



Nieuwsbrief 56

Juni 2017

Vikingen in het poolgebied

Vikingen in het poolgebied. Onder deze titel gaf Marjolein Stern haar Imaka-lezing op 29 mei jl. Zij heeft een aantal titels doorgegeven voor verdere bestudering van dit onderwerp.

Judith Jesch, *The Viking Diaspora*. Routledge, 2015. ISBN 9781138020795/764. € 33,99 (bol.com)

E.R. Barraclogh, *Beyond the Northlands*. Oxford University Press, 2016. ISBN 97801987-1248. € 26,39 (bol.com)

M. Stern & R. Dale, *The Viking Experience*. Carlton Publishing Group, 2015. ISBN 9780233004945. \$ 33,06 (Amazon.com)

Komende activiteiten Imaka

25 september 2017	Sean Desjardin, <i>Ecologie en etno-archeologisch onderzoek in Noord-Canada</i>
30 oktober 2017	Coco Smits, <i>Mijnbouw in Groenland</i>
27 november 2017	Richard Bintanja, <i>Het klimaat in het Arctisch gebied</i> en <i>De bijdrage van het KNMI aan SEES 2015</i>

Informatie over onze activiteiten vanaf januari 2018 geven wij in de Nieuwsbrief van september.

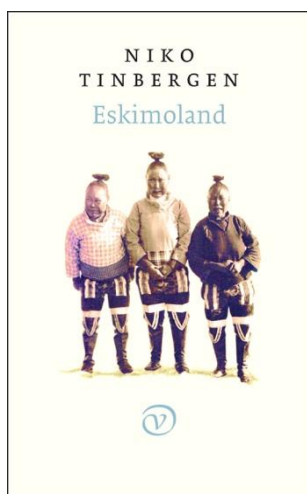
Agenda overige activiteiten

Tentoonstelling Canadese Inuit-kunst

In 2017 viert Canada zijn 150-jarig bestaan en legt de nadruk op diversiteit, verzoening met de inheemse bevolking, klimaatverandering en jongeren. Dit is voor het Volkenkundig Museum aanleiding voor een bijzondere galerijtentoonstelling over een van de inheemse bevolkingsgroepen van Canada, de Inuit. Deze tentoonstelling is nog te bezichtigen tot 7 januari 2018. Meer info:

<https://volkenkunde.nl/nl/tentoonstelling/canadeseinuitkunst>

Recent verschenen boeken en artikelen



ESKIMOLAND

Niko Tinbergen reist in het Internationale Pooljaar 1932-1933 per schip van Kopenhagen naar Groenland. De kort daarvoor gepromoveerde gaat, met zijn echtgenote Lies, een jaar doorbrengen in Eskimonederzettingen aan de oostkust van dat immense eiland.

Eskimoland is het frisse en heldere verslag van een geweldig jaar van vrijheid en schoonheid in de natuur.

Het boek verscheen voor het eerst in 1934 in een zeer kleine oplage en werd daarna volkomen vergeten. Van Oorschot heeft *Eskimoland* opnieuw uitgebracht, voorzien van een voorwoord door Tijs Goldschmidt.

Tinbergen, Niko *Eskimoland*, Van Oorschot, 2017, 212 pp. € 19,99. ISBN 97890282618976

AMAP-report *Snow, Water, Ice and Permafrost in the Arctic (SWIPA)*

Many people alive today will likely see the end of the Arctic as we know it

The vast expanses of summer sea ice trod by polar bears, the pods of narwhals coursing by, the day long herds of caribou crossing the tundra, all are threatened by current and future climate change. This change will have an impact on life in the Arctic, and in the rest of the world. This is the stark conclusion from the most complete assessment of Arctic climate in 6 years. The findings of the Arctic Council's *Snow Water, Ice and Permafrost in the Arctic (SWIPA)* report are released on 27th April 2017.

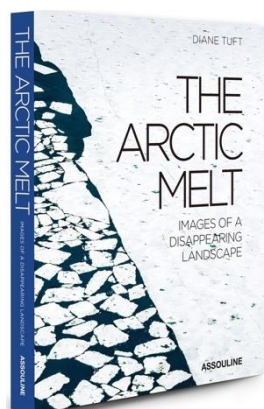
The report, written by more than 90 scientists, brings together scientific data from the past six years. The data show "...the Arctic will not return to previous conditions this century..." according to the climate scenarios considered by the report. Those scenarios, set by the Intergovernmental Panel on Climate Change (IPCC) are RCP 8.5 (broadly considered a "business as usual" approach with no major emissions cuts) and RCP 4.5 (considered to be the closest scenario to the commitments made under the Paris Agreement).

