

# Water Security in the Arctic

Perspectives from the Model Arctic Council



University of Alaska Fairbanks | March 2016

# MAC Objectives

- develop students' knowledge of the Arctic as a region, of circumpolar politics, and of northern Indigenous peoples
- increase students' understanding of Arctic Council objectives and processes
- prepare students to assume leadership roles in the circumpolar north
- enhance student and faculty collaboration among UArctic institutions.



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**Shared Voices Magazine 2016**  
UArctic's annual magazine is now available.

### Latest News

- Labrador Institute's first International Indigenous Intern selected**  
Mon, Sep 19, 2016
- Student Awards at UArctic Congress 2016**  
Mon, Sep 19, 2016
- SubZero network's traveling exhibition "Visualizing Environmental Change"**  
Sat, Sep 17, 2016
- SPbU: We still have time to save the Arctic**  
Fri, Sep 16, 2016
- Historic UArctic Congress Concludes in St. Petersburg**  
Fri, Sep 16, 2016

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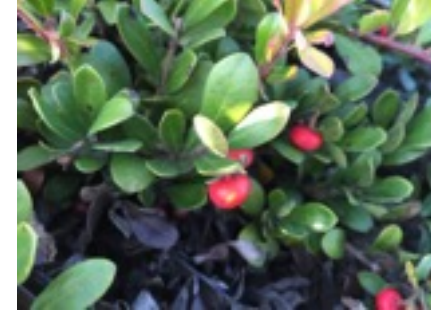


SDWG: Arctic WASH Project

# Stephen Penner

MAC Role: Arctic Athabaskan Council

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Denah O'tanah! We are the people of the land.

non Indigenous person to act in the place of an  
Indigenous organization

Greater understanding of positionality and place = positive  
experiential learning.



# Sharon Hildebrand

MAC Role: U.S. Representative

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<http://youtu.be/rb3yiiNOWz0>

# Carolyn Kozak

## MAC Role: U.S. Representative

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Over 5,000 Alaskans Unserved

Complex Challenges

Fail Attempts

Value of  
Simulation





## **FAIRBANKS DECLARATION** (excerpt)

**Affirm** three central themes for the Improving Health Through Safe and Affordable Access to Household Running Water and Sewer (WASH) project: social justice, economic sustainability, and environmental protection,

**Confirm** a report on climate change vulnerabilities and adaptation strategies is needed pertaining to Arctic community water and sewer systems, including source water protection, to be presented to the Arctic Council following the September 2016 Sustainable Development Working Group meeting,

**Confirm** participation by the Member States and permanent participants at the Water Innovations for Healthy Arctic Homes (WIHAH) conference in Anchorage, Alaska, September 18-21 2016, Reaffirm the need to establish metrics and best practices for monitoring implementation, led by the Arctic Council Permanent Participants,

**Reaffirm** the need to establish metrics and best practices for monitoring implementation, led by the Arctic Council Permanent Participants

# LEARNINGS FROM MAC

The effects of climate change are felt more acutely by those who are the most remote.



Time for research and time for action

We are stronger when we  
SHARE

THE ARCTIC IS WHERE TEK COMES  
CLOSEST  
TO THE WESTERN SCIENTIFIC PARADIGM

CONSENSUS IS TOUGH PILL TO SWALLOW BUT IT DOES LEAD  
TO PROGRESS

# EMPOWERMENT FROM MAC

AMAZING NEW COHORT TO CARRY THE  
MESSAGE OF THE ARCTIC TO THE SOUTH

Taking action on matters of importance to  
Arctic communities



# Questions

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Sharon Hildebrand  
Carolyn Kozak  
Stephen Penner

Masee' – Thank you