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Respondent

2

Arijit Banerjee

25:33

Time to complete

1. Today's Date *

9/4/2025



2. Your Name *

Arijit Banerjee

3. Your Email Address *

arijit@illinois.edu

4. Project Name (exactly as it was named on the original Award Letter) *

Research on the Impact of UIUC Campus Wind Turbine on Wildlife Ecosystems

5. Date (or semester/year) of project's original award *

Spring, 2025

6. Current expiration date of award *

You can find this information on your original Award Letter or Scope Change Approval Letter (whichever is most recent).

04/29/2027

7. What is your project's 6 digit fund account number created for this project and to which the SSC allocation was transferred?

Please ask your project's financial contact for this information if unknown.

1-304953

8. Enter the amount of the award, including any budget increases as a result of a previous Scope Change. *

48,220

9. How much (in dollars) of your award (including previous approved budget increases) is remaining? *

48,220

10. Briefly describe the goals of your project. *

This proposal investigates the impact of a 20 kW wind turbine on birds and bats at Monticello Road Field Station (IL). Funded by ARPA-E, with prior SSC support for infrastructure, the research aligns with national and Illinois conservation efforts. The study uses advanced monitoring and real-time data analysis to identify and mitigate risks to state-listed species, including the Black-billed Cuckoo, Indiana Bat, Northern Long-eared Bat, and Upland Sandpiper. The project balances renewable energy development with wildlife conservation, ensuring sustainable solutions for greener energy production. This research will provide critical insights to guide future wind energy projects while reducing ecological impact.

11. What has been completed on your project so far? *

We have completed the review with Illinois Department of Natural Resources (IDNR). The public comment period is over with no comments submitted. We are awaiting clearance from IDNR to make the turbine operational. We have also hired a firm (Farnsworth) who has drafted a letter for USFWS. The letter has been forwarded to DOE, as this will be an inter-departmental submission. We are awaiting further response from USFWS/DOE.

12. Have you submitted one or more required Semester Project Reports for this project prior to this Scope Change request? *

NOTE: Timely submission of Project Reports are required to remain in compliance with the Terms and Conditions of your award.

☒ Yes

☐ No

13. Type of Scope Change requested (select all that apply) *

☐ Budget Increase (Net Additional Funds, Only)

☒ Project Direction

☐ Project Timeline

14. How much additional funding (in dollars) are you requesting? **NOTE: This amount should only reflect the ****NET ADDITIONAL**** amount you are requesting from SSC. If you are only changing individual items in your budget but do not require ADDITIONAL funds from SSC (i.e., beyond that of your award), please complete the Project Direction section instead.** *

Enter N/A if not applicable

\$0

15. Provide a *detailed* explanation for the requested Budget Increase. Your explanation should include details about how much money would be spent on which items and why. **NOTE: If your requested budget increase is approved, a SSC scope change agreement will be generated for you to sign.** *

Enter N/A if not applicable

NA

16. Provide a detailed explanation for the requested change in Project Direction. *

Enter N/A if not applicable

Based on our recent experience paying external vendors and contractors with SSC funding (from the Wind Turbine Installation Project), we anticipate similar logistical challenges in processing payments for one of the current project's line items. To address this proactively, we respectfully request approval to reallocate SSC funds as follows:

Replace the line items "Incidental Take Authorization Coordination and Submission to IDNR" and "Technical Assistance Letter Coordination and Submission for USFWS"

Apply the same budgeted amount instead toward payment for a portion of the research trailer.

This adjustment does not involve any increase in funding or any change to the project timeline. The total SSC support remains the same—we are simply requesting flexibility in how the funds are applied so that we can ensure timely payments and smooth project execution.

We sincerely appreciate SSC's continued support, and approving this change would greatly help us address the logistical issues while keeping the project on track.

17. What is your new proposed project completion date? **NOTE: If your approved new proposed completion date is beyond the original award expiration date, a SSC scope change agreement will be generated for you to sign.** *

Enter N/A if not applicable

N/A

18. Provide a detailed explanation for the requested change in the Project Timeline *

Enter N/A if not applicable

N/A

19. Please complete the Scope Change Budget and Timeline spreadsheet (link to file is below) and upload the updated version here.

Download the file here: <https://studentengagement.illinois.edu/sites/default/files/2024-09/SSC-Budget-Timeline-SCOPE-CHANGE-template.xlsx>

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SSC-Budget-Timeline-SCOPE-CHANGE-Wildlife Res. Arijit Banerjee.xlsx