**Insert Short Title Here (Example: Intermountain West Health & Air Quality II)**

*Insert Subtitle Here (Example: Utilizing NASA Earth Observations to Enhance Wetland Monitoring and Management in Florida)*

**Project Team**

***Project Team:***

Name 1 (Project Lead)

Name 2

Name 3

Name 4

***Advisors & Mentors:***

Name 1 (Affiliation)

Name 2 (Affiliation)

Name 3 (Affiliation)

***Past or Other Contributors:***

Name 1

Name 2

*\* If the project is a continuation, you must list ALL previous team members from past terms (who are not current team members). Do not denote who was the previous project lead.\**

***Fellow:***

Node Fellow’s Name (Node Name)

***Team Contact:*** Name, Email

***Software Release Contact:*** Name, Email

***Partner Contact:*** Name, Email

**Project Overview**

***Project Synopsis:***

This short overview provides a brief and catchy synopsis of the project and its objectives for media sources. Keep the reader in mind and make it interesting. (1 to 3 sentences; 80 to 100 words)

***Abstract:***

Insert here (150 to 250 words, one paragraph). Best Practices:

1. The abstract should be fully contained and give the reader a good grasp of the project. It should describe the purpose of your project, the reason for your project, how you go about your project, and what you ultimately discovered over the course of your project (e.g., objectives, community concerns, methods, and conclusions).
2. While there is a maximum word limit, if you can say it with fewer words, do so.
3. State the most important information first.
4. Write in past tense.
5. Write in active voice and avoid passive words like “might” or “could” – use powerful language.
6. Spell out all acronyms except for NASA (but you can include the abbreviated acronym at the end of the spelled-out acronym if you so choose). Every time you use the acronym following the abstract you can use the abbreviated version.
7. Don’t include citations.
8. Don’t define terms.
9. Read other projects’ abstracts for inspiration.
10. Any major restrictions or limitations surrounding results should be stated.
11. Reread the abstract. Did it answer: who, what, where, when, and why? If it didn’t, then revise it!
12. Don’t forget to add results and a conclusion statement.

***Key Terms:***

Insert 2 to 8 keywords here that relate to your project. Example: remote sensing, MODIS, Floating Algal Index, biodiversity hotspot, MaxEnt

***National Application Area(s) Addressed:*** Application Area 1, App Area 2, etc.

***Study Location:*** Study Location and State Postal Acronym(s), or Country (if project is international)

***Study Period:*** MonthYear to Month Year, Forecasting to Year

If Seasonal: Year to Year (Month to Month), Forecasting to Year

***Community Concerns:***

* These are simply the concerns the partners have about the study area and the reasons for doing the project.
* Explain the “why” behind this project. **Use complete sentences (3-5) with periods.**
* Why is this an important topic? What are the environmental issues involved? Why is this work important to the community? Who does this affect? Are there economic/quality of life disruptions?

***Project Objectives:***

* Write project objectives succinctly in bullets and **do not use complete sentences with periods**
* Start each objective with a strong action verb (ex: analyze, calculate, formulate, produce)
* Should match the ones featured in your Presentation and Poster deliverables

***Previous Term(s):***

Year Term (Node Acronym) – Project Short Title

**Partner Overview**

***Partner Organization(s):***

|  |  |  |  |
| --- | --- | --- | --- |
| **Organization(s)** | **Contact (Name, Position/Title)** | **Partner Type** | **Sector** |
| **Org 1** | Dr. Joe Smith, GIS Specialist | End User | Local Government |
| **Org 2** | Dr. Jane Smith, Research Scientist | Collaborator | Academic |

***Decision-Making Practices & Policies:***

In a well-explained nutshell, describe the current decision-making practices that your project end user employs in relation to the environmental issue at hand. Are they conducting costly field observations or some outdated method to manage something that remote sensing and NASA Earth observations could make easier for them? Also, what policies are in play: are there any federal or state laws that oversee the management of a certain area, land cover type, or issue? This **should *not*** **include** any information about how your project will contribute to or impact these practices & policies, ***nor* should it include** in-depth information about general organizational operations that are unrelated to the project. This section should be solely focused on the partners’ decision-making process (one paragraph).

**Earth Observations & End Products Overview**

***Earth Observations:***

|  |  |  |
| --- | --- | --- |
| **Platform & Sensor** | **Parameter(s)** | **Use** |
| **EO-1 Hyperion** | Normalized Difference Vegetation Index (NDVI) | Write 1 to 2 sentences describing how this dataset was used in the project. |
| **Terra MODIS** | Chlorophyll-a | x |
| **Aqua MODIS** | Chlorophyll-a | x |

***Ancillary Datasets:***

* Creator Organization & Dataset Name – Use
* Example: NOAA Great Lakes Observing System Great Lakes Coastal Forecasting System – Surface water current data for modeling *Cladophora* transport

***Modeling:***

* Full model name (Contact: Name, affiliation) – Use
* Example: Earth Engine Evapotranspiration Flux (EEFlux) Model (POC: Phil Blankenau, University of Nebraska) – ET values for model comparison

***Software & Scripting:***

* Software package – Use
* Example: ERDAS IMAGINE – Landsat-derived land classification

***End Product(s):***

|  |  |  |
| --- | --- | --- |
| **End Product(s)** | **Earth Observations Used** | **Partner Benefit & Use** |
| **End Product 1**  **(**Example: **Landscape Fragmentation Map;** written in title case**)** | List what EO data were used to derive your product. Use acronyms.  Example: Landsat 8 OLI | Write a brief description of how the end product will or can **improve a specific decision-making process or be used by** the partner (1 to 2 sentences). |
| **End Product 2** | x | x |

***Product Benefit to End User:***

Provide a concise paragraph that demonstrates the utility of your project and how it will benefit the end user involved. How can they use your methodology to enhance a decision, and how does that help them? Write about how your project could impact the practices and policies listed above(future tense; one paragraph).

***Project Continuation Plan:***

If your project is continuing to another term after this one, speak to what is being handed off now and what additional materials will be handed off in future terms. A first term should never forgo a handoff altogether; instead, the team can provide preliminary products. This section should be 100 words max. **Remove this entire section for one term projects or projects that will not continue to another term.**

**References**

Using APA format, list out any relevant content or websites that support your Project Summary. However, please note that citations **should not** be included in the text within the body of the document. **Only cite sources used to complete this summary, do not include a full reference list of sources used in the project** (A range of 1 to 5 citations is enough; save the full list for your Technical Paper)!