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| 1. Infuse principled curation practices early in the data lifecycle | **A1. INTER-INSTITUTIONAL DYNAMICS**  
- What are the basic principles of site-based curation that need to underpin the policies and processes, from the perspectives of site resource managers, scientific researchers, and information professionals?
- What repository expertise needs to inform site-based curation?
- What site expertise needs to inform repository operations?
- How can site and repository policies and processes be aligned for optimal workflows and economies of scale? | **B1. POLICIES AND STANDARDS:**  
Establish data-prompting policies and reporting standards that support administrative and scientific aims and induce scientists to produce standard metadata and documentation.  
**Impacts:**  
- Policies applicable to other sites;  
- Shift of curation upstream to planning and data collection phases of research;  
- Curation awareness and appreciation among small science communities. | **C1. STAKEHOLDER ANALYSIS & ENGAGEMENT**  
- Recruitment & IRB  
- Promotional materials  
- Needs assessment workshop & analysis  
- Evaluation of SBDC principles and processes  
- Sustainability recommendations  
See detailed sub-tasks on page 7 of Narrative. |
| 2. Prepare cohesive aggregations of useable data for ingest into libraries and data repositories | **A2. CURATION OF SERIES UNITS**  
- What kinds of series are of value to resource managers and scientists?
- What are the appropriate parameters for defining series, beyond geo/temporal dimensions and sub-site identity?
- How do appraisal criteria for data series and data sets differ?
- How should continuing series be curated and managed? | **B2. CURATION PROCESSES:**  
Develop and test curation processes at YNP. Define parameters for meaningful data series for organization, access and attribution for data producers. Conduct a review of curation process documentation by external experts representing other data sites and scientific domains.  
**Impacts:**  
- Codified approaches to site-based curation of digital data;  
- Systematic techniques for appraisal and representation of meaningful series that retain site identity and context;  
- High-impact data units for attribution. | **C2. POLICY DEVELOPMENT**  
- Draft documents  
- Consensus process  
- Pilot  
- Assessment  
See detailed sub-tasks on page 8 of Narrative, and in Schedule of Completion. |
| 3. Transfer and ingest workflows | **B3. TRANSFER AND INGEST WORKFLOWS:**  
Develop workflows for transferring and integrating demonstration sets of sample site data into the networked repository infrastructure at JHU. Establish sustainable routines and model negotiated terms of service.  
**Impacts:**  
- Sharable workflows and model terms of service for transferring and providing access to site-based data;  
- Model for divisions of responsibility and dependencies between sites and repositories;  
- Articulation of approach for managing data series. | **C4. REPOSITORY WORKFLOWS**  
- Provider negotiation (model agreements)  
- Content preparation  
- Ingestion of demonstration datasets  
- Demonstrate capabilities with ingested test data  
- Final documentation  
See detailed sub-tasks on page 8 of Narrative, and in Schedule of Completion. |