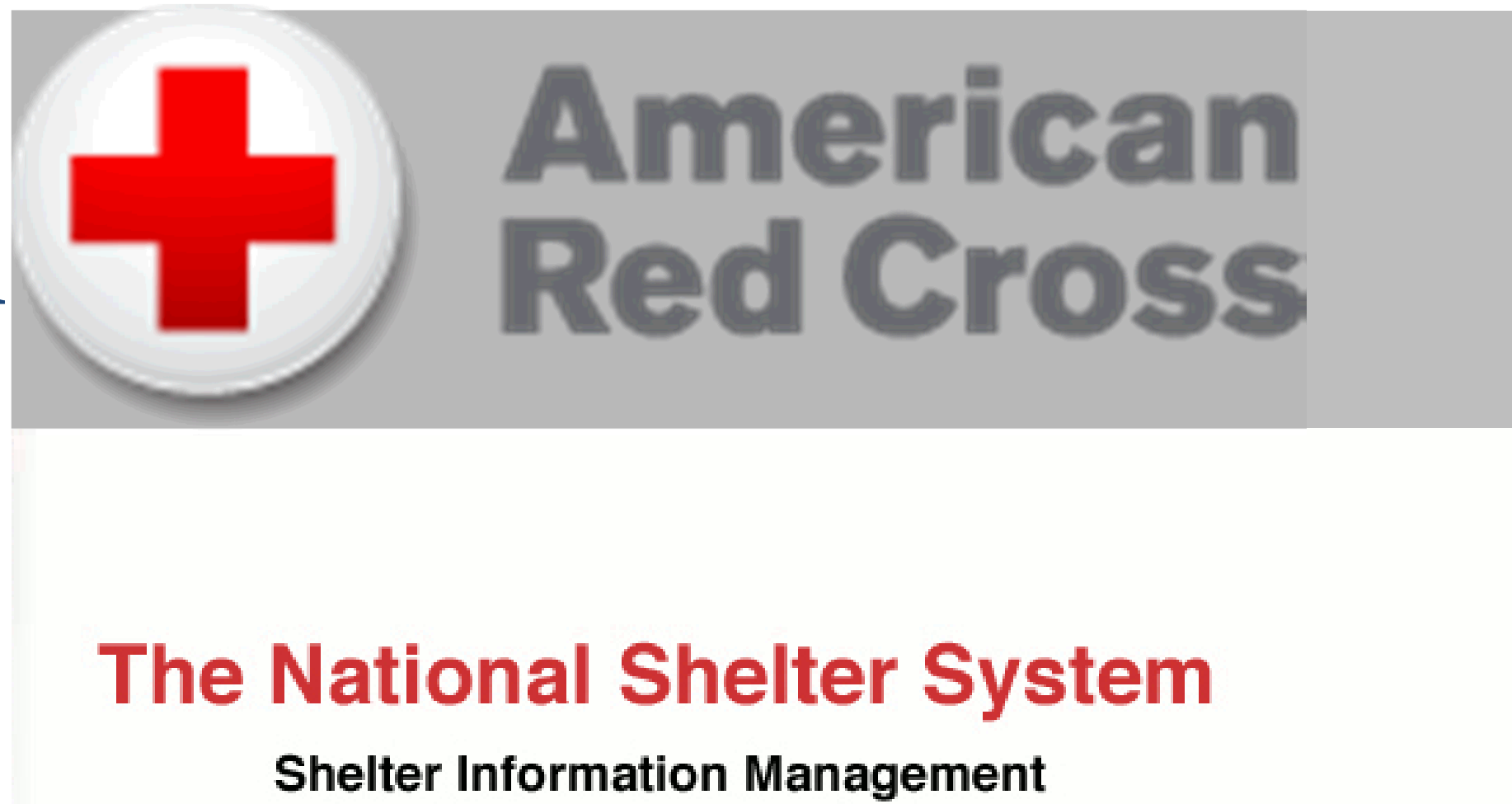
# Data Import and Export for Emergency Preparedness Collaborations

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## Sharing Public GIS Data on FEMA GeoPlatform