Lees de "summary for policy-makers" via de link:

<http://www.amap.no/documents/doc/snow-water-ice-and-permafrost.-summary-for-policy-makers/1532> of bekijk de informatieve video over dit rapport via:

<http://arctic.blogs.panda.org/default/changed-arctic-changed-world/>

Photo book *The Arctic Melt*



In her new book *The Arctic Melt* (Assouline, \$95), New York City-based photographer Diane Tuft confronts a swiftly changing landscape with her camera and an artistic eye, capturing vast swaths of sea ice, meltwater channels ripping through the Greenland Ice Sheet, and the crumbling mountain glaciers of Svalbard and Norway. The resulting images portray both an ethereal and ephemeral sense of beauty – a swan song for the landscapes we're about to lose, and an appreciation of their grandeur even in death.

Lees voor meer informatie het artikel van Gloria Dickie op:

https://www.newsdeeply.com/arctic/community/2017/04/04/the-arctic-is-ready-for-its-close-up?utm_campaign=86367249b3-EMAIL_CAMPAIGN_2017_04_07&utm_medium=email&utm_source=Arctic+Deeply&utm_term=0_6049fe392e-86367249b3-117599141

Nieuws en wetenswaardigheden

Southern Ocean warming delayed by circumpolar upwelling and equatorward transport

Kyle C. Armour, John Marshall, Jeffery R. Scott, Aaron Donohoe & Emily R. Newsom

The Southern Ocean has shown little warming over recent decades, in stark contrast to the rapid warming observed in the Arctic. Along the northern flank of the Antarctic Circumpolar Current, however, the upper ocean has warmed substantially. Here we present analyses of oceanographic observations and general circulation model simulations showing that these patterns—of delayed warming south of the Antarctic Circumpolar Current and enhanced warming to the north—are fundamentally shaped by the Southern Ocean’s meridional overturning circulation. Wind-driven upwelling of unmodified water from depth damps warming around Antarctica; greenhouse gas-induced surface heat uptake is largely balanced by anomalous northward heat transport associated with the equatorward flow of surface waters. And heat is preferentially stored where surface waters are subducted to the north. Further, these processes are primarily due to passive advection of the anomalous warming signal by climatological ocean currents; changes in ocean circulation are secondary. These findings suggest the Southern Ocean responds to greenhouse gas forcing on the centennial, or longer, timescale over which the deep ocean waters that are upwelled to the surface are warmed themselves. It is against this background of gradual warming that multidecadal Southern Ocean temperature trends must be understood.

Bron: Nature Geoscience, <http://www.nature.com/ngeo/journal/vaop/ncurrent/full/ngeo2731.html>

Northwest Passage Still Out of Reach Despite Rise in Shipping Traffic

Researchers have charted an increase in Arctic shipping numbers, but Canada’s Northwest Passage is unlikely to become a regular route any time soon, due to the enduring presence of hard, thick, multi-year sea ice in the more northerly channels.

Photo: Ice chunks are seen in the Northwest Passage near the CCGS Amundsen, a Canadian research ice-breaker navigating in the Canadian High Arctic in Sept. 2015.AFP/CLEMENT SABOURIN

Last summer, when the *Crystal Serenity* weaved through Canada’s Arctic maze, it became the first large-scale, luxury cruise ship to transit the Northwest Passage. The voyage made ominous headlines around the world, from the *Telegraph*’s “The World’s Most Dangerous Cruise?” to *Slate*’s “The Upside of Global Warming: Luxury ‘Northwest Passage’ Cruises for the Filthy Rich.” It was an unprecedented voyage. And so was the transit, three years earlier, of the first bulk cargo carrier to make it through the passage, the *Nordic Orion*. Both were hailed as evidence of a new era of Arctic shipping.

A new study, however, complicates that narrative. Researchers in Ontario have conducted the first detailed, long-term spatial analysis of shipping activity in Canada’s icy northern waters and their results show that Arctic shipping has been on the rise for longer than many of us realize. Conversely, the research shows that some areas of the Canadian Arctic – including most of the northern route of the fabled Northwest Passage – are still essentially no-go zones.



Lees het hele artikel: <https://www.newsdeeply.com/arctic/articles/2017/02/24/northwest-passage-still-out-of-reach-despite-rise-in-shipping-traffic>

Websites

Arctisch Nieuws: <https://www.newsdeeply.com/arctic>

Seabird Tracking: <http://www.seabirdtracking.org/>

The Global Seabird Tracking Database – one of the biggest marine conservation collaborations in the world - has just passed 5 million data points. The database, originally called ‘Tracking Ocean Wanderers’, was established in 2003, when data on the movements of 16 species of Albatross and Petrel were brought together for the first time. From albatrosses to penguins, the database now holds more than five times as many species, provided by over 120 research institutes.

Bron: <http://www.birdlife.org/worldwide/news/world%E2%80%99s-biggest-seabird-tracking-database-shows-their-incredible-journeys>

Archief Imaka-Nieuwsbrieven: <http://www.rug.nl/research/arctisch-centrum/imaka/nieuwsbrieven/>