



FJMC Mentoring Program

Future Co-managers Home-Grown in the ISR

For the past four years, FJMC has offered its Student Mentoring Program in co-operation with DFO to encourage Inuvialuit youth to finish high school and continue with their studies so they can become the ISR's future scientists and resource managers. Five students participated this summer including returning program veterans, Northern Beattie and Christine Inglangasuk, plus three new high school students from Inuvik and Holman. Our students had some great job placements this year, working with DFO scientists on a variety of projects including fish genetics work at DFO's Freshwater Institute in Winnipeg, beluga disease and contaminant sampling at Kendall Island, and a marine fish feeding study in Holman. We also kept sponsors, supporters, and community members informed throughout the summer with *Fish Tales*, our new student newsletter that was produced by senior mentoring student, Christine Inglangasuk. It is unfortunate that the three new high school students did not stay with us for the whole summer. Disappointment aside, this has been a learning experience for us and we hope to revise our student selection process for next year to find the most committed students that are the best fit with our program. Thanks to all the DFO scientists who provided student work placements and the following funding organizations that made it all possible - Fisheries Joint Management Committee, Joint Secretariat, Inuvialuit Regional Corporation, Department of Fisheries & Oceans, Government of the Northwest Territories - Department of Education, Culture & Employment, and Enbridge Inc.

Ed McLean
FJMC



Senior students Northern & Christine pose with family and JS Director after their final presentations in August



Yes folks, here's the second issue!

(Just to prove that the first one wasn't a "flash in the pan"!)!

The beginning of the year was a very busy time for all staff, and it looks as if the end of the year will be even busier.

In addition to providing summer student opportunities and work experience for beneficiaries this summer, the staff had considerable involvement in the highly successful North Slope Conference.

The accelerating pace of gas exploration activity in the region is also keeping everyone busy, especially the Screening and Review process, which has undertaken its fourth public review, the Kuñnek Reindeer Project, whilst maintaining its increasingly active screening schedule.

And it's only just beginning...(again)!

- Norm Snow
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A Northerner At Heart

As Western Arctic residents impatiently awaited spring break-up, the return of the geese, and the re-appearance of the petroleum industry, a veteran of the first petroleum development wave departed the northern scene.

Dr. Tom Beck resigned as Chair of the Environmental Impact Screening Committee (EISC) June 9, 2000. Although the term of his appointment continued for another year, he left early, in his words, "as it would be most unfair to turn over a Screening Committee agenda crowded with petroleum development proposals to a newly appointed Chair."

Tom came into the Western Arctic over 30 years ago as Environmental Co-ordinator with Elf Oil Exploration and Production Canada Limited. The company had received permission from the federal government to carry on exploration activities in the Beaufort Sea, the Anderson Plain, and Banks and Prince Patrick islands, among other areas. Other oil companies had been active on the north coast and south of Tuktoyaktuk where their tracked equipment had cut ugly scars, still visible, in the sensitive tundra lying south of that community. This was the situation awaiting Tom on his arrival.

Tom had no problem knowing where to start - he had to understand and appreciate the very real and valid concerns being voiced by the Banks Island trappers. He found their concerns regarding the land to be deep and genuine. "They demonstrated a stewardship for their land that was wonderful and remarkable to

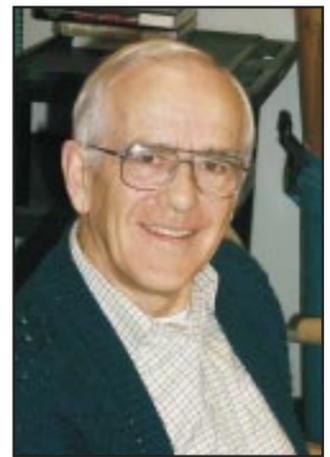
behold. To ensure that we, the intruders, appreciated and adopted a similar stewardship for the arctic environment, they requested that our activities take place in the winter months only. This suggestion came as a shock to the Industry - since a day of down time was costly, let alone months - but to the credit of Elf's management it was adopted as company policy after much heated boardroom debate."

