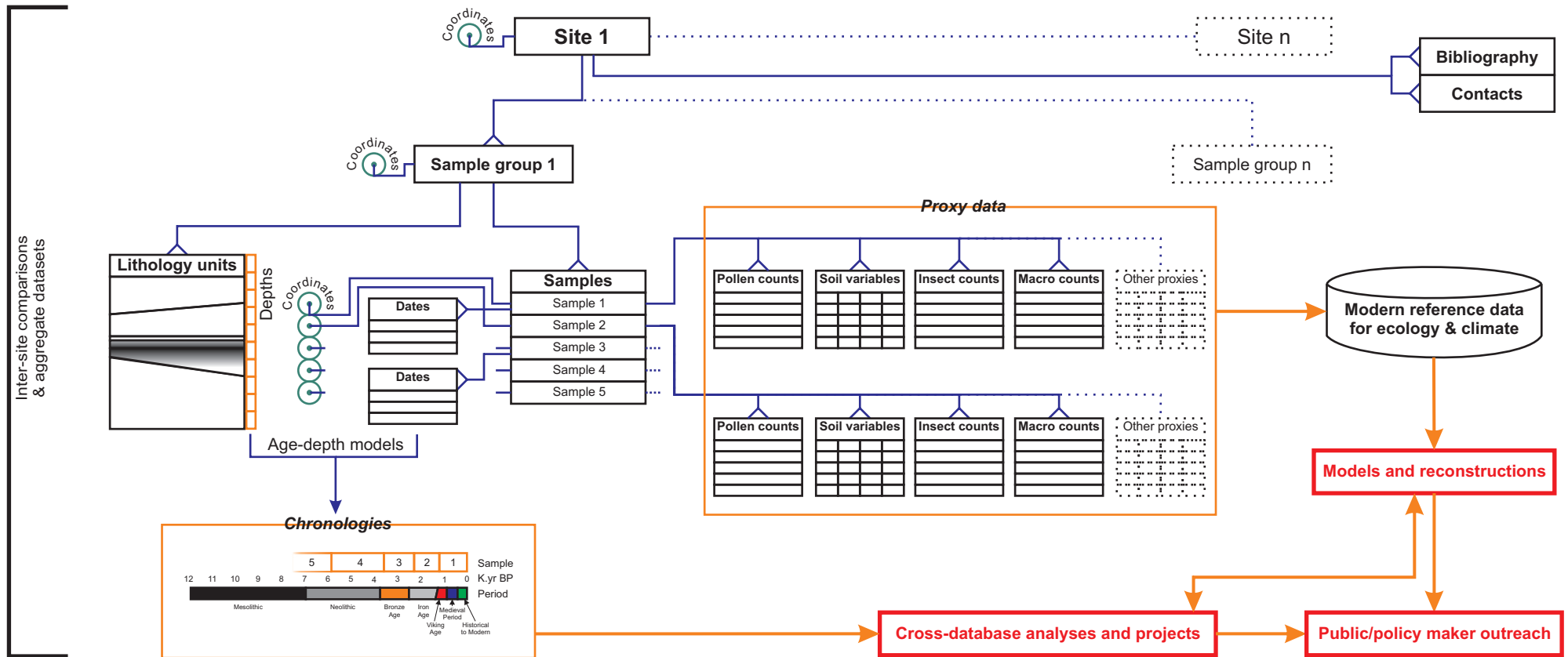


SEAD Research & outreach data relationships

Note that this structure does not necessarily reflect database structure



Analysis/retrieval types

- Simple data retrieval: Single **site**, single/multiproxy
- Multiple **site**, single proxy
- Multiple **site**, multiproxy

Research data association types

- Geographically - using **coordinates**
- Chronologically - using dates and **chronologies**
- Geochronological - using **coordinates** and **chronologies/dates**
- By **proxy** type
- Complex, by research aims/questions

Data entry/import interface types

- Wizard like import of values from raw data files
- Manual selection of species and entry of **samples** plus **counts**

Models and reconstruction types

- (Semi)quantitative reconstructions, diagram based (Pollen diagram, BugStats figure, BugsMCR diagram),
- Qualitative, descriptive
- Artistic, based on qualitative or quantitative reconstruction
- Reference data collation (text abstracts)

Retrieval/mining interface types

- Select/display on map (**coordinates**)
- Select/display on map with timeline (**coordinates & chronology**)
- Select/display on timeline (**chronology**)
- Select by browsing research data structure
- Retrieve through simple queries
- Retrieve through complex queries
- Display/output data in table/list form
- Display/output models/reconstruction diagrams
- Display/output summary reports/complex nested lists
- Allow multiple retrieval paths (e.g. re-order search hierarchy)