Research.gov
ONLINE GRANTS MANAGEMENT FOR THE NSF COMMUNITY

Updating Research Products in the NSF PAR and in NSF In-progress Project Reports

Researchers are able to update research product information in the National Science Foundation Public Access Repository (NSF-PAR). NSF-PAR allows Principal Investigators (PIs) and co-PIs to search through your records and make edits to ensure the information is current. This supports NSF's long-standing commitment to clear and open communication of research results.

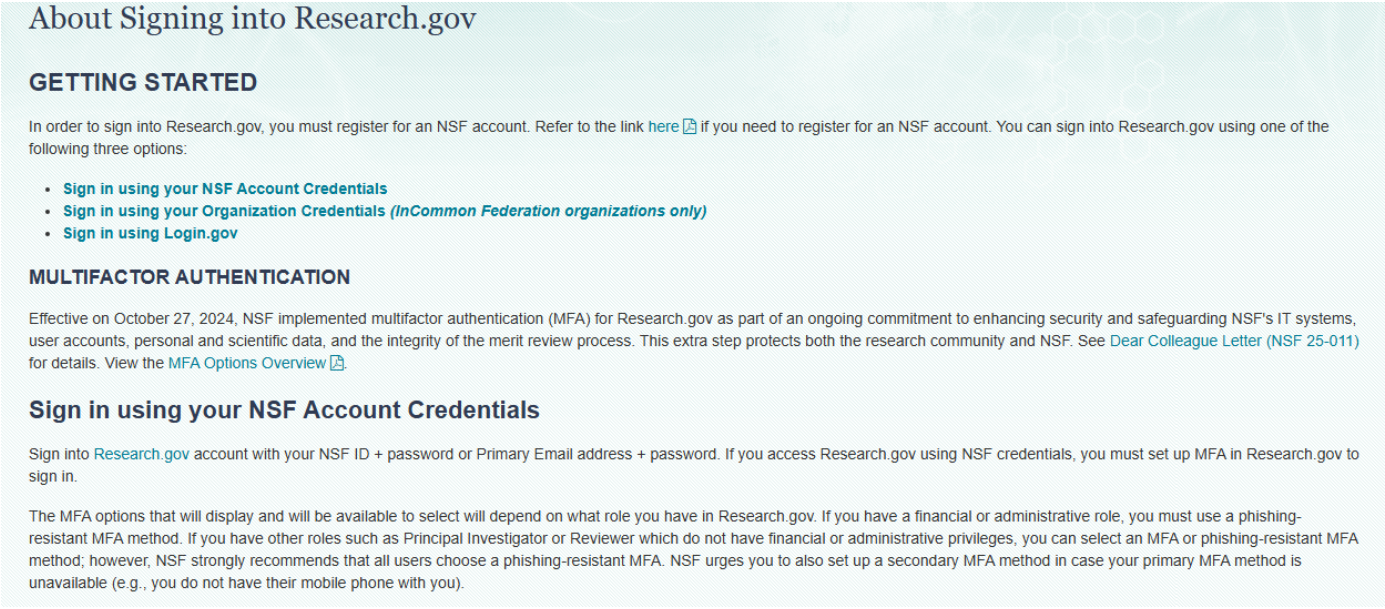
Overview for Updating Research Products in the NSF-PAR:

- ✓ Review record details and verify metadata information
- ✓ Filter record results specifically by author, Award ID, DOI, product type, or title
- ✓ Edit records to ensure entries are current and accurate
- ✓ Associate additional awards to pre-existing records

Steps to Update your Research Products in the NSF-PAR

1 **Sign in** to Research.gov:

- Follow this link to a detailed explanation on how to login to Research.gov



About Signing into Research.gov

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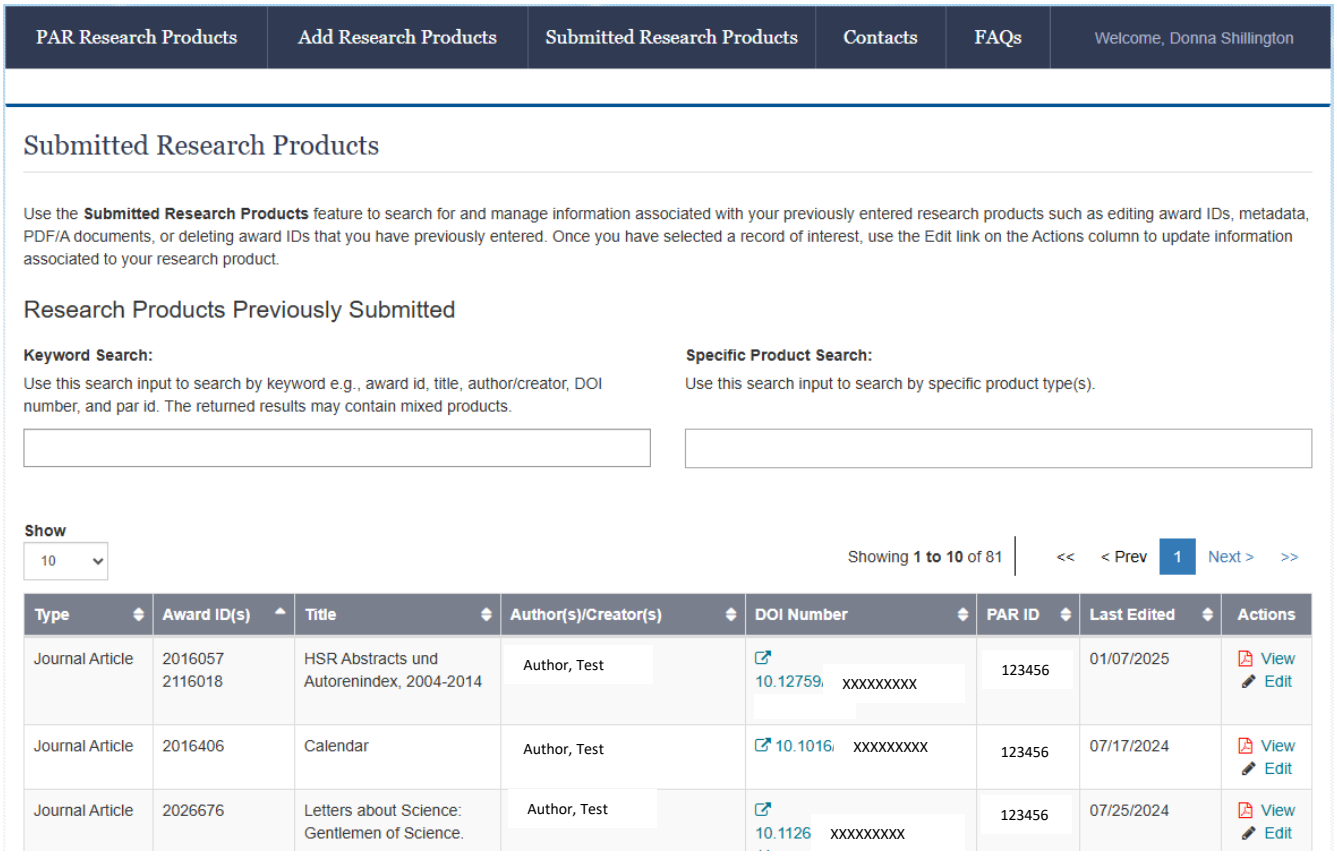
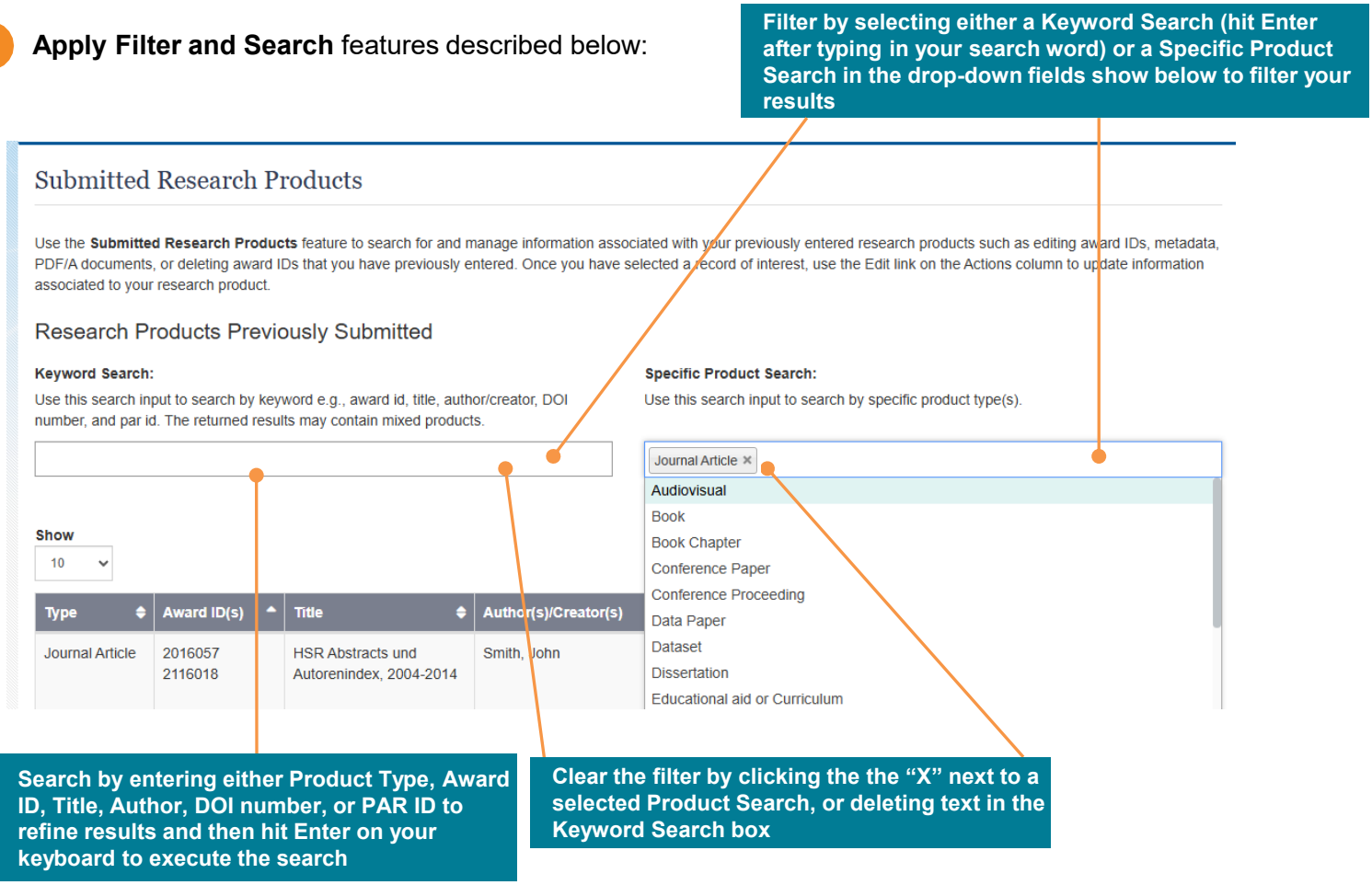
Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

