



**NANOCELLULOSE RESEARCH AND DEVELOPMENT
FOR SUSTAINABLE MATERIALS**
NARRATIVE STATEMENT
(Authority 2 CFR 200.204)

FS-6200-0046 (REV. 07/2024)
OMB 0503-0028
Exp. 11/30/2025

Must Match box 8 in the SF-424:

Project Title:

Applicant Name:

Applicant E-mail:

Applicant Phone Number:

Applicant Physical Address:

Select the organization that you represent:

***Nonprofit Organizations and
Community Groups:***

Not Applicable
501(c)(3) (or has applied)
501(c)(4) (or has applied)
Group without 501(c)(3) or (c)(4) status
Community Board
Faith Based Organization
School-Affiliated Group

Government Entities:

Not Applicable
City/Local Government
County Government
Federal Government
Tribe
State Government
Other Government

***Higher Education
Institutions:***

Not Applicable
College
University

For-Profit Entities:

Small business

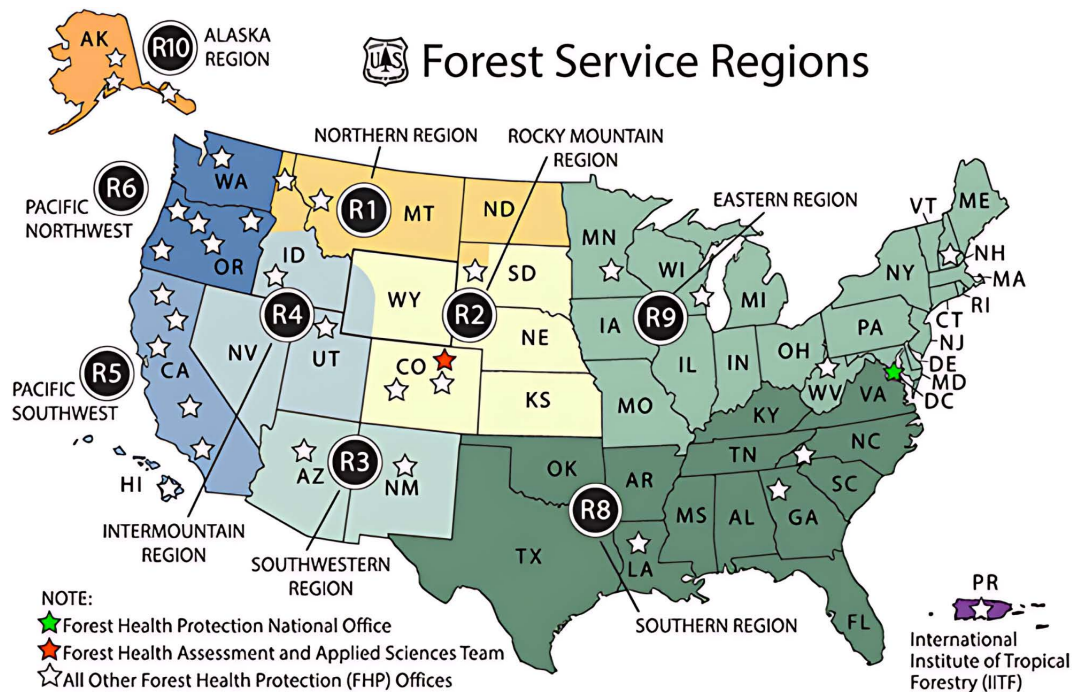
Other- Please describe:

Other:

Other - Please describe:

1. What is your timeline for implementing this action? If additional space is needed, please use the referenced Attachment form.

2. Below is a map of the US Forest Service geographic regions. Please select the region(s) you currently work and/or have the capacity to work.



Northern Region (R1)
 Rocky Mountain Region (R2)
 Southwestern Region (R3)
 Intermountain Region (R4)
 Pacific Southwest Region (R5)
 Pacific Northwest Region (R6)
 Southern Region (R8)
 Eastern Region (R9)
 Alaska Region (R10)
 Puerto Rico (PR)
 American Samoa
 Guam
 Northern Mariana Islands
 Virgin Islands

3. Please list the state(s) in which you currently work and/or have the capacity to work.

4. Describe how this project scope fits within your organization's mission, and how it serves as a shared mutual interest and benefit between the Forest Service and your organization.

5. Describe the key personnel who will be involved in this project. Please include current full time staff, and anticipated personnel (e.g. 1st year PhD candidate in Chemistry, 2nd MS Candidate in Materials Engineering, etc.).

6. How will this project serve or impact communities that are disadvantaged, historically undeserved, marginalized, or have been adversely affected by persistent poverty or inequality?

7. Briefly describe an existing or potential project in which you would be interested in partnering with USDA Forest Service. Please include the goals, objectives, and describe how it relates to nanocellulose research and development for sustainable materials. Please also describe how it relates to past work that you or your team have completed.

8. Briefly describe your team's experience with biomaterials, bioprocessing, or biomaterials research. Please include any relevant references. Do you have any specialized laboratory facilities or expertise that could be used in this work?

9. Briefly describe your experience in managing research projects. Please include the names of the projects, the funding level, and the deliverables (e.g. publications, workshops, number of students graduated, etc).

10. Please describe how a joint research project with the USDA Forest Service would help expand research capacity at your institution. What would be most helpful to in expanding your research capacity (e.g funding, expertise, lab resources, internships, etc.)?

PAPERWORK REDUCTION ACT STATEMENT

According to the Paperwork Reduction Act of 1995, a Federal agency may not conduct or sponsor, and a person is not required to respond to, an information collection request unless it displays a valid Office of Management and Budget (OMB) control number. The valid OMB control number for this information collection request is 0503-0028. Response to this information collection request is mandatory to obtain or retain benefits. The authority for this information collection request is Notices of Funding Opportunities (2 CFR 200.204). The time required to complete this information collection request is estimated to average 40 hours per response, including the time for reviewing instructions, searching existing data sources, collecting and maintaining the data needed, and completing and reviewing the information collection request. Send comments regarding this burden estimate or any other aspect of this information collection request, including suggestions for reducing the burden, to the USDA Forest Service email address SM.FS.InfoCollect@usda.gov, with OMB control number 0503-0028 in the subject line.

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