

Interior Issues Council Climate Change Task Force Meeting

Weds. Feb. 27, 9:00-11:00am; FEDC Offices, 301 Cushman St., Suite 301.

DRAFT AGENDA

9:00-9:05; 5 min	Welcome	James Whitaker, FNSB Mayor
9:05-9:10; 5 min	Goals for Today 1) Give background on process and project 2) Build a climate change task force team 3) Identify sector teams and chairs	Luke Hopkins Karl Monetti Sarah Trainor
9:10-9:20; 10 min	Introductions Around	
9:20-9:50; 30 min	Overview of the ICLEI Process <ul style="list-style-type: none">• What ICLEI can offer us• Overview of 5 milestone steps• Lessons learned by other communities	Margit Hentschel, Walsh Environmental/ Ecology & Environment Amy Shatzkin & Bill Bradley, ICLEI Northwest Region
9:50-10:00; 10 min	Overview of the ICLEI Program <ul style="list-style-type: none">• Lessons and perspectives from the ICLEI program manager	Josh Foster, NOAA Program Coordinator, Former ICLEI Program Manager
10:00-10:10; 10 min	Overview of the Alaska Center for Climate Assessment & Policy (ACCAP)	Dan White, Principal Investigator, Alaska Center for Climate Assessment & Policy
10:10-10:20; 10 min	BREAK	
10:20-10:25; 5 min	Review Sector List and Time Line (Available at: http://investfairbanks.com/climate.htm)	Sarah Trainor
10:25-10:50; 25 min	Identify chairs, teams, and action items for each sector.	Luke Hopkins & Karl Monetti
10:50-11:00; 10 min	Review action items. Confirm next meeting date and goals.	Karl Monetti

Next Meeting: Weds. March 5

Goals/Agenda:

1. Nancy Fresco present summary of projected climate changes for FNSB
2. Report on outreach message
3. Report on planning areas (Ch. 7, King County Guidebook)
4. Report on sensitivity analysis (Ch. 8 King County Guidebook, as ready)
5. Discuss reports among sectors, see overlap, determine if some sectors can be combined, if one needs more members, etc
6. Define goals for next mtg based on outcome of this one

1 By: Luke Hopkins
2 Mike Musick
3 Victoria (Torie) Foote
4 Valerie Therrien
5 Introduced: 09/13/07
6 Adopted: 09/13/07
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9 THE FAIRBANKS NORTH STAR BOROUGH

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11 RESOLUTION NO. 2007-40

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13 A RESOLUTION COMMITTING TO THE DEVELOPMENT OF A LOCAL CLIMATE
14 CHANGE IMPACT PLAN
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16 WHEREAS, the Fairbanks North Star Borough Assembly has recognized
17 the need to develop a community understanding of the potential impacts, adaptation to,
18 and opportunities from climate change and learn what local actions could be taken and
19 then consider appropriate steps to address these issues; and
20

21 WHEREAS, numerous Alaskan commissions and panels charged with
22 identifying Alaska's climate change indicators, have been considering the local impacts
23 measured through research and observations. These include the University of Alaska
24 International Polar Year Scenarios Network for Alaska Planning (SNAP) activities,
25 Alaska Center for Climate Assessment and Policy (ACCAP) research on public
26 infrastructure impact costs, the Denali Commission's community surveys, Governor
27 Palin's Sub-Cabinet Panel on Climate Change, and the Alaska Army Corp of Engineers;
28 and
29

30 WHEREAS, numerous University of Alaska scientists have presented
31 information developed from their research that points to both short term and long term
32 impacts to the natural environment and surrounding communities, including forest fire
33 response management; and
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35 WHEREAS, local actions to increase energy efficiency and alternative
36 energy developments are expected to reduce the high cost of energy needed to heat
37 our homes and our businesses and, when incorporated into a borough energy plan that
38 would reduce the use of fossil fuels, will be effective in adapting to climate impacts,
39 producing financial savings, strengthening our economy, improving air quality and lead
40 to a healthier, sustainable community.
41

42 NOW THEREFORE, BE IT RESOLVED that the Fairbanks North Star
43 Borough Assembly commits to participate in the Climate Resilient Community five
44 milestone plan and, as participant, will promote public awareness of the benefits of
45 developing and implementing an action plan that improves our local economy, and
46 protects our resources and borough residents.

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BE IT FURTHER RESOLVED that the Fairbanks North Star Borough Assembly requests the Mayor to participate in the International Council for Local Environmental Initiatives (ICLEI) Climate Resilient Community grant program to specifically develop our local five milestone plan that includes:

Milestone 1. Study and assess climate vulnerability

The Fairbanks North Star Borough shall work with local and agency experts and University of Alaska scientists to assess vulnerabilities and opportunities associated with climate change.