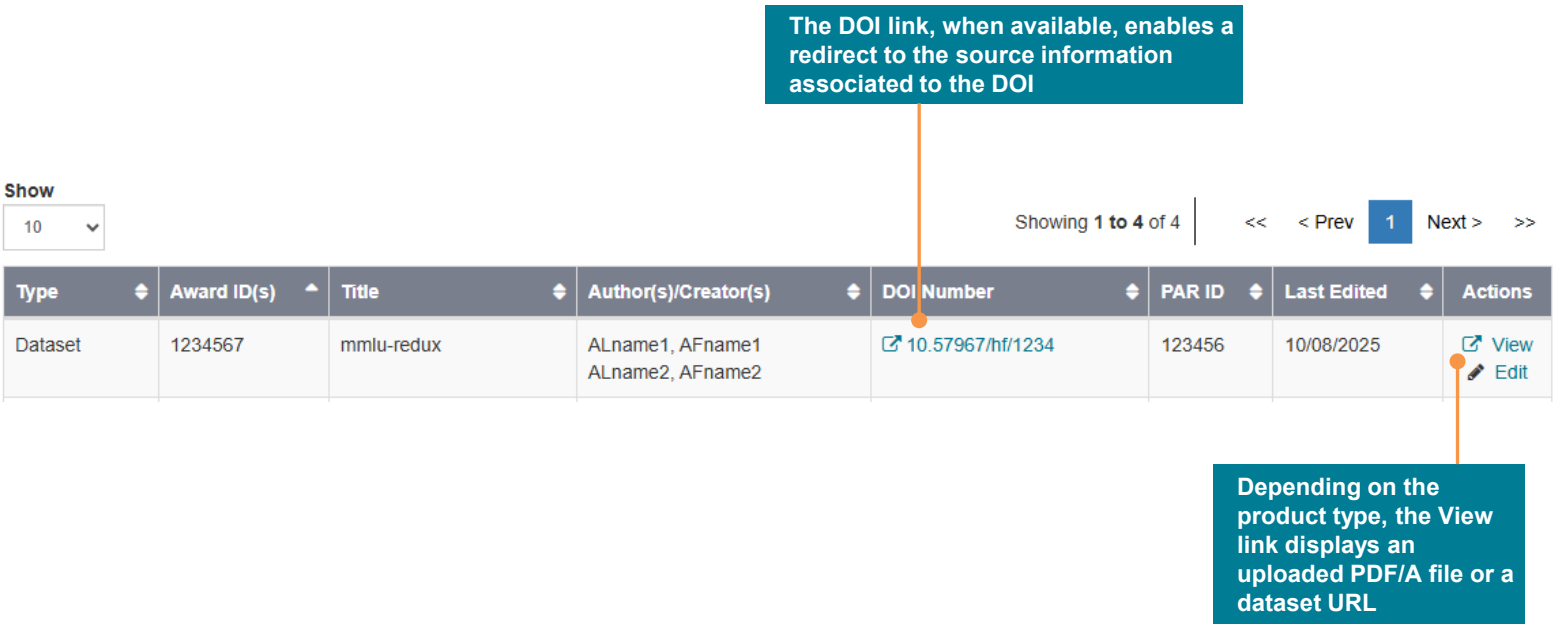
2 Once logged in, **Click** the "PAR Research Products" link under Awards & Reporting on the Research.gov homepage to navigate to the "Submitted Research Products" tab on the top of the screen in the NSF-PAR.



Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

3 **Apply Filter and Search** features described below:



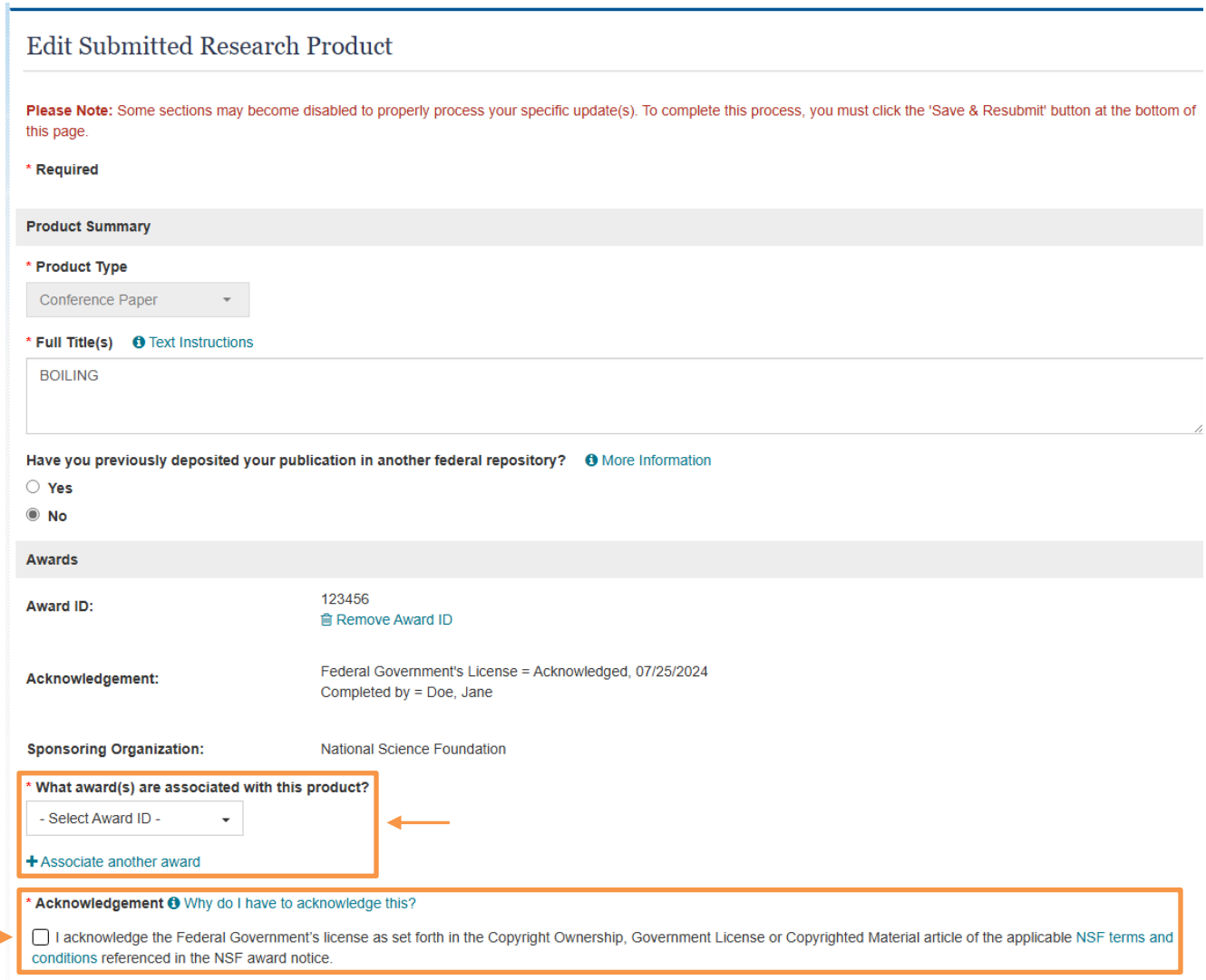


Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

4 **Click** the Edit link in the Actions column to review record details and verify metadata information.

Conference Paper	1234567	Mean Payoff Supervisory Control Under Partial Observation	Author, Test1 Author, Test2	10.1109/CDC.2018.8619193	123456	10/22/2025	View Edit

- Use the "**What award(s) are associated with this product?**" section to associate additional NSF Award IDs
- Use the **Acknowledgement** section to confirm you are agreeing to NSF Terms and conditions by checking the box

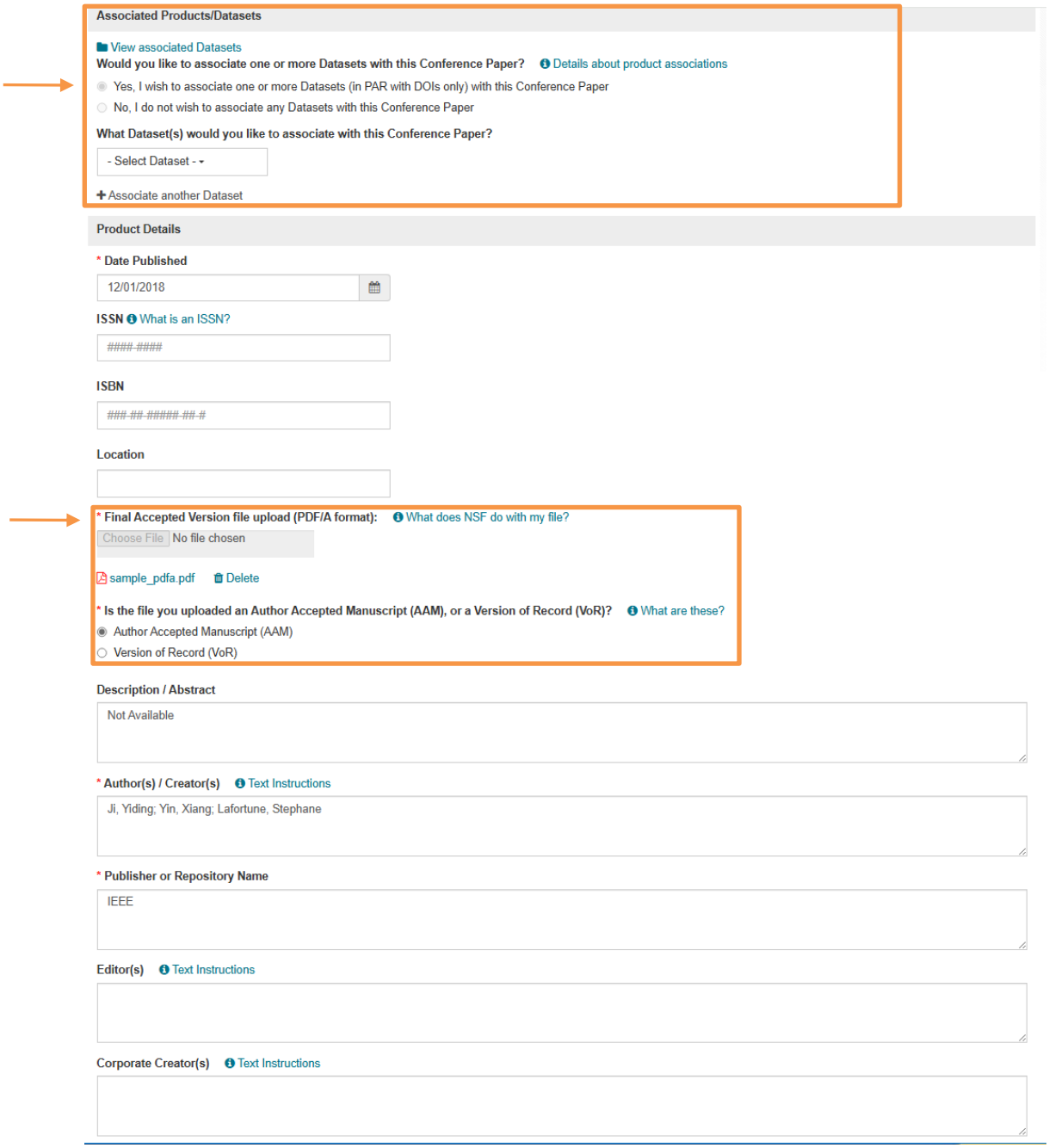


…Continued onto the next page

Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

4a Continued...

- Use the **Associated Products/Datasets** to link one or more datasets to your product
- Use the **Final Accepted Version file upload** to upload the final version of your product that you are editing (note it has to be in PDF/A format)
- Once you select a PDF/A file, you must also select either "Author Accepted Manuscript (AAM) or Version of Record (VoR)



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Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

4b Continued...

