

# ESDS-RFC-041-V2 Data Product Development Guide for Data Producers - Version 2

ESDIS Standards Coordination Office

March 14, 2024



## Second Round Review

The first round review for DPDG v2 closed June 23, 2023. The authors have amended the document in response to the review comments received. The revised document is now available for the second round review. First round reviewers are invited to review the revised document and verify that their comments were adequately addressed by the authors. Additional changes to the scope of the document will not be considered for the second round review.

The original version with tracked changes is attached to this wiki page. The first round Jama review is still available to view and contains the review comments and author responses from the first round review.



## Jama Formatting

Jama has limited document formatting capabilities. Some of the formatting from a MS Word document may be lost when importing into Jama. Reviewers should not worry about minor formatting inconsistencies (line spacing, paragraph alignment, fonts etc.) during their review. These will be addressed by the authors and ESCO once the review is complete. Please check the Word version of the document, attached to this page, if you have any concerns.

NASA's Earth Science Data and Information Systems (ESDIS) Standards Coordination Office ([ESCO](#)) is requesting feedback on the updated Data Product Development Guide for Data Producers (DPDG) Version 2.0.

The DPDG aims to compile the most applicable parts of existing data production guides into an easy-to-follow document that logically outlines the typical development process for Earth Science data products. Emphasis has been given to standards and best practices formally endorsed by ESCO, findings from Earth Science Data Systems WGs (ESDSWG), and recommendations from DAACs and experienced data producers. Ultimately, the DPDG provides developers with guidelines for how to make data products that best serve end user communities—the primary beneficiaries of data product development.

The DPDG was prepared for the Earth Observing System Data and Information System (EOSDIS) by the DPDG Working Group, one of the Earth Science Data System Working Groups (ESDSWGs), to aid in the development of NASA Earth Science data products.

The DPDG is intended for those who develop Earth Science data products and are collectively referred to as “data producers.” This guide is primarily for producers of Earth Science data products derived from remote sensing, in situ and model data that are to be archived at an EOSDIS DAAC (Distributed Active Archive Center). You are invited to participate in the Jama review for the Data Product Development Guide V2.0 (ESDS-RFC-041-V2) because of your expertise in the development and/or publication of data products and/or data tools and services for the EOSDIS.

## Reviewer Responsibility and Instructions

This review considers the approval of the DPDG as an ESCO Suggested Practice for developing Earth science data products for EOSDIS. For the second round review, we are asking reviewers to verify that their comments were adequately addressed by the authors. Please provide feedback by adding comments, requesting clarification, proposing changes, or identifying issues. The review includes a few simple questions to indicate your level of support for endorsement of the DPDG and to ensure responses are received from target audiences. When you have completed the review, please mark the review as finished in Jama to alert the administrators that your review is complete.

**All review comments are due April 5, 2024.**

**The [Jama Guide for Reviewers](#) has been updated and provides useful information for getting started and navigating the Jama online document review system. The new guide includes directions for marking sections as complete and for submitting the review. Both steps are useful to review administrators for tracking statistics and ensuring reviews are complete.**

Direct access to the review is available at <https://rms.earthdata.nasa.gov/review.req#/r:REV-598>.



## First Round Review

The original first round review is available at <https://rms.earthdata.nasa.gov/review.req#/r:REV-589>. No new comments are being accepted on this review.

ESCO facilitates reviews of proposed standards, practices, and technical information relevant to the ESDIS mission. Community reviews to discover the strengths, weaknesses, applicability and limitations of the content of the Request for Comment (RFC) are an important part of the [ESDIS Project's standards process](#). If approved, these recommendations will be published and listed on the [ESCO Standards and Practices](#) page.

Thank you for participating in this review. Your time, expertise, and contributions to the evaluation of appropriate standards and practices for NASA's Earth Science activities are appreciated.

If you have any questions, comments, or concerns, please contact the ESCO staff at [esco-staff@lists.nasa.gov](mailto:esco-staff@lists.nasa.gov).

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## Quick Start for Reviewers

ESDIS uses the Jama online document review system to collect community comments on proposed standards, practices and technical information submitted to ESCO for review. Offline reviews, where you download the document and review questions, then respond via email, are also accepted. Quick instructions for each are below.

### Preferred Method: Use Jama

1. Request Jama access to these documents by contacting the ESCO at [esco-staff@lists.nasa.gov](mailto:esco-staff@lists.nasa.gov). Please include your Earthdata login username if you have one.
2. Read and provide comments about the document via Jama here:
  - <https://rms.earthdata.nasa.gov/review.req#/r:REV-598>
3. For more details on using Jama, see the information at the bottom of this page.
4. All review comments are due by **April 5, 2024**

### Alternate Method: Respond via email

1. Download the document:
  - **Data Product Development Guide for Data Producers** ([PDF version](#)) ([Microsoft Word version](#)) ([Microsoft Word version WITH TRACKED CHANGES](#))
2. Send your feedback to the ESCO at [esco-staff@lists.nasa.gov](mailto:esco-staff@lists.nasa.gov).
3. All review comments are due by **April 5, 2024**

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## Review Introduction

The role of the ESDIS Standards Coordination Office (ESCO) is to conduct a review of this document by soliciting comments from a cross section of the Earth Science community.

Reviewers are invited to read the document and answer the questions provided on the review web page. The ESCO recognizes that not all reviewers will be familiar with all of the content of the document. Reviewers are welcome to review those parts of the document that they have experience with. You only need to answer questions applicable to you. Additional comments are welcome.

This document is intended primarily for data producers and data distributors; however data users may have insights and opinions about the content of this document as well.

### Detailed instructions for Jama reviewers:

The benefit of using the Jama system is that you can easily comment on specific portions of the document and can see comments provided by others.

Review comments may be submitted via the Earthdata Jama document review system. If you already have access to the NASA Earthdata Jama system, please contact ESCO at [esco-staff@lists.nasa.gov](mailto:esco-staff@lists.nasa.gov) and let us know your Earthdata Login username so we can add to you the list of reviewers.

Once you are registered to provide a review, you will receive email from the ESCO Team with links to the documents under review. When you get the email, please follow the instructions to gain access to the documents and to begin the review.

In order to log in to the Jama system (i.e. to follow any of the Jama review links) you must have an Earthdata Login account with access to Jama. Use your Earthdata Login username and password to log in to Jama. Earthdata Login username and password recovery can be done at <http://urs.earthdata.nasa.gov/>

If you do not already have a Jama account but wish to use the Jama system, you can request one at the [Earthdata Service Desk](#) or email the ESCO staff at [esco-staff@lists.nasa.gov](mailto:esco-staff@lists.nasa.gov).

- A short [Jama Guide for Reviewers](#)

NOTE: Information on this page is subject to change.

**Thank you!**

File	Modified
PDF File ESDS-RFC-041-DPDG V2.0-20230506.pdf	May 21, 2023 by Beth Huffer
PDF File DPDG V2 ESCO Review Questions.pdf	May 24, 2023 by Beth Huffer
Microsoft Word Document DPDG V2 ESCO Review Questions.docx	May 24, 2023 by Beth Huffer
Microsoft Word Document ESDS-RFC-041-DPDG V2.0-20230506.docx	Mar 13, 2024 by Marseille Bunk
Microsoft Word Document ESDS-RFC-041-DPDG V2.0-20240214.docx	Mar 13, 2024 by Marseille Bunk
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