Milestone 2. Set goals and prioritize

Based on the assessment, the borough shall develop a prioritized list of goals and targets that reduce climate vulnerabilities and enhance opportunities, including goals based on a Borough energy plan that prioritizes cost savings and improvements to air quality (PM 2.5). Acquire commitments from the public and stakeholders to address these goals.

Milestone 3. Develop an action plan

Produce a concise plan that describes the actions and policies for

A) Adapting to climate change by reducing the negative impacts and taking advantage of opportunities, and B) opportunities made available from reducing the use fossil fuels through alternative energy uses, increases in energy efficiency and conservation. The plan will include a description of timing, financing, and responsible parties. Potential partners from the community include University of Alaska, non-profit organizations, agencies, and private businesses.

Milestone 4. Implement the action plan

Borough administration and potential partners will implement the action plan that includes a time line.

Milestone 5. Monitor efforts and re-evaluate the action plan

Document results and accomplishments toward the goals in the action plan. Re-evaluate, revise, and determine if an alternative approach is necessary to reach the goals set in the action plan. Report updates to the public, local governmental bodies and experts to evaluate progress toward the goals.

BE IT FURTHER RESOLVED that the Fairbanks North Star Borough requests assistance from ICLEI's Climate Resilient Community program as our borough progresses through the milestones.

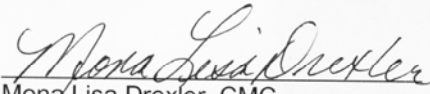
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PASSED AND APPROVED THIS 13TH DAY OF SEPTEMBER 2007.



Luke Hopkins
Presiding Officer

ATTEST:



Mona Lisa Drexler, CMC
Municipal Borough Clerk

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Ayes: Bartos, Beck, Frank, Foote, Winters, Musick, Therrien, Hopkins
Noes: None
Excused: Rex

suggested checklist for governments on how to prepare for climate change

MILESTONE 1: Initiate your climate resiliency effort (Chapters 4-7)

- Scope the climate change impacts to your major sectors (Chapter 4)
- Pass a resolution or administrative order directing your government to prepare for climate change (Chapter 4)
- Build and maintain support to prepare for climate change (Chapter 5)
- Build your climate change preparedness team (Chapter 6)
- Identify your planning areas relevant to climate change impacts (Chapter 7)

MILESTONE 2: Conduct a climate resiliency study (Chapters 8-9)

- Conduct a climate change vulnerability assessment (Chapter 8)
- Conduct a climate change risk assessment (Chapter 9)
- Prioritize planning areas for action (Chapter 9)

MILESTONE 3: Set preparedness goals and develop your preparedness plan (Chapter 10)

- Establish a vision and guiding principles for a climate resilient community
- Set your preparedness goals
- Develop, select and prioritize your preparedness actions

MILESTONE 4: Implement your preparedness plan (Chapter 11)

- Ensure that you have the right implementation tools

MILESTONE 5: Measure your progress and update your plan (Chapter 12)

- Develop and track measures of resilience
- Update your plan

ICC CCTF
DRAFT TIMELINE

Dec. 2008 –

Co-Chairs established and met to draft mission statement, outline key borough sectors and begin to identify key individuals to have involved.

Jan 2008 –

Co-Chairs met with Borough Mayor and FEDC .President/CEO and Executive Assistant to the Interior Issues Council.

Feb. 2008 –

First open meeting.

[meet approx. bi-weekly....individual meeting agendas and goals to be determined]

May 15, 2008 – Milestone 1. Completed study and assessment of climate vulnerability

June 15, 2008 – Milestone 2. Set goals and prioritize

Sept. 1, 2008 – Milestone 3. Develop an action plan
Draft plan to public for review

Jan. 15, 2009 –

Finalized plan to FNSB

Feb. 15, 2009 – Milestone 4. Implement action plan
On-going monitoring of implementation

May 1, 2009 – Milestone 5. Monitor efforts and re-evaluate action plan
Draft report on monitoring and evaluation

June 1, 2009 - Final report on monitoring and evaluation

SECTORS FOR CLIMATE CHANGE
IMPACTS, ADAPTATIONS AND OPPORTUNITIES

INTERIOR ISSUES COUNCIL CLIMATE TASK FORCE
We recommend building a task force work team to include these areas:

	IMPACTS	MECHANISM
1.	<p>Public and Private Infrastructure; Facility Administration & Maintenance</p> <p>FNSB Department: Public Works, Solid Waste, Facilities Maintenance</p>	Permafrost thaw – damage to public and private infrastructure (i.e. roads, airport runways, sewer & water systems, buildings, bridges, etc.)
2.	<p>Emergency Response/Preparedness</p> <p>FNSB Departments: Emergency Operations, Public Works, Rural Services,</p>	<p>Increased wildfire activity – fire suppression; evacuation, Red Cross, communications, logistics coordination, etc.</p> <p>Permafrost thaw - Toxic/hazardous release from compromised tank farms, sewage lagoons, garbage dumps, oil pipeline</p> <p>Changes in seasonality, winter freezing rain events – police and emergency response for traffic accidents</p> <p>Changes in seasonality, warmer spring and autumn temps – emergency response, hazardous travel on partially frozen waterways</p> <p>Changes in precipitation and permafrost thaw – potential flooding</p>
3.	<p>Public Health</p> <p>FNSB Departments: Emergency Operations, Transportation, OTHER?</p>	<p>Increased wildfire activity – air quality/ smoke</p> <p>Summer heat-waves</p> <p>Insects</p> <p>Disease</p>
4.	<p>Land Use</p> <p>FNSB Department: Land Management</p>	<p>Increased wildfire activity – on-going maintenance for hazard fuel reduction</p> <p>Permafrost thaw</p> <p>Changes in seasonality, warmer spring and autumn temps. – changes in vegetation, invasive species</p>
5.	<p>Hydrology and Water Resources</p> <p>FNSB Department:</p>	Changes in precipitation and permafrost thaw – water supply and access, water quality; potential flooding (see also Emergency Response)
6.	<p>Borough Administration & Intergovernmental</p> <p>FNSB Department: Mayor’s Office</p>	<p>State and/or federal CO² mitigation policy – direct and indirect costs of potential mitigation policy, potential incentives for renewable energy development</p> <p>Coordinate with state and federal climate change activities</p>
7.	<p>Tourism & Recreation</p> <p>FNSB Department: Economic Development</p>	<p>Increased wildfire activity – potential impacts re summer smoke</p> <p>Changes in seasonality – decreased reliability on good snow for winter recreation (dog mushing, snow machining, skiing, dependable sub-zero conditions for ice</p>

		festival), potential changes in habitat and migrations of game animals (hunting), song birds and migratory water fowl.
8.	Subsistence and Other Native Impacts Representative from Tanana Chiefs Conference	Changes in seasonality and precipitation – changes in vegetation, animal and fish habitat and migrations
9.	Other Economic Impacts FNSB Department: Economic Development	Permafrost thaw, increased wildfire activity, changes in seasonality – impacts on mining industry, insurance, cost financing, military (including Stryker training), energy providers (ice roads for oil exploration, infrastructure, cost of energy)
	OPPORTUNITIES	MECHANISM
1.	Potential increased economic activity from fire fighter service FNSB Department: Economic Development	Increased wildfire activity
2.	Opportunity for increased agricultural activity, including biomass for fuel to match increased demand for biomass for energy generation and land use planning. FNSB Department: Economic Development	Changes in seasonality, warmer spring and autumn temperatures, increased precipitation
3.	Economic opportunities in jobs and increased borough cost savings FNSB Department: Facilities Maintenance	Borough purchasing, energy conservation (including heating and lighting), reduced consumption and waste, retrofitting, recycling Increased demand for local employment in energy raters, designers, builders, and skilled labor in retrofit projects Potential for cost savings in planned infrastructure retrofit rather than full replacement; embodied energy (see #1 under Impacts). Saved money stays in the community
4.	Opportunities for attracting tourism and retirees FNSB Department: Economic Development	Changes in seasonality, warmer spring and autumn temps.
5.	Transportation FNSB Department: Transportation	Opportunity for energy conservation, CO ² mitigation. Potential for double advantage w/ PM 2.5. Transportation corridor planning (including bike paths), public transit options
6.	Construction FNSB Department: Economic Development, Facilities Maintenance	Changes in seasonality – more cost effective construction season (shorter winter, longer summer).

	Additional Team Members	
1.	Science Advisor UAF Scientist	To help task force work team understand the scientific aspects of climate change, projected regional impacts, the confidence of projections and scientific research related to climate change.
2.	Outreach and Education FNSB Department: Mayor's Office FNSB School District UAF Co-operative Extension Service	To build communication between the task force work team, the larger Fairbanks community, the public, and the schools.
3.	Financial Expert	To locate financial resources to ensure milestones can be completed.

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