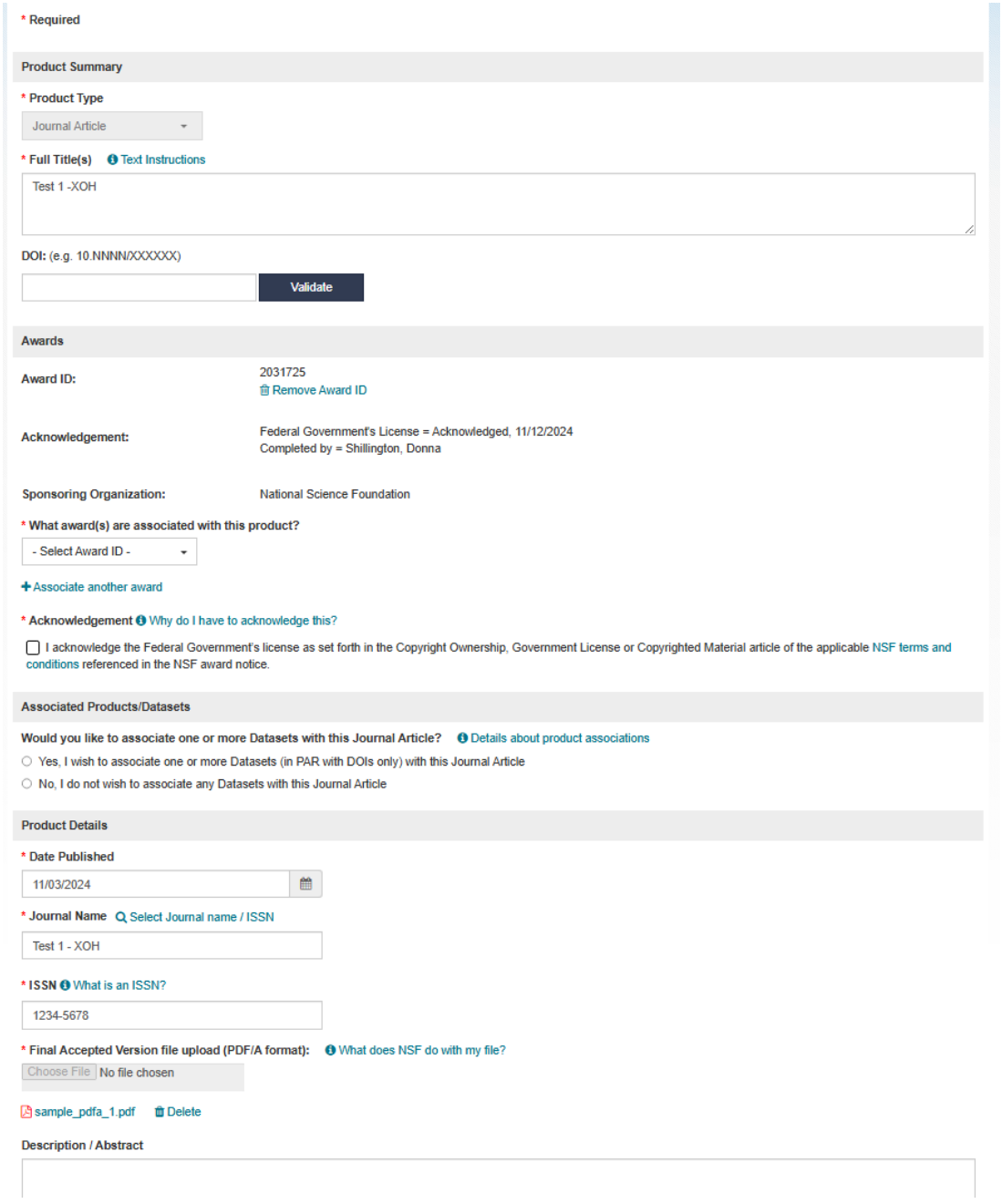
- Once all of the required fields are filled in use **Save & Resubmit** to update your research product

Website Policies | Budget and Performance | Inspector General | Privacy | FOIA | No FEAR Act | USA.gov | Accessibility | Plain Language | Contact | Help
The National Science Foundation, 2415 Eisenhower Avenue, Alexandria, Virginia 22314, USA Tel: (703) 292-5111, FIRS: (800) 877-8339 | TDD: (800) 281-8749

Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

5 **Summary:** You can make the following updates to your record as needed so that it is current and accurate.

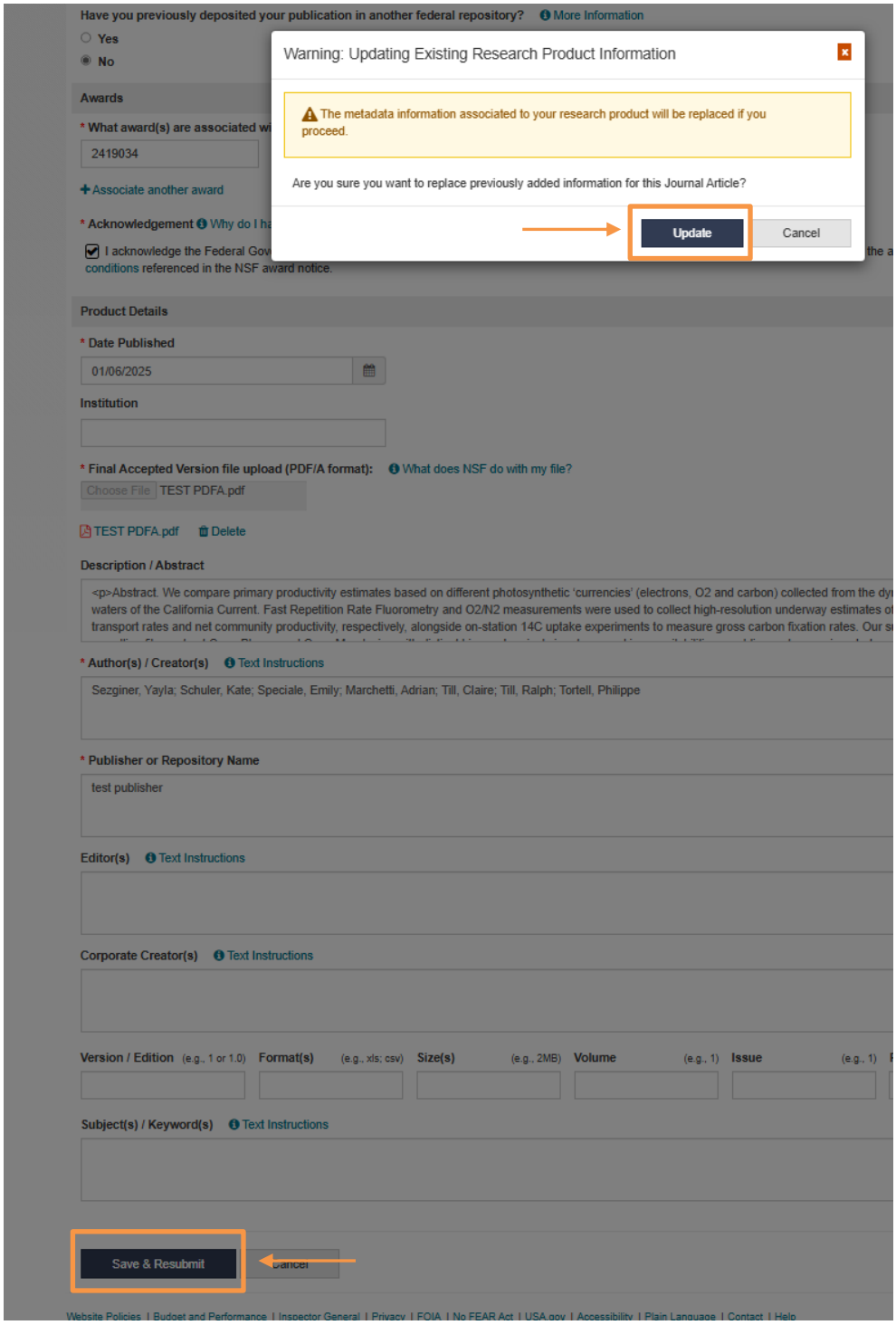
- Enter your DOI in the DOI input field if you have obtained one for your research product
- All required fields must be completed before finalizing an update
- Changing the Product Type selection is not permitted. To change the Product Type, you must delete the existing record and start over.
- To enter data in the Journal Name and ISSN fields, you may either use the provided links or manually type into the fields
- Product-Specific Fields section is product type specific
- To update your PDF/A file, you must first delete the existing PDF/A file and then upload the replacement PDF/A file



Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

6 **Click** the **Save & Resubmit** button at the bottom of the page and then **click** the **Update** button on the warning modal to proceed with your updates.

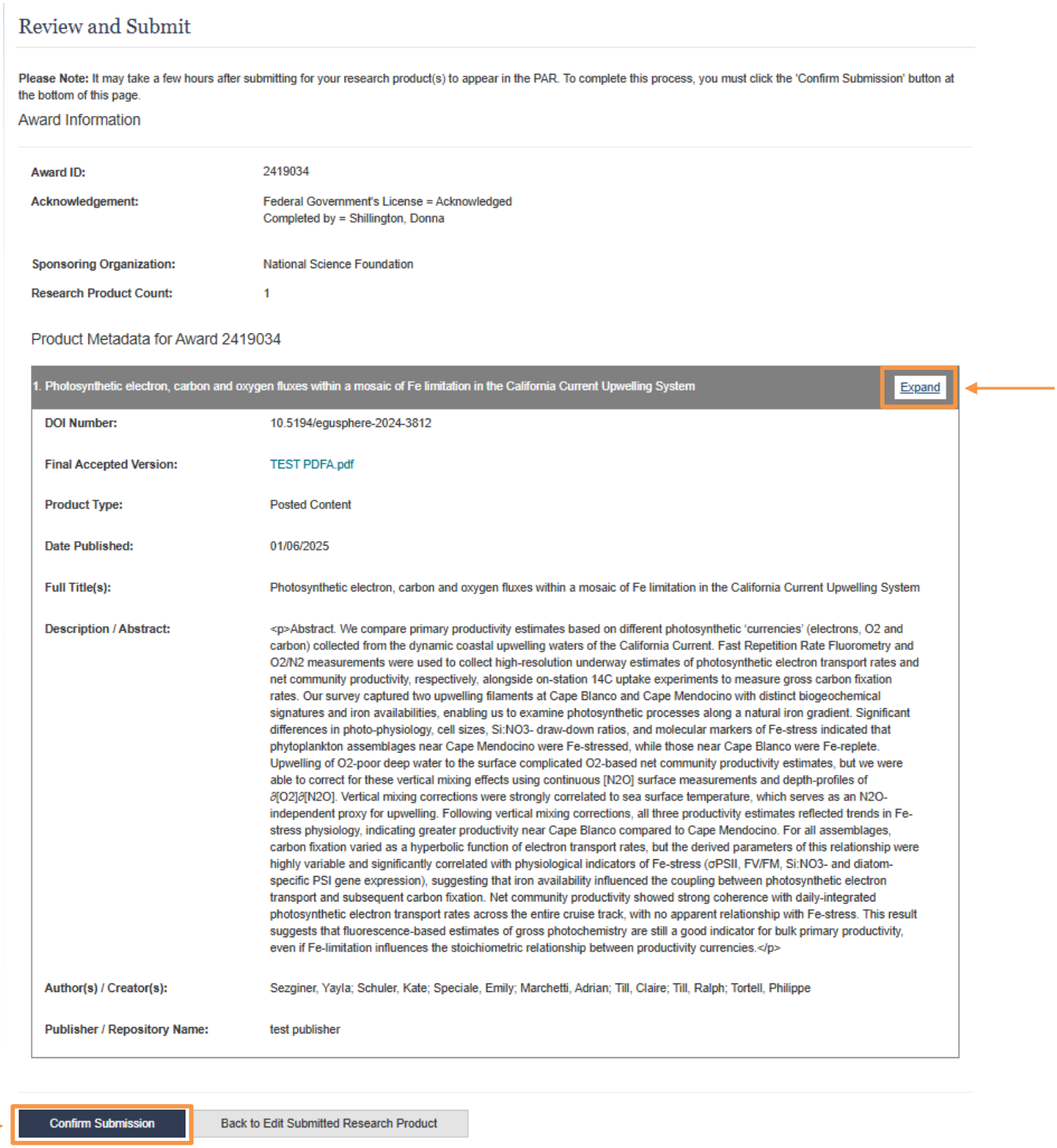
- The **Save & Resubmit** button will only be enabled if you have made an update and completed all required fields
- Any metadata that has been changed will be replaced by proceeding with an update action



Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

7 **Review** the Review and Submit page, and then **click** on the **Confirm Submission** button to submit updates.

- Changes will not be applied if you do not click the **Confirm Submission** button at the bottom of the page
- You may also click the **Expand** button to show the details of your submission



Review and Submit

Please Note: It may take a few hours after submitting for your research product(s) to appear in the PAR. To complete this process, you must click the 'Confirm Submission' button at the bottom of this page.

Award Information

Award ID:	2419034
Acknowledgement:	Federal Government's License = Acknowledged Completed by = Shillington, Donna
Sponsoring Organization:	National Science Foundation
Research Product Count:	1

Product Metadata for Award 2419034

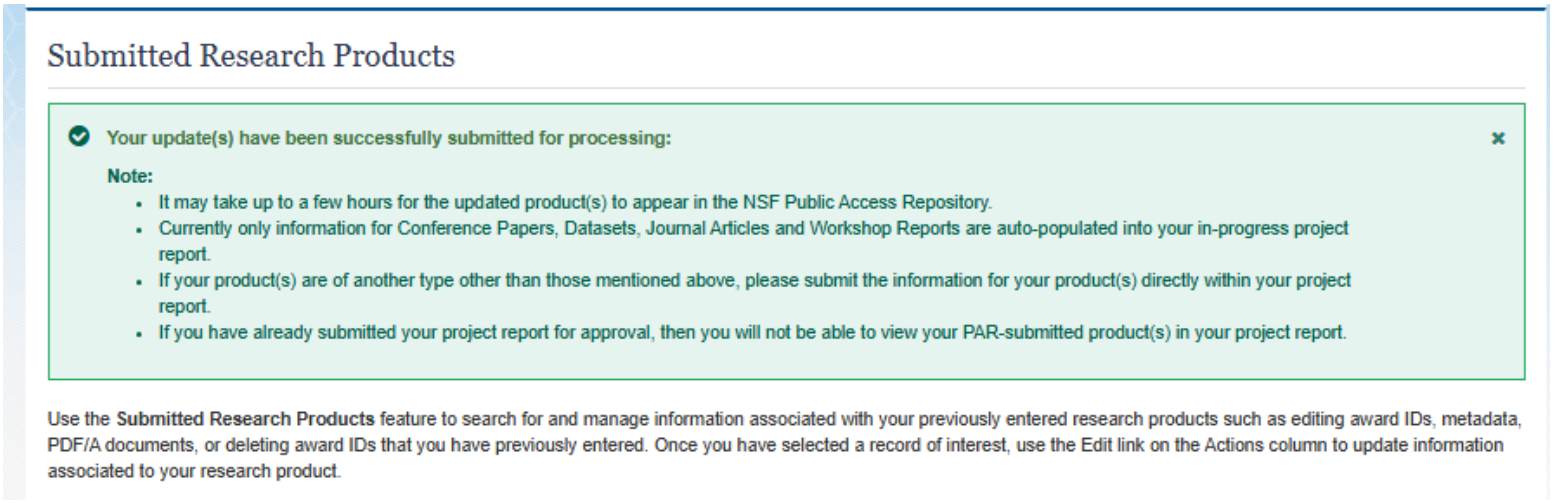
1. Photosynthetic electron, carbon and oxygen fluxes within a mosaic of Fe limitation in the California Current Upwelling System — Expand

DOI Number:	10.5194/egusphere-2024-3812
Final Accepted Version:	TEST PDFA.pdf
Product Type:	Posted Content
Date Published:	01/06/2025
Full Title(s):	Photosynthetic electron, carbon and oxygen fluxes within a mosaic of Fe limitation in the California Current Upwelling System
Description / Abstract:	Abstract. We compare primary productivity estimates based on different photosynthetic 'currencies' (electrons, O2 and carbon) collected from the dynamic coastal upwelling waters of the California Current. Fast Repetition Rate Fluorometry and O2/N2 measurements were used to collect high-resolution underway estimates of photosynthetic electron transport rates and net community productivity, respectively, alongside on-station 14C uptake experiments to measure gross carbon fixation rates. Our survey captured two upwelling filaments at Cape Blanco and Cape Mendocino with distinct biogeochemical signatures and iron availabilities, enabling us to examine photosynthetic processes along a natural iron gradient. Significant differences in photo-physiology, cell sizes, Si:NO3- draw-down ratios, and molecular markers of Fe-stress indicated that phytoplankton assemblages near Cape Mendocino were Fe-stressed, while those near Cape Blanco were Fe-replete. Upwelling of O2-poor deep water to the surface complicated O2-based net community productivity estimates, but we were able to correct for these vertical mixing effects using continuous [N2O] surface measurements and depth-profiles of δ[O2]δ[N2O]. Vertical mixing corrections were strongly correlated to sea surface temperature, which serves as an N2O-independent proxy for upwelling. Following vertical mixing corrections, all three productivity estimates reflected trends in Fe-stress physiology, indicating greater productivity near Cape Blanco compared to Cape Mendocino. For all assemblages, carbon fixation varied as a hyperbolic function of electron transport rates, but the derived parameters of this relationship were highly variable and significantly correlated with physiological indicators of Fe-stress (σPSII, FV/FM, Si:NO3- and diatom-specific PSI gene expression), suggesting that iron availability influenced the coupling between photosynthetic electron transport and subsequent carbon fixation. Net community productivity showed strong coherence with daily-integrated photosynthetic electron transport rates across the entire cruise track, with no apparent relationship with Fe-stress. This result suggests that fluorescence-based estimates of gross photochemistry are still a good indicator for bulk primary productivity, even if Fe-limitation influences the stoichiometric relationship between productivity currencies.
Author(s) / Creator(s):	Sezginer, Yayla; Schuler, Kate; Speciale, Emily; Marchetti, Adrian; Till, Claire; Till, Ralph; Tortell, Philippe
Publisher / Repository Name:	test publisher

Confirm Submission | Back to Edit Submitted Research Product

Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

8 **Review** the final confirmation banner message containing important information about your updates to the NSF-PAR and to your in-progress project report.



Submitted Research Products

Your update(s) have been successfully submitted for processing:

Note:

- It may take up to a few hours for the updated product(s) to appear in the NSF Public Access Repository.
- Currently only information for Conference Papers, Datasets, Journal Articles and Workshop Reports are auto-populated into your in-progress project report.
- If your product(s) are of another type other than those mentioned above, please submit the information for your product(s) directly within your project report.
- If you have already submitted your project report for approval, then you will not be able to view your PAR-submitted product(s) in your project report.

Use the **Submitted Research Products** feature to search for and manage information associated with your previously entered research products such as editing award IDs, metadata, PDF/A documents, or deleting award IDs that you have previously entered. Once you have selected a record of interest, use the Edit link on the Actions column to update information associated to your research product.

Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

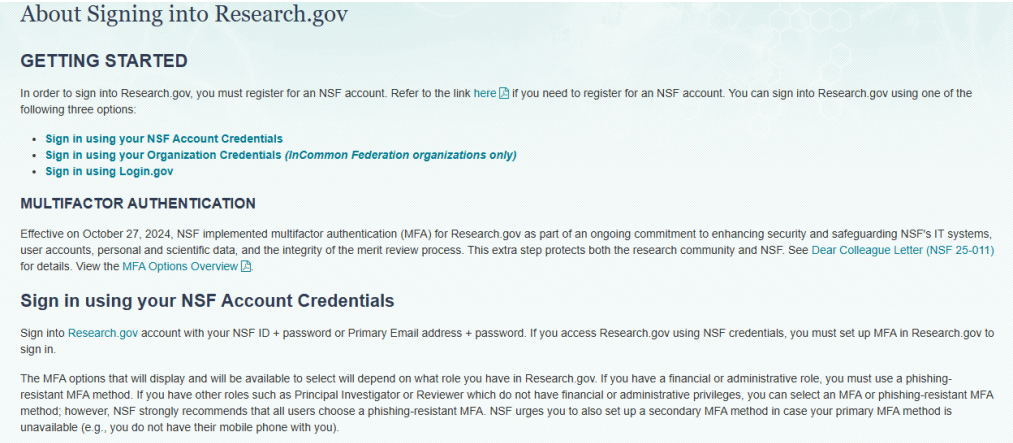
Overview for Updating Research Products in your In-progress Project Report:

- ✓ Review record details and verify metadata information
- ✓ Filter record results by product type
- ✓ Update auto-populated and manually entered records
- ✓ Edit records to ensure your entries are current and accurate

Steps to Update Auto-Populated Research Products in your In-progress Project Report

1 **Sign in** to Research.gov:

- Follow this link to a detailed explanation on how to login to Research.gov



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2 **Click** the Project Reports link under Awards & Reporting on the Research.gov homepage to navigate to your in-progress project report.

To access restricted features, add a role

Proposals

Prepare and Submit Proposals
(Letters of Intent, Preliminary, Full, Renewal, Postdoctoral Fellowships and SBIR/STTR)

Demo Site: Prepare Proposals (Training)

Proposal Status

Reviews & Meetings

Provide Reviewer Profile Information
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Supplemental Funding Requests (including Career-Life Balance)

