

# Conversation Contents

## How USGS is supporting DOI priorities in AK

### Attachments:

- /4. How USGS is supporting DOI priorities in AK/2.1 \_\_USGS North Slope Assessment Status Feb-2018.docx
- /4. How USGS is supporting DOI priorities in AK/3.1 image002.png

**"Devaris, Aimee" <adevaris@usgs.gov>**

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**From:** "Devaris, Aimee" <adevaris@usgs.gov>  
**Sent:** Tue Feb 06 2018 16:06:58 GMT-0700 (MST)  
**To:** John Pearce <jpearce@usgs.gov>, "Murray, Thomas" <tmurray@usgs.gov>, Jeff Conaway <jconaway@usgs.gov>, Marti Miller <mlmiller@usgs.gov>, James Jones <jvjones@usgs.gov>, "Houseknecht, David" <dhouse@usgs.gov>, "Wright, Brian" <bwright@usgs.gov>  
**CC:** Christian Zimmerman <czimmerman@usgs.gov>, Durelle Smith <dpsmith@usgs.gov>, Grant Hilderbrand <ghilderbrand@usgs.gov>, Walter Guidroz <wguidroz@usgs.gov>  
**Subject:** How USGS is supporting DOI priorities in AK

Hi All--

I need a little help from each of you. David Applegate (Acting USGS Deputy Director) is meeting with Deputy Secretary Bernhardt on Thursday, and he was asked to report on how USGS is supporting the department's priorities in Alaska. You may recall DOI has published a list of general priorities (which are not specific to AK); however, we can show how our work is related to them. They are things like, "Sustainably develop our energy and natural resources," "Protect our people and the border," and "Create a conservation stewardship legacy second only to Teddy Roosevelt."

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I will work on the messaging as well, but I'm running short on time, so I wanted to send this note out to give you some time to frame up a few bullets on these. If you have any questions, please let me know. Dave needs this by tomorrow (Wed) close of business.

Thank you!  
Aimee

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**Aimee M. Devaris**  
Regional Director  
U.S. Geological Survey  
4210 University Drive  
Anchorage, Alaska  
907-786-7055

**"Houseknecht, David" <dhouse@usgs.gov>**

---

**From:** "Houseknecht, David" <dhouse@usgs.gov>  
**Sent:** Tue Feb 06 2018 16:32:35 GMT-0700 (MST)  
**To:** "Devaris, Aimee" <adevaris@usgs.gov>  
**Subject:** Re: How USGS is supporting DOI priorities in AK  
**Attachments:** \_\_USGS North Slope Assessment Status Feb-2018.docx

Here ya go, Aimee. This may run longer than you want, but it is a slight revision of something that I prepared a few weeks ago for another purpose. If you want me to shorten it, let me know.

Dave Houseknecht  
U.S. Geological Survey  
12201 Sunrise Valley Drive  
MS 956  
Reston, VA 20192  
(703) 648-6466

On Tue, Feb 6, 2018 at 6:06 PM, Devaris, Aimee <[adevaris@usgs.gov](mailto:adevaris@usgs.gov)> wrote:

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**"Conaway, Jeff" <jconaway@usgs.gov>**

**From:** "Conaway, Jeff" <jconaway@usgs.gov>  
**Sent:** Tue Feb 06 2018 18:20:19 GMT-0700 (MST)  
**To:** "Devaris, Aimee" <adevaris@usgs.gov>  
**Subject:** Re: How USGS is supporting DOI priorities in AK  
**Attachments:** image002.png

Aimee,

The transboundary river monitoring is a perfect fit for protect our people and the border.

-The USGS recently installed a water quality supergauge on the Unuk River in Southeast Alaska. The Unuk is one of Southeast's top five king salmon producers and its eulachon run provides an important traditional fishery to local tribes. The tribes are concerned about potential water quality impacts from a proposed large gold and copper mine 18 miles upstream of the US border. USGS efforts are establishing baseline conditions and will provide a continuous monitor of transboundary water quality on the Unuk.

-The USGS is also developing a science plan to define watershed characteristics and evaluate potential water quality and ecological impacts from Canadian mines in the transboundary Stikine, Taku, Chilkat, and Unuk watersheds.

Let me know if you would like more info, but he is going to be pressed with only 10 minutes!