Since the federal thrust into Canada's Arctic was seen to have sovereignty as well as exploration objectives, no specific agreement had been struck between Elf and the federal government regarding detailed operating procedures.

Therefore, the recommendations and traditional wisdom that Tom took away from his meeting with Banks Island trappers had a major effect upon the agreement as finalized and he believes "...provided the eventual framework for the Territorial Land Use Regulations developed by DIAND [Department of Indian Affairs and Northern Development] for application throughout the N.W.T."

The stewardship that Tom observed and learned about in his early years at Sachs Harbour he brought to his eight years of responsibility for the EISC. Tom never lost sight of the fact that the committee he Chaired is, in reality, part of a sophisticated and extensive environmental comanagement process.

In addition to his work with the EISC, Tom has been involved with a wide range of environmental consulting



activities both in Canada and overseas.

Tom was a commissioner with the Mackenzie Delta - Beaufort Sea Land Use Planning Commission (1987-92), member of the Alberta Government Wildlife Management Advisory Committee (since 1992), chairman of the Canadian Environmental Advisory Council (1978-87), chairman of the Canadian Environmental Assessment Research Council (1989-1992), a founder of the Alberta Wilderness Association, and a Fellow of the Arctic Institute of North America and the Royal Canadian Geographical Society - to name a few. In 1989, Tom received an honorary Doctor of Law Degree from the University of Calgary, where he has been a guest lecturer and Adjunct Professor since 1975. In addition to his many accolades, Tom has earned an entry in the Canadian Encyclopedia - of which he humbly acknowledges by saying "...don't be too impressed, I believe Howdy Doody is listed, as well". Well, we are impressed, and wish Tom a well deserved retirement with his wife, Shirley, in Calgary.



Inuvialuit Game Council



IGC September 2000 Meeting

Meetings, Meetings and More Meetings

Part of being a Game Council member involves attending meetings with various groups and government agencies. This late summer and early fall was an especially busy time. In September the IGC had representation at the Environmental Impact Review Hearing for the Kuñnek Resource Development Corporation's reindeer proposal. Game Council members also attended the North Slope Conference to discuss Yukon North Slope issues and how managing wildlife has changed since the signing of the IFA. Legislation amendments with various governments continues to be an active pursuit.

The renewed interest in oil and gas exploration in the Beaufort Delta has meant a lot more meetings for IGC representatives. In the last few months the Game Council has reviewed and commented on over half a dozen winter seismic project proposals submitted to the Environmental Impact Screening Committee. Company representatives have had several meetings with the HTC's and IGC representatives to talk about wildlife and habitat

concerns. One of the issues being discussed is how to deal with the cumulative effects of all of these projects combined across the delta, instead of just dealing with each project on its own. We want to make sure that after all this activity is over that we Inuvialuit still have the opportunity to harvest wildlife and be out on the land.

The IFA recognizes the Inuvialuit right to be consulted in decisions affecting the region. Game Council representatives must sometimes attend meetings outside the region to discuss territorial, national and international issues affecting the ISR. Although attending these meetings is time consuming and often tiring for those who must

travel and be away from their families, representatives want to make sure that Inuvialuit concerns about wildlife, harvesting and our rights are respected.

Sport Hunting

The IGC has been working with RWED and Aurora College to revise the sport hunting guide training program. A workshop to discuss the revised program is tentatively scheduled for February 2001 in Inuvik with ISR licensed guides and NWT sport hunt booking agents. A test of the program in Sachs Harbour has been suggested to see how well it works before the new program is accepted.

Traditional Knowledge

The Game Council participated in a local traditional knowledge study documenting a community's perspective on climate change and its effects on the resources and environment. In November this was presented at the United Nations' international conference held at "the Hague" in the Netherlands.

- