The Publication and Distribution Process at Alaska DGGS

DMT 2023
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Agenda

• Geologic Information Center (GIC)
• AK DGGS Publication Preparation & Approval Process
• AK GeMS & GeMS Data Additional Steps
• Centralized Metadata Creation
• Database Driven Publications Process
Integrated Team
Is Essential!

- **Dedicated and Embedded IT support** at the Division Level is Absolutely Critical

- **Regularly scheduled coordination meetings:**
  - Weekly GEDI meetings (Geologic Data Inquiry)
  - Bi-weekly Division Publications Meetings
  - Weekly GeMS Multimap Meetings
  - Individual Product Production Status Meetings
  - Other Spin Off Meetings

- **Emphasis on Training:**
  - Weekly GIS Tips & Tricks
  - Illustrator sessions
  - ESRI Training emphasis
  - One-on-one training and support from IT, GIS, & Publications.

AK GeMS
Geologic Mapping System

**Domain Experts**
(Geologists)

**Success**
- Effective
- Timely
- Lower Costs

**IT Support**

**GIS Support**

**Publications Support**

Geologic Information Center (GIC)
DGGS Publication Preparation & Approval Process for All Publications

Managed by GIC’s (Geologic information Center)
Kristen Janssen
Fun Fact: Also responsible for all the Information Circulars in your DMT Packet

Types of Publications Approval process dependent on publications type

Pre-Pub Meeting

Submit Documents* → Data Design

RDF
Basic Formatting
Section Chief Edit/Approval
Director Approval
Publish

PIR, MP
Basic Formatting
Peer Review
Section Chief Edit/Approval
Director Approval
Publish

RI, PR
Section Chief QC
Basic Formatting
Peer Review
Author Revisions
Copy Edit**
Layout
Section Chief Approval
Director Approval
Publish

GPR
Section Chief Edit/Approval
Booklet Assembly
Director Approval
Publish

**Additional external copy editing may be done at any stage, for any publication series, at the discretion of the author and section chief.

*This step may include: Data design (Simone = metadata check, Mike/Andrew = GIS compatibility).
DGGS Publication Preparation & Approval Process for All Publications

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Well now what?

**Types of Publications Approval process dependent on publications type**

**DGGS Publication Preparation & Approval Process for All Publications**

- Pre-Pub Meeting
- Submit Documents*
- Data Design
- RDF
  - Basic Formatting
  - Section Chief Edit/Approval
  - Director Approval
  - Publish
- PIR, MP
  - Basic Formatting
  - Peer Review
  - Section Chief Edit/Approval
  - Director Approval
  - Publish
- RI, PR
  - Section Chief QC
  - Basic Formatting
  - Peer Review
  - Author Revisions
  - Copy Edit**
  - Layout
  - Section Chief Approval
  - Director Approval
  - Publish

*Additional external copy editing may be done at any stage, for any publication series, at the discretion of the author and section chief.

**This step may include: Data design (Simone = metadata check, Mike/Andrew = GIS compatibility).
GeMS Databases have “a number” of Additional Steps

AK GeMS
Production Workflow
14 Mar 2022

a: Pub Kick Off Meeting
b: Pre Pub Meeting
c: Pub Data Handoff Meeting
d: Post Pub Meeting

PHASE 15:
First to \uranus.dnr.state.ak.us/projects_warm\gems
Then later to \boreas.dnr.state.ak.us\gic_cold\gems
Centralized Metadata Creation
GIC’s (Geologic information Center)
Simone Montayne

It’s typically assumed that authors are best qualified to write metadata, which they are, but that causes publication delays because it also requires authors to fully understand the FGDC standard.

Our workflow ensures that authors capture key metadata in their reports and data products w/o burdening them with the need to tinker with an application or write XML.
Database Driven Publications Process

1. Author/Staff populate publication file server

Library

Typical Publication Products:
- Map as pdf
- Report as pdf
- Data Products
- Metadata

2. GIC Staff create publication record via Web Interface

3. GIC Staff link products to publication & metadata via Web Interface

4. Metadata Creation

5. Dynamic "Read me"

Metadata for each product

Geologic & Earth Resources Information Library of Alaska (GERILA)

PostgreSQL

citations

products

Citation page

Managed by GIC's (Geologic Information Center)
Sue Seitz

DGGS RI 2004-1B
Bedrock geologic map of the Salcha River-Pogo area, Big Delta Quadrangle, Alaska
Authors: Herington, M.B., Newberry, T.J., Aitchey, J., and Shrum, B., 2004
Publication Date: May 2004
Publication: Alaska Division of Geological & Geophysical Surveys
Comments: Supersedure PRS 2001-5
Total Price: $15.00
Ordering Info: Download detail for free or see our publication sales page to order a hard copy.
Related projects: Salcha Silver-Pogo

Bibliographic Reference

Publication Products

- Map as pdf
- Report as pdf
- Data Products
- Metadata

Dynamic "Read me"

Metadata for each product
Questions