Jeff

On Tue, Feb 6, 2018 at 2:06 PM, Devaris, Aimee <[adevaris@usgs.gov](mailto:adevaris@usgs.gov)> wrote:  
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**Jeff Conaway**

Branch Chief  
Hydrologic Monitoring and Investigations  
**[USGS Alaska Science Center](#)**  
4210 University Drive, Anchorage AK, 99508  
Office: 907-786-7041, Cell: 907-222-3492  
[jconaway@usgs.gov](mailto:jconaway@usgs.gov)

ident348fromlendalK

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**Aimee Devaris <[adevaris@usgs.gov](mailto:adevaris@usgs.gov)>**

**From:** Aimee Devaris <[adevaris@usgs.gov](mailto:adevaris@usgs.gov)>  
**Sent:** Tue Feb 06 2018 19:30:14 GMT-0700 (MST)  
**To:** "Conaway, Jeff" <[jconaway@usgs.gov](mailto:jconaway@usgs.gov)>

**Subject:** Re: How USGS is supporting DOI priorities in AK

Perfect. Thank you.  
Aimee

Sent from my iPhone

On Feb 6, 2018, at 4:20 PM, Conaway, Jeff <[jconaway@usgs.gov](mailto:jconaway@usgs.gov)> wrote:

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<image002.png>

**Aimee Devaris <adevaris@usgs.gov>**

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**From:** Aimee Devaris <adevaris@usgs.gov>  
**Sent:** Tue Feb 06 2018 19:31:22 GMT-0700 (MST)  
**To:** "Houseknecht, David" <dhouse@usgs.gov>  
**Subject:** Re: How USGS is supporting DOI priorities in AK

Thanks, Dave. I can work with this. Much appreciated.

Aimee

Sent from my iPhone

On Feb 6, 2018, at 2:32 PM, Houseknecht, David <[dhouse@usgs.gov](mailto:dhouse@usgs.gov)> wrote:

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**"Wright, Brian" <[bwright@usgs.gov](mailto:bwright@usgs.gov)>**

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**From:** "Wright, Brian" <[bwright@usgs.gov](mailto:bwright@usgs.gov)>

**Sent:** Wed Feb 07 2018 12:45:45 GMT-0700 (MST)  
**To:** "Devaris, Aimee" <adevaris@usgs.gov>  
**CC:** Durelle Smith <dpsmith@usgs.gov>  
**Subject:** Re: How USGS is supporting DOI priorities in AK

Aimee,

NGP responded to a similar AD call for info last week;

A broad range of activities in Alaska depend on accurate and current elevation data and topographic maps, including aviation safety, infrastructure development, energy, critical mineral assessments, and natural hazards vulnerability.

Mapping data is more than 50 years old in many locations around Alaska. The Alaska Mapping Initiative will, for the first time, produce maps of the state at same scale, currency, and quality as the Lower 48.

IfSAR elevation data, collected through the Alaska Mapping Initiative, are also being used as a source to update the National Hydrography Dataset for Alaska.

Alaska IfSAR data acquisition for approximately 95 percent of the State (Flown).

- 77 % is available for download via The National Map or the AK DNR, DGGS
- 18 % percent is being processed and quality reviewed
- 20% of the state has had hydro updated to date

New 1:25,000-scale topographic maps featuring the new elevation and hydrography data, as well as other layers such as transportation and imagery, are being produced to replace old 1:63,000-scale maps.

Alaska US Topo map production is 57 % completed as of 2017.

- 16 % is projected for publication in fiscal year 2018

Brian

On Tue, Feb 6, 2018 at 2:06 PM, Devaris, Aimee <[adevaris@usgs.gov](mailto:adevaris@usgs.gov)> wrote:

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Brian Wright  
National Map Liaison - Alaska  
US Geological Survey  
4210 University Drive  
Grace Hall, Room 228  
Anchorage, AK 99508  
Office/Cell: 907-201-0113  
Email: [bwright@usgs.gov](mailto:bwright@usgs.gov)

[The National Map](#) - Your Source for Topographic



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**Subject:** Re: How USGS is supporting DOI priorities in AK

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On Wed, Feb 7, 2018 at 10:45 AM, Wright, Brian <[bwright@usgs.gov](mailto:bwright@usgs.gov)> wrote:  
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