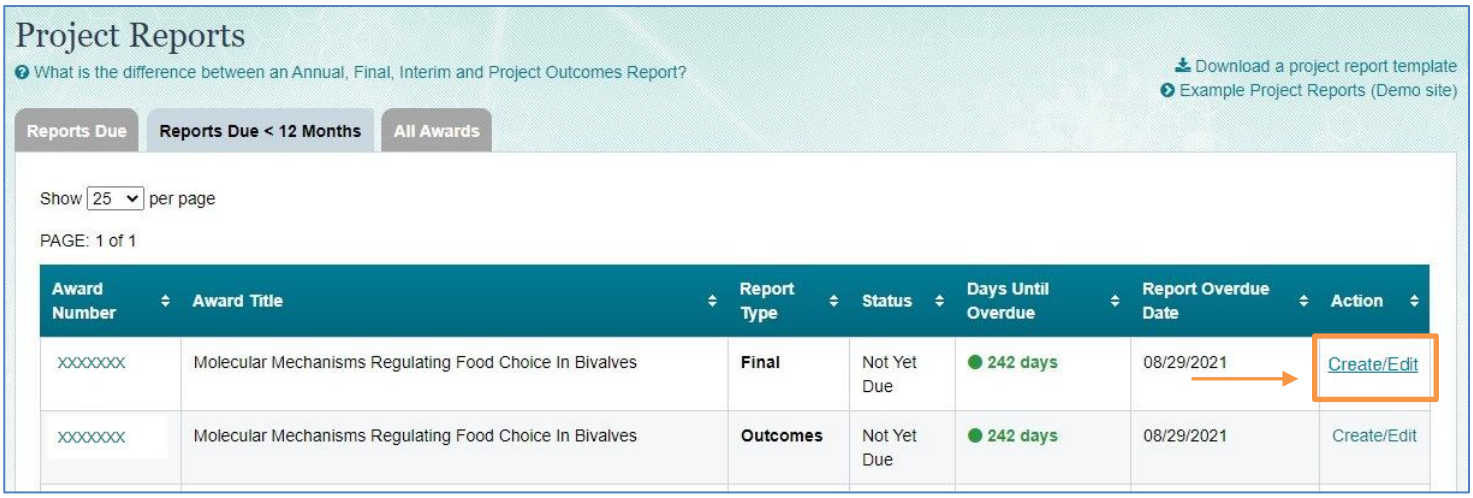
Demo Site: Supplemental Funding Requests (Training)

Continuing Grant Increments Reports

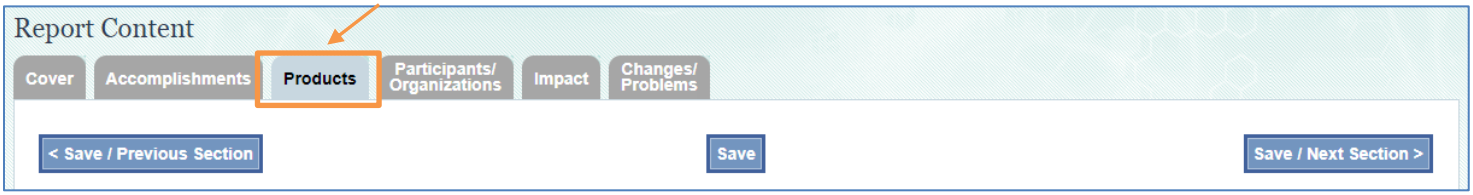
NSF Public Access Repository (NSF-PAR):
PAR Research Products

Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

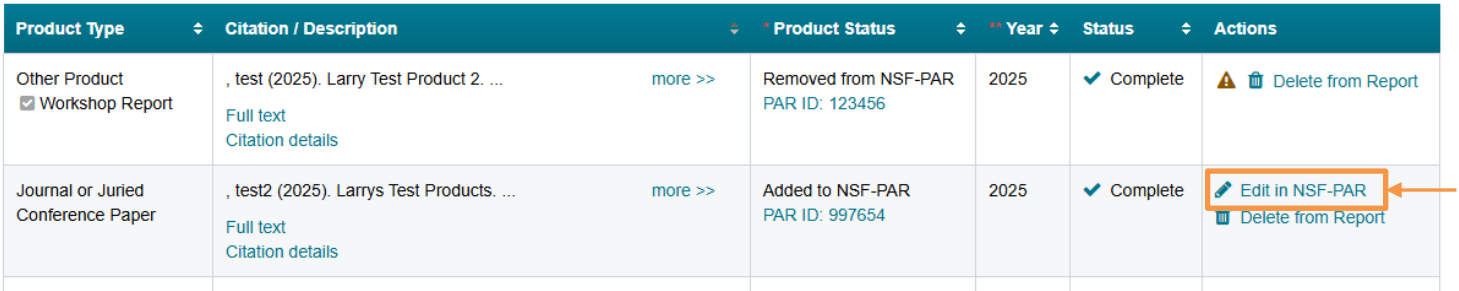
3 **Locate** your project report and **click** the Create/Edit link in the Actions column.



4 **Navigate** to the Products tab of your report and **click** the Products tab.



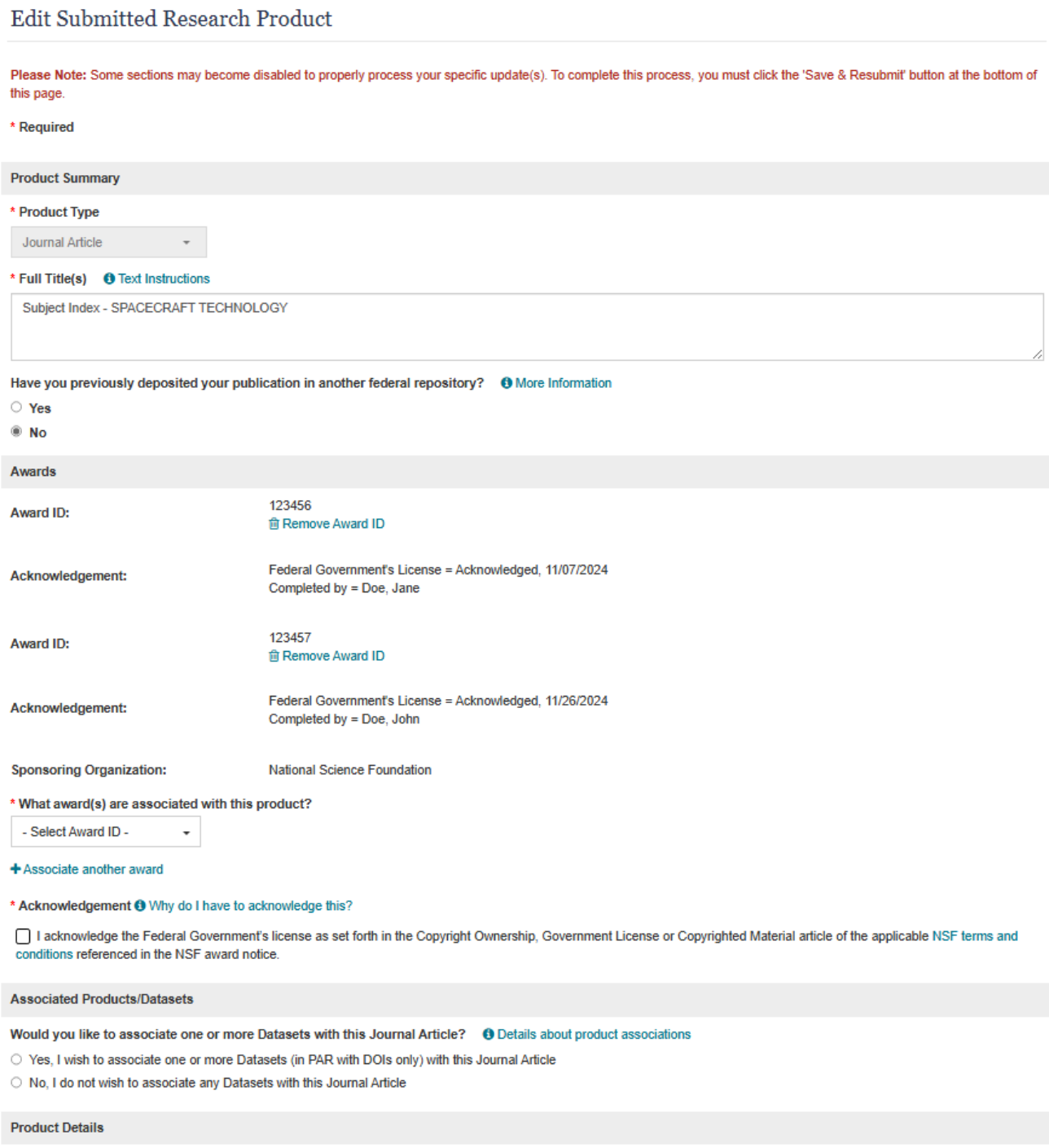
5 **Click** the Edit in NSF-PAR link in the Actions column to update information for records you added to the NSF-PAR that were auto-populated into your in-progress project report.



Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

6 You will be redirected to the **Edit Submitted Research Product** page in the NSF-PAR

- Depending on the product type, you can add additional Award IDs, remove Award IDs, edit product information, associate multiple datasets and in some cases update PDF/A files associated to a product.



Edit Submitted Research Product

Please Note: Some sections may become disabled to properly process your specific update(s). To complete this process, you must click the 'Save & Resubmit' button at the bottom of this page.

* Required

Product Summary

* Product Type

Journal Article

* Full Title(s) Text Instructions

Subject Index - SPACECRAFT TECHNOLOGY

Have you previously deposited your publication in another federal repository? More Information

- Yes
- No

Awards

Award ID:	123456 Remove Award ID
Acknowledgement:	Federal Government's License = Acknowledged, 11/07/2024 Completed by = Doe, Jane
Award ID:	123457 Remove Award ID
Acknowledgement:	Federal Government's License = Acknowledged, 11/26/2024 Completed by = Doe, John
Sponsoring Organization:	National Science Foundation

* What award(s) are associated with this product?

- Select Award ID -

+ Associate another award

* Acknowledgement Why do I have to acknowledge this?

☐ I acknowledge the Federal Government's license as set forth in the Copyright Ownership, Government License or Copyrighted Material article of the applicable NSF terms and conditions referenced in the NSF award notice.

Associated Products/Datasets

Would you like to associate one or more Datasets with this Journal Article? Details about product associations

- ○ Yes, I wish to associate one or more Datasets (in PAR with DOIs only) with this Journal Article
- ○ No, I do not wish to associate any Datasets with this Journal Article

Product Details

Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

7 After making your updates, **click** the **Save & Resubmit** button at the bottom of page to proceed.

- All the steps past this are the same as the steps shown on pages 6-10

Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

Steps to Update Manually Entered Products in your In-progress Project Report

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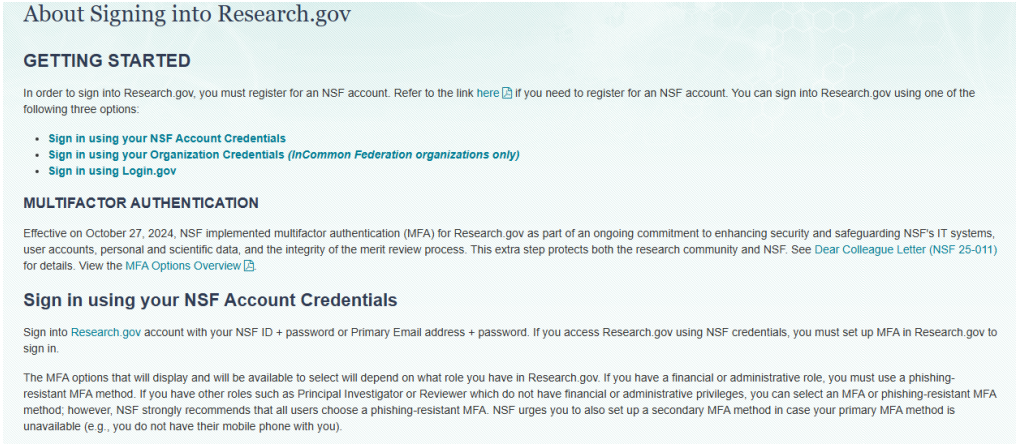

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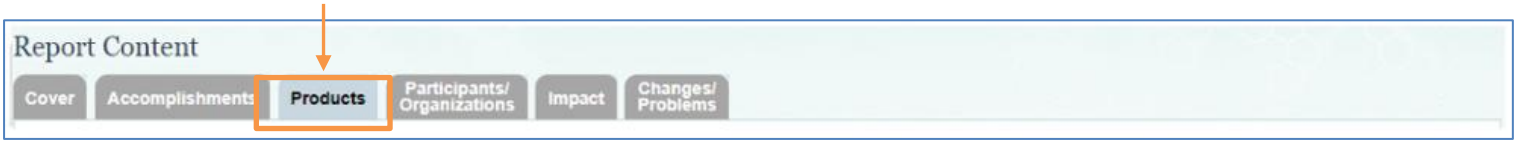
Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

3 **Navigate** to the Products tab.



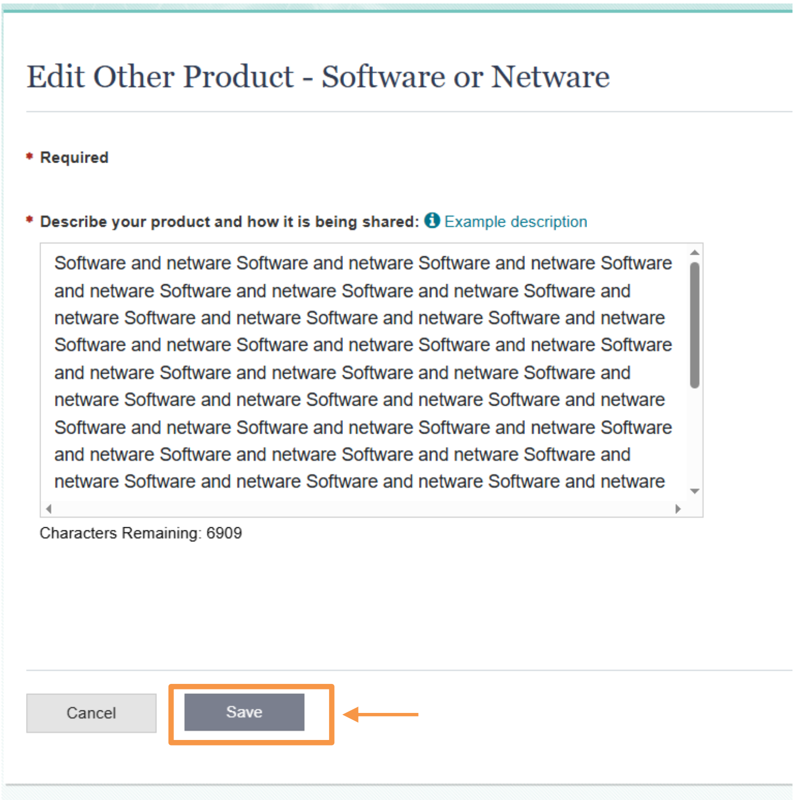
4 **Click** the Edit Detail link in the Actions column for a product that does not have an NSF-PAR ID in the Product Status column.

PAGE: 1 of 1

Product Type	Citation / Description	* Product Status	** Year	Status	Actions
Other Product Software or Netware	Software or Netware Software and netware Software and netware Software and netware Software and netware Software and netware Software and netware So... more >>		--	Complete	Edit details Delete from Report

Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

5 **Enter** required information in the text box and then **click** Save.



6 **View** the final confirmation banner message at the top of the Products page and **verify** your updates on the Products table.

Updating Research Products in the NSF PAR and in NSF In-progress Project Reports (cont'd)

Questions and Helpful Resources

For **IT system-related questions or technical questions**, please contact the NSF IT Service Desk (7:00 AM – 9:00 PM ET, Monday through Friday except for federal holidays):

- Call the NSF IT Service Desk: 1-800-381-1532
- Email the NSF IT Service Desk: rgov@nsf.gov

- Additional training resources are available on the Research.gov About Public Access page. Please also refer the NSF Public Access Initiative for more information.

We Want Your Feedback!

- We want your thoughts on your experience with the workflow to update research products in the NSF-PAR and in your in-progress project reports.
- **Please send your feedback to publicaccess@nsf.gov.**