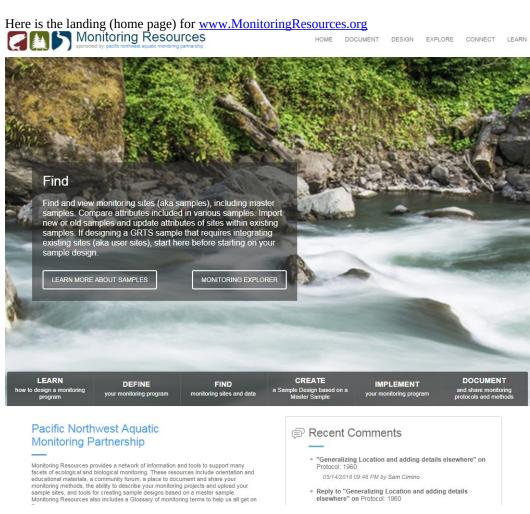
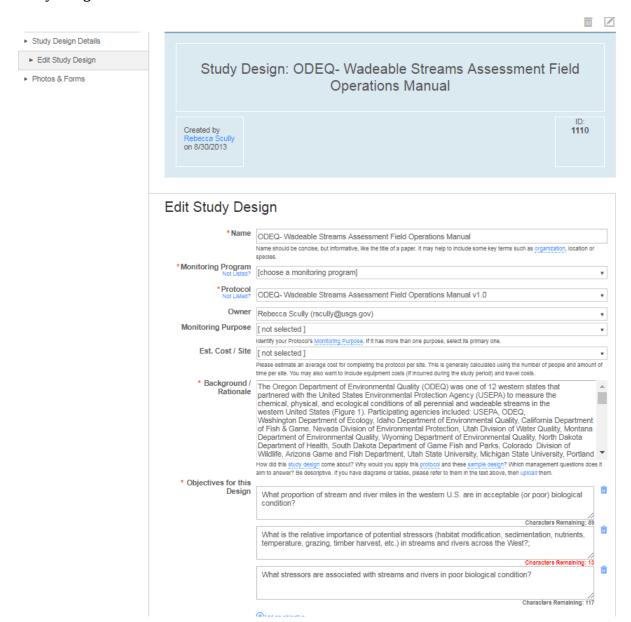
MonitoringResources.org has five components, a user can use one, some or all of these components. Within each component there is a short list of necessary fields to complete the documentation, but users can fill in additional fields to improve their metadata documentation. Below are the components in MonitoringResouces.org:

- **Study Design Tool** helps define project objectives and an overall monitoring plan.
- Method Builder and Library supports documentation of the step-by-step processes for collecting and analyzing data.
- **Protocol Builder and Library** allows users to combine multiple methods into a protocol to define the suite of information collected and analyzed, including use of previously published methods from the method library.
- **Master Sample Library** stores, displays, and documents master samples—a master sample consists of a set of potential sample locations from which monitoring sites can be selected. Use of master samples allows data from multiple monitoring programs to be more easily shared, integrated, and used for other applications.
- User Sample File leads users through the process of uploading planned sampling sites to MonitoringResources.org.
- Sample Designer Tool helps users Create and document multiple types of sample designs;
 - Use a master sample to select and document spatially balanced, random sample sites and define the temporal plan for sampling; the selection process uses the Generalized Random Tessellation Stratified (GRTS) algorithm commonly used by agencies, monitoring organizations, and scientists;
 - o Track site evaluation status before and during sampling; and
 - O Share sampling dates, times, and implementation details with others.



Below are screenshots from each component.

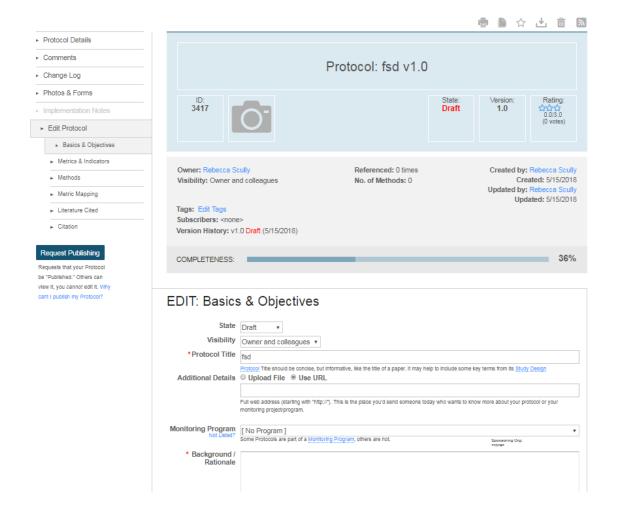
Study Design



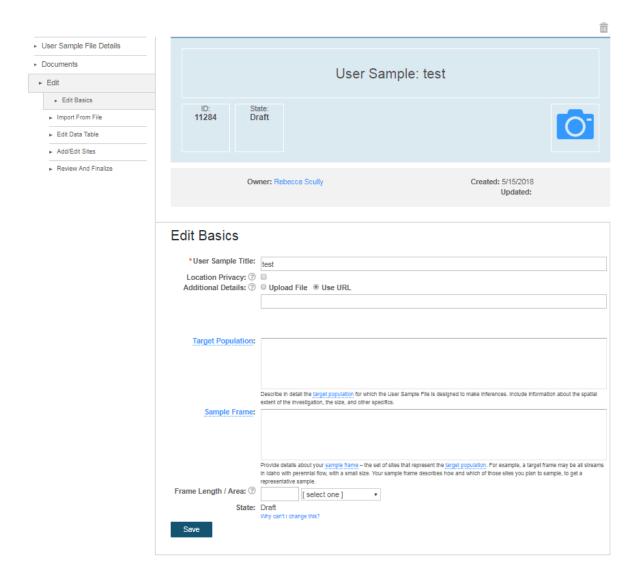
Method Builder

Basics	
*Method Title	test
	Enter a method name that is concise, but informative. Use Title Casing. Method Names should be unique to help differentiate your method from other methods. For example, "Redd Count Survey" is more helpful and descriptive than just "Redds". Please do not include any acronyms, organization affiliations, or other project-specific details in your title (or anywhere in your method).
* Method Type	Data Collection ▼
Background / Abstract	Choose a category to help classify your method to make it easier to find.
* Step by Step	The Background should NOT get into specifying Study Design since that is covered by the Protocol documentation. If you words: 0/1500 have diagrams or tables, please refer to them in the text above, then upload them.
Instructions	
Method Unit	If you have diagrams or tables, please refer to them in the text above, then upload them. Words: 0/4000
Equipment	[No Method Unit Selected] ▼
Full Details	● Upload File ● Use URL
	The URL provides full details of this Method.

Protocol Builder



User Sample



Sample Design

