LOOKING FOR (ARCTIC) INDIGENOUS HEALTH INFORMATION:
databases, hedges, & international options

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USA EFFORTS

• Arctic Health website
• UNM Native Health

• Member of the Arctic Council – US becomes chair again in May 2015
• Arctic Human Health Initiative (IPY)
Publications Database: PubMed, gray literature, reports, etc.

Climate Change

Media: slides, streaming videos
Changing Climate, Changing Health, My Stories, Frostbite slides, Nutrition Slides...

Traditional Healing

Food, Air Water

Governments and Organizations

http://arctichealth.nlm.nih.gov/
ARCTIC INDIGENOUS PEOPLES
PUBLICATIONS: DATABASES

Canada
• ASTIC
• ArcticNet
• Circumpolar Health Bibliographies
• Inuvialuit Settlement Region
• Naasautit: Inuit Health Statistics
• Nunavik Bibliography
• PolarInfo
• Univ. of Manitoba Aboriginal Health Collection
PUBLICATIONS: DATABASES - 2

Norway
  • High North Research Documents

Russia
  • Electronic Memory of the Arctic – primarily in Russian

USA
  • Arctic Health Publications
  • RePORTER – NIH Research Portfolio Online Reporting Tool
  • University of New Mexico Native Health
SEARCHING FOR PUBLICATIONS: MESH

• Search for **indigenous** retrieves:
  • Health Services, Indigenous; Population Groups; Medicine, Traditional; Medicine, Mongolian Traditional
  • then plants “indigenous to the Amazon”, etc.

• Search for **Alaska Natives** retrieves: **nothing**

• NLM catalogers/indexers use **Indians, North American** “North American ethnic groups with ancient historical ancestral origins in Asia”

• Search NIH.GOV for Alaska Natives:
  **American Indian / Alaska Native**
Currently, the hedge we’ve created retrieved:

~218,000 articles
1 General Arctic
2 General Indigenous
3 Alaska place names
4 Alaska geographic features
5 Alaska indigenous groups and languages
6 Canada regions and provinces
7 Canada place names
8 Canada geographic features
9 Canada indigenous groups & languages
10 Denmark
11 Greenland
12 Finland
13 Iceland
14 Norway
15 Russia
16 Scandinavia
17 Sweden
18 Arctic Council observer states
GENERAL ARCTIC

PLACE NAMES ALASKA & CANADA

DENMARK, GREENLAND, FINLAND, ICELAND, NORWAY, RUSSIA, SCANDINAVIA, SWEDEN

OR "Denmark"[Mesh] OR "Faroe Islands"[TIAB] OR "Faroese"[TIAB]


OR "Finland"[Mesh] OR "Aland Islands"[TIAB] OR "Lapland"[TIAB] OR "Oulu"[TIAB]

OR "Iceland"[Mesh] OR "Reykjavik"[TIAB]


OR "Sweden"[Mesh] OR "Umea"[TIAB]
WHY MENTION THE ARCTIC COUNCIL?

• Their working groups create reports, documents, and white papers along with recommendations.
• These items live on their website … someplace….
Arctic Council Structure

2013 – 2015 Chairmanship: CANADA

*Six indigenous groups (“Permanent Participants”) participate at all levels*

**Ministers**

- Task Force on Oil Spill Prevention
  - Co-chairs: RF, NO

- Senior Arctic Officials (SAOs)
  - Circumpolar Business Forum Task Force
    - Co-chairs: CA, FI, IC, RF
  - Task Force on Science Cooperation
    - Co-chairs: US, RF, SE

**Working Groups**

- Arctic Monitoring and Assessment Program (AMAP)
  - Chair: Denmark
  - U.S. representative: WH/GCRP

- Arctic Contaminants Action Program (ACAP)
  - Chair: Finland
  - U.S. representative: EPA

- Protection of the Arctic Marine Environment (PAME)
  - Chair: Iceland
  - U.S. representative: DOC/NOAA

- Emergency Prevention Preparedness and Response (EPPR)
  - Chair: Norway
  - U.S. representative: DOE/NNSA

- Conservation of Arctic Flora and Fauna (CAFF)
  - Chair: Canada
  - U.S. representative: DOI/FWS

- Sustainable Development Working Group (SDWG)
  - Chair: Canada
  - U.S. representative: DOS
Twelve non-arctic countries

- France
- Germany
- The Netherlands
- Poland
- Spain
- United Kingdom
- People’s Republic of China
- Italian Republic
- State of Japan
- Republic of Korea
- Republic of Singapore
- Republic of India

Nine Intergovernmental organizations

- International Federation of Red Cross & Red Crescent Societies
- International Union for the Conservation of Nature
- Nordic Council of Ministers
- Nordic Environmental Finance Corporation
- North Atlantic Marine Mammal Commission
- Standing Committee of the Parliamentarians for the Arctic Region
- U.N. Economic Commission for Europe
- U.N. Development Program
- U.N. Environment Program

Eleven non-government organizations

- Advisory Committee on Protection of the Seas
- Arctic Cultural Gateway
- Association of World Reindeer Herders
- Circumpolar Conservation Union
- International Arctic Science Committee
- International Arctic Social Sciences Association
- International Union for Circumpolar Health
- International Work Group for Indigenous Affairs
- Northern Forum
- University of the Arctic
- World Wide Fund for Nature-Global Arctic Program
SEARCHING THE OBSERVER COUNTRIES

10/6/2014 results

<table>
<thead>
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<th>Search</th>
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With Human limit - first 10

• Exposure to perfluoroalkyl substances and sperm DNA global methylation in Arctic and European populations

• Exposure to perfluorinated compounds and human semen quality in Arctic and European populations

• Operating in the cold weather environment—a medical officer’s perspective

• Running (Antarctic Regions, Arctic Regions, Dentists*, Humans, Nepal, Running*, South Africa, Tibet)

• John Rae (1813-93), Kirkwall, Orkney

• Drawing arctic circles

• Latitude-of-birth and season-of-birth effects on human color vision in the Arctic

• Emergence of Arctic-like rabies lineage in India

• The enigmatic epidemiology of nasopharyngeal carcinoma.

• Environmental costs of mercury pollution
Without Human limit

- M. Exposure to perfluoroalkyl substances and sperm DNA global methylation in Arctic and European populations
- Worms from the Arctic are better adapted to freezing and high salinity than worms from temperate regions: oxidative stress responses in Enchytraeus albidus
- Patterns of nucleotide diversity of the ldpA circadian gene in closely related species of cyanobacteria from extreme cold deserts
- Delayed build-up of Arctic ice sheets during 400,000-year minima in insolation variability.
- Exposure to perfluorinated compounds and human semen quality in Arctic and European populations
- Past extreme warming events linked to massive carbon release from thawing permafrost Pleistocene climatic oscillations and the speciation history of an alpine endemic and a widespread arctic-alpine plant
- Airborne fission products in the High Arctic after the Fukushima nuclear accident
- Atmospheric concentrations of halogenated flame retardants at two remote locations: the Canadian High Arctic and the Tibetan Plateau
- Polyfluorinated compounds in the atmosphere along a cruise pathway from the Japan Sea to the Arctic Ocean
Coastal erosion

Kivalina

Permafrost thaw in Siberia = unplugging your freezer

Organic pollutants
HEALTH PROJECTS

- Arctic Human Health Initiative
  - [http://www.consortiumlibrary.org/aml/ahhi/](http://www.consortiumlibrary.org/aml/ahhi/)
- Tromsø Declaration of 29 April 2009
- "increased focus on human health ... establishment of the Arctic Human Health Experts Group (AHHEG)"
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<th>Mental health &amp; suicides</th>
<th>Diet &amp; nutrition</th>
<th>Health care</th>
<th>Inequalities in health</th>
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<td>Reduce inequalities</td>
<td>Monitor health effects of climate change</td>
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<td>Tobacco</td>
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<td>Unintentional injuries</td>
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<td>Better health for $$ allocated</td>
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ARCTIC PEOPLE

BIODIVERSITY

The Arctic contains many species not found elsewhere, and many habitats and ecological processes and adaptations that are unique. These include the seasonal bursts of life on land and in the ocean, the ability of some plants to survive extreme cold and dryness. Read more...
ARCTIC COUNCIL DOCUMENTS

• Use the search box on the document archive page for the Arctic Council. Enter a very simple search

• Check the Working Group website

• If you know when it was published, check the Senior Arctic Official meeting documents for that year

• If you don't know when the document might have been created, but you have a good idea of the content, contact the Secretariat

acs@arctic-council.org
Thank You!

Questions?

Looking East

Looking Northwest