**NASA DEVELOP National Program**

**2017 Fall Project Proposal**

**Insert DEVELOP Node Name (Ex. NASA Langley Research Center or USGS at Colorado State University)**

**Insert Short Title Here (Ex. Florida Ecological Forecasting)**

*Insert Longer Subtitle Here (Ex. Utilizing NASA Earth Observations to Enhance Wetland Monitoring and Management in Florida)*

**Project Overview**

***Project Synopsis*:** This is a **paragraph** that gives an abstract for the project. It sums up the main objective(s), partners involved, study area, satellites being applied, products planned, and ends with the potential benefit. **Keep it concise yet inclusive of the items underlined**. If someone were to pick this proposal up and only has 1 minute to read it, this would provide them with a clear understanding of what this project is proposed to accomplish. Lastly, please use full sentences. (75-150 words)

***Community Concern:*** Paragraph (**not bullets**) explaining the “why” behind this project. What is the background - why is this an important topic, what are the environmental issues involved, why is this work important to the community? (75-150 words)

***Source of Project Idea:*** Where did this project idea come from? Give high-level details. If a partner requested this project, highlight that fact here. (20-100 words)

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

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

***Study Period:*** MonthYear – Month Year; Forecasting to [Year]

If Seasonal: Year – Year (Month – Month); Forecasting to Year

***Advisor(s):*** Name (affiliation), Name (affiliation)

**Partner Overview**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Organization** | **POC (Name, Position/Title)** | **Partner Type** | **Boundary Org?** |
| Org 1 | Dr. Joe Smith, GIS Specialist | End-User | Yes\* |
| Org 2 | Dr. Jane Smith, Research Scientist | Collaborator | No |

***End-User Overview***

***End-User’s Current Decision-Making Process:***Paragraph explaining the decision-making process of the end-user organization (not collaborators) related to the community concern focus of this project. What are the end-user’s current management practices? What decisions/policies are they making? Is any remote sensing currently involved? Do not include what this project would provide, solely focus on the current practices of the end user(s). (50-150 words)

***End-User’s Capacity to Use NASA Earth Observations:***

*End-User Organization Name* – Please describe the end-user’s familiarity and/or usage of NASA Earth observations. Have they ever used Earth observations before? If they are already familiar with and/or use NASA Earth observations, how does this project build their capacity? (10-100 words per end-user. Please include a separate paragraph for each partner defined as an end-user).

*End-User Organization Name* - Please describe the end-user’s familiarity and/or usage of NASA Earth observations. Have they ever used Earth observations before? If they are already familiar with and/or use NASA Earth observations, how does this project build their capacity? (10-100 words per end-user). If there is not a second end user, erase this. Or if there are more, duplicate it.

***Collaborator & Boundary Organization Overview***

***Collaborator Support:***

*Collaborator Org Name* – Please describe how any collaborators are supporting and involved with the project. (10-75 words)

*Collaborator Org Name* – Please describe how any collaborators are supporting and involved with the project. (10-75 words) If there is not a second collaborator, erase this. Or if there are more, duplicate it.

***Dissemination by Boundary Organizations*:**

*Boundary Org Name* – Please describe the organization’s capacity to transition and disseminate project results and methodologies to other groups. Describe the community they would share the DEVELOP project with here. If you know specific groups they would be sending results/products to, please include exact organization names; however, do not list those groups as partners above unless the team will be directly in contact with them. (50-100 words)

*Boundary Org Name* – Please describe that organization’s capacity to transition and disseminate project results and methodologies to other groups. Describe the community they would share the DEVELOP project with here. If you know specific groups they would be sending results/products to, please include exact organization names; however, do not list those groups as partners above unless the team will be directly in contact with them. (50-100 words)

***Project Communication & Transition Overview***

***In-Term Communication Plan*:** Describe the communication plan for during the term – how and how often will the team communicate with the partners? Who will be the main POC for this communication? (25-100 words)

***Transition Plan*:** Discuss the transition approach to the end-user – how will you hand off your decision support tool(s)? How and when will the tool(s) be used and/or implemented by the partner? Will software release be required, and if so how does that work into the timeline? (25-100 words)

***Letters of Support*:** Author,Author’s Title, Organization. Do not put the letter in this document, submit it to the Project Coordination Team through email with proposals or as soon after as you have the letter. Erase this section if no letter(s) of support are available.

**Earth Observations Overview**

***Earth Observations:***

|  |  |  |
| --- | --- | --- |
| **Platform & Sensor** | **Parameter(s)** | **Use** |
| **EO-1 Hyperion** | Spectral vegetation indices | 1-2 sentences describing how this dataset will be used. |
| **Terra MODIS** | Chlorophyll-a | x |
| **Aqua MODIS** | Chlorophyll-a | x |
| **Etc…** | Etc… | Etc… |

***Ancillary Datasets:***

Provider Organization – Dataset – use

Provider Organization – Dataset – use

***Modeling:***

Full model name (POC: Name, affiliation)

Full model name (POC: Name, affiliation)

***Software & Scripting:***

Software package – use data

Software package – use data

**Decision Support Tool & End Product Overview**

***End Products:***

|  |  |  |  |
| --- | --- | --- | --- |
| **End Product(s)** | **Partner Use** | **Datasets & Analyses** | **Software Release Category** |
| Short Product Title (written in title case) | Describe how this will be used by the partner and improve/support their current method/tool (25-50 words) | Brief explanation of datasets and sensors involved and any analyses that will be conducted to create the end product (25-50 words) | Options:  N/A  I  II  III  IV  V |
| Etc… | Etc… | Etc… |  |

***End-User Benefit*:** What will be the benefits of your project’s end products to the end-user(s)? How will this impact their decision-making process? Will it save them time/money/etc.? This should be concise and well thought out. If the end-user has written a letter of support, incorporate any applicable quotes regarding the potential benefit and any outcomes or you can also reach out to them to write this section or contribute a quote. (50-100 words)

**Project Timeline & Previous Related Work**

***Project Timeline:*** 1 Term: [Year Term] **OR** [#2-3] Terms: [Year Term] to [Year Term]

***Multi-Term Objectives:***

* **Term 1:** Year Term (Node Location) – Project Short Title
  + Write a descriptive paragraph that outlines the specific goals/objectives (or accomplishments) for the first term of this project, and how they set the stage for subsequent terms. Include details related to partner interaction. (75-100 words)
* **Term 2 (Proposed Term):** Year Term (Node Location) – Project Short Title
  + Write a descriptive paragraph that outlines the specific goals/objectives for the second term of this project. Include details about how partner interaction will evolve in the second term, and provide specifics about the project handoff if this will be the final term of project. (75-100 words)
* **Term 3:** Year Term (Node Location) – Project Short Title
  + Write a descriptive paragraph that outlines the specific goals/objectives for the third term of this project. Why is a third term **necessary/warranted**? Include details about partner interaction and handoff. (75-100 words)

***Previous Terms:***

Year Term (Team Location) - Project Short Title

***Related DEVELOP Work:***

Term Completed (Node Acronym) - Project Title: Project Subtitle

Term Completed (Node Acronym) - Project Title: Project Subtitle

**Notes & References:**

***Notes*:** Anything else you deem relevant and that supports the proposal.

***References:***

List out any relevant content or websites; however, please note that citations should not be included in the text in the body of the proposal.