## Provision and Integration of National Shelter System Data

### Introduction

Both FEMA GeoPlatform and the National Shelter System are web-based data sources being integrated into a the Standard Unified Modeling, Mapping and Integration Toolkit for Homeland Emergency Response, Planning, & Analysis (SHERPA) capability. SHERPA is a modeling and simulation software that allows emergency responders and decision makers access to models and simulation output for operational response.
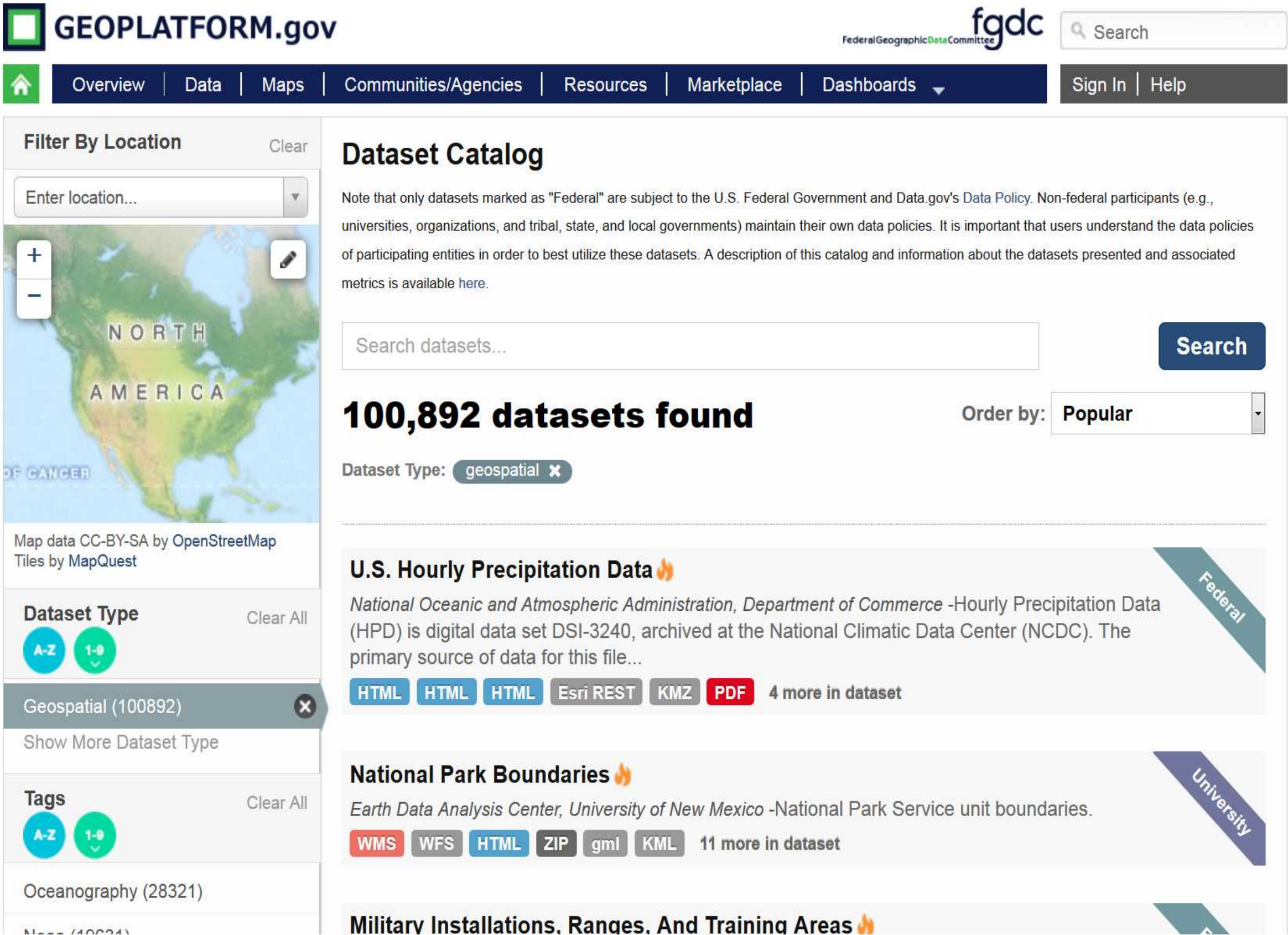
### The Objectives

My project with GeoPlatform is to find a way to display geospatial data from SHERPA output onto the GeoPlatform so as to find an alternate to the current Google Earth Plugin, which is being deprecated by Google.

My project with the National Shelter System (NSS) is to write a model wrapper to encapsulate the real-time data and integrate it into SHERPA.

### The Plan

The plan is to generate metadata that conforms to the required ISO standard and upload the open data sets via the data.gov 'harvester'.

The plan is to find the best input (region, state, zip code) for the NSS model. Once the input type is decided the model can be written to integrate NSS into SHERPA.

Sensitive data has been erased

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