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The New York Times

September 23, 2003

Spawning Salmon Haul Toxins to Alaska Lakes, Experts Find

By ANAHAD O'CONNOR

<http://www.nytimes.com/2003/09/23/science/spawning-salmon-haul-toxins-to-alaska-lakes-experts-find.html>



- Education: Diplom in Biology (1998); Ph.D. in Biology / Environmental Toxicology (2006), post-doctoral studies (until 2011)
- Cycling of contaminants in the environment, human health impacts
- Working for the Inuit Circumpolar Council (ICC) – Canada since 2008
- Contaminant research, making knowledge accessible, research to policy translation, policy advice, communication
- Representing ICC in international fora (Arctic Council, United Nations)
- 2016 – co-founded ScienTissiME

Issues in the Arctic

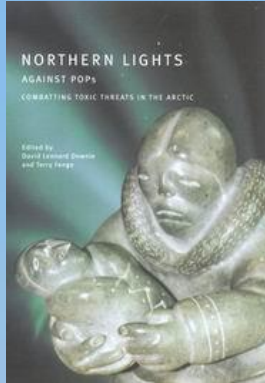
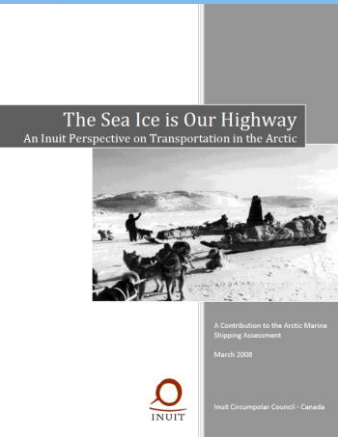


Climate change effects:

- Environment (melting sea ice, permafrost)
- Mobilizing contaminants
- Resource development (oil & gas, mining, shipping)
- Wildlife (population, individuals: timing of migration, behavioral ecology changes, abundance; unhealthy animals)
- Hunting, food security (melting ice cellars, impacted wildlife, food sovereignty), social-cultural impacts
- Inuit health & wellbeing

Ground under home in Shishmaref, Alaska collapsing from erosion.

Important Considerations



- Self-determination
- Arctic Indigenous Peoples are rights holders (not stakeholders)
- Proper (!) involvement in all aspects of research, from start (planning) to finish (dissemination of information and data management)
- High need for capacity building
- Positive examples: Partnership with Canadian government, (example of Northern Contaminants Program), Arctic Council – engagement depends on funding from individual countries



Picture: Eva Kruemmel

