

# DINAA

An example of a national  
spatial data infrastructure project

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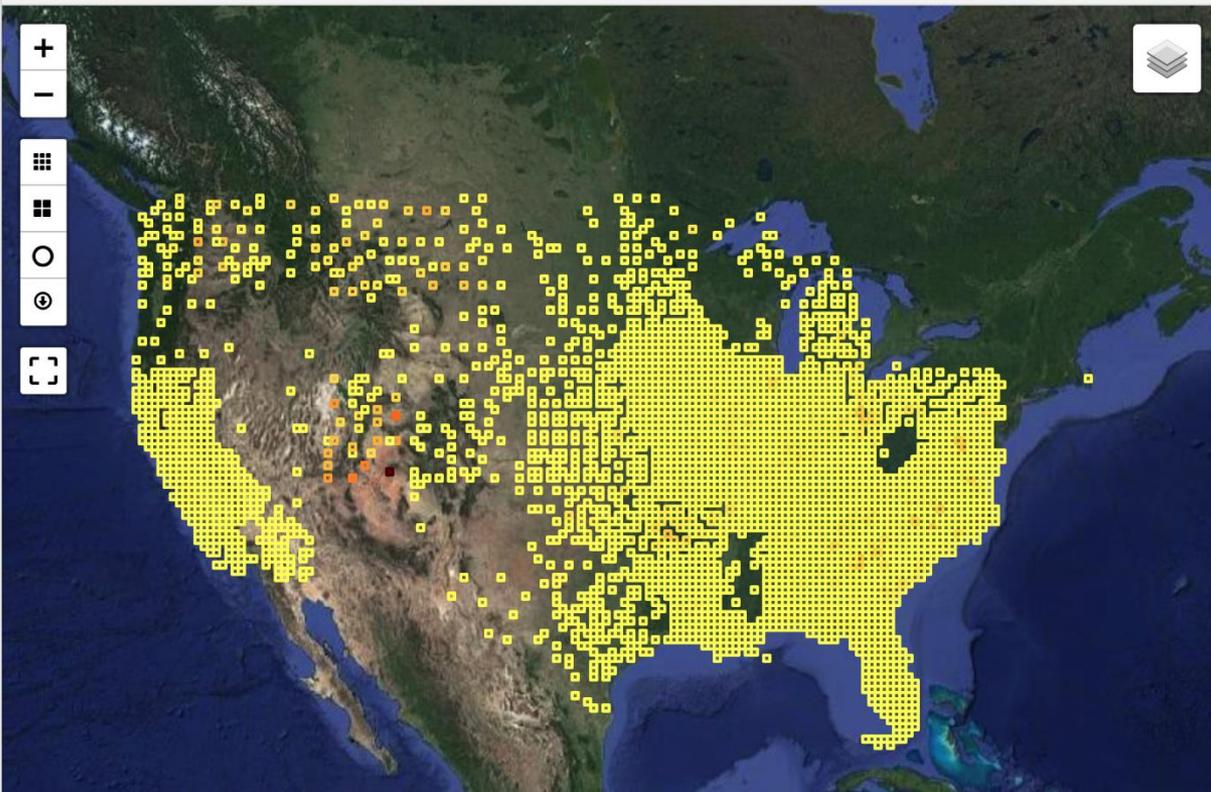
# PURPOSE

- ▶ “The ‘Digital Index of North American Archaeology’ (DINAA) project demonstrates how the **aggregation and publication of government-held archaeological data** can help to document human activity over millennia and at a continental scale. These data can provide a valuable link between specific categories of information available from publications, museum collections and online databases. **Integration improves the discovery and retrieval of records** of archaeological research currently held by multiple institutions within different information systems. It also **aids in the preservation** of those data and makes efforts to archive these research results more resilient to political turmoil.”

<http://ux.opencontext.org/archaeology-site-data/>

Map of Counts by Region

881,166 Data Records



Export or Map Records ↗

Applied Filters

Location or Context

⊗ Site

Project

⊗ Digital Index of North American Archaeology (DINAA)

Context

⊗ United States

Filter by Text Search (Data Records)

Search within these items...



Filtering Options

United States (Context) ⋮

Utah



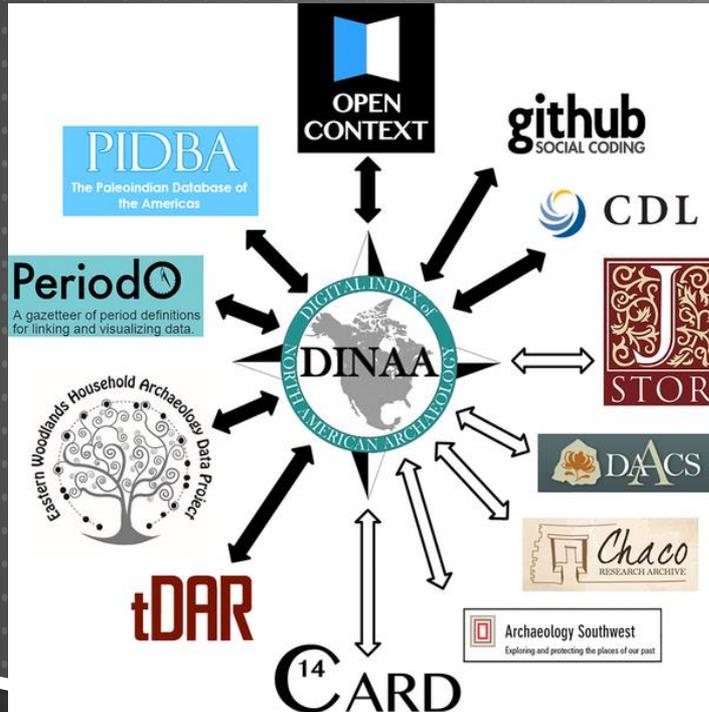
96,466

Montana



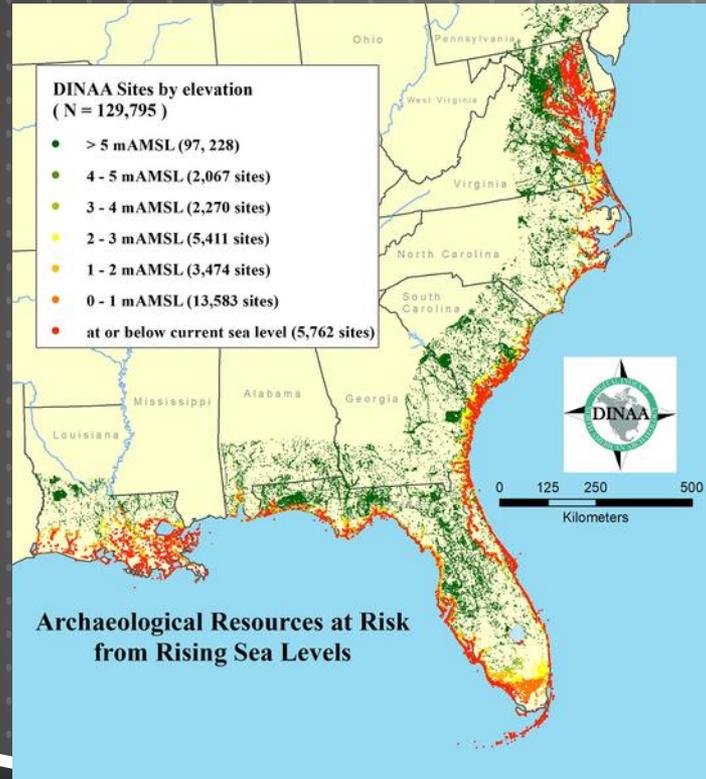
61,718

## DINAA links information in a wide range of online data repositories, using archaeological site numbers as the common referent.



- Data sets aggregated from State, Tribal, and Federal sources.
- Cross referenced to publications and reports (see left).
- Precise geographic locations and other sensitive data redacted.
- Nearly 900,000 sites in the database with 2 million sites to come.
- Researchers from Indiana University and University of Tennessee

## Site incidence as it relates to potential loss from sea-level rise, grouped by elevation in meters above present mean sea level.



- Example of using open data to create a new research corpus.
- High level of awareness about managing sensitive data.
- Successful partnership effort using open data platforms and standards.
- Arguably a “node” of the NSDI by aggregating data at many levels of government.