

# SCI-WMS: Python Based Web Mapping Service For Visualizing Geospatial Data

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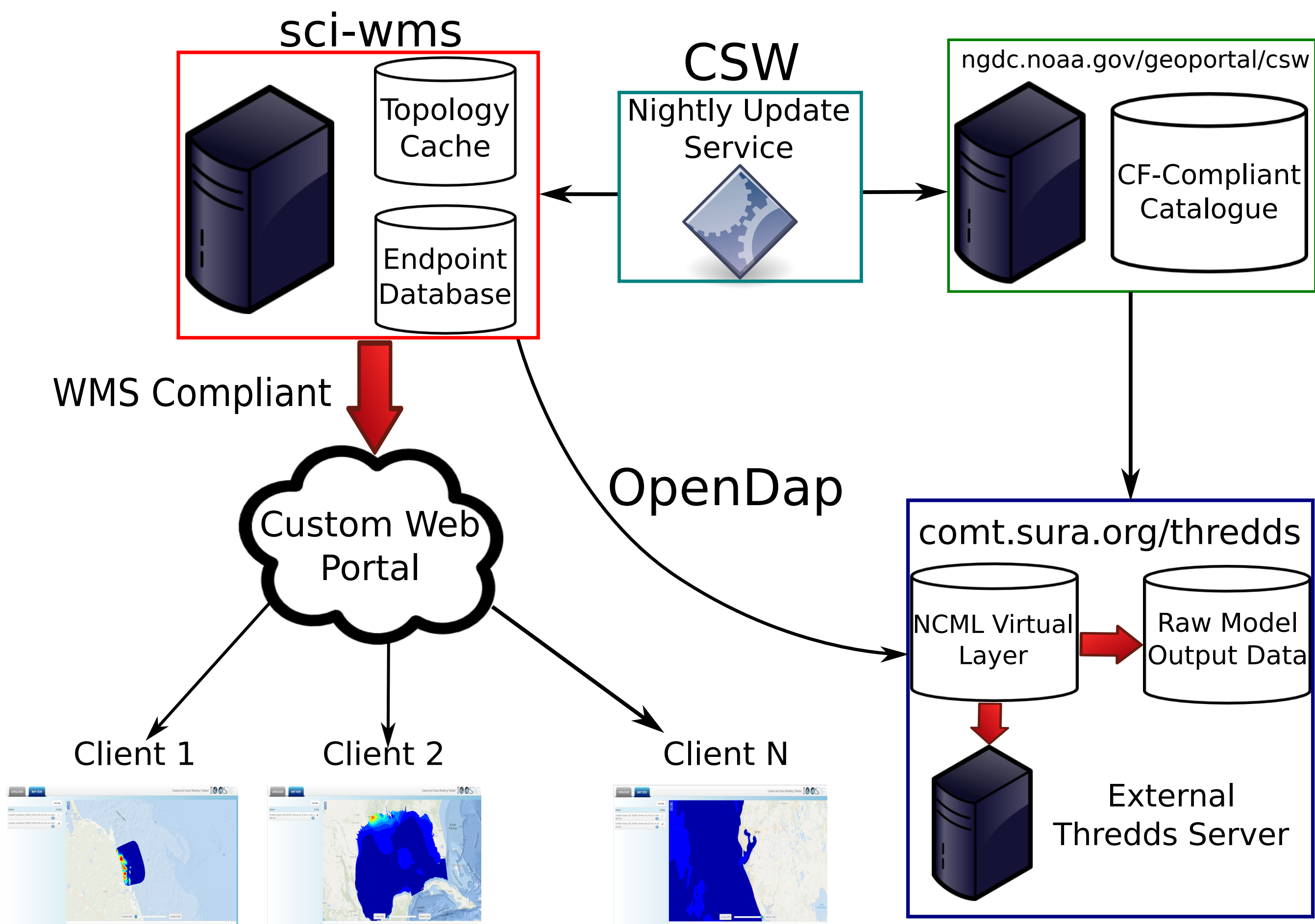
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## Introduction

SCI-WMS is an open-source python implementation of the OGC WMS service for qualitatively assessing society-critical atmospheric and oceanographic model and forecasting data including:

- forecasting
- risk assessment
- model comparison
- algorithmic/parameter selection

SCI-WMS source code is available at <https://github.com/brandonmayer/sci-wms/tree/testbed>



**Figure 1:** Overview of the SCI-WMS architecture within the scope of the U.S. IOOS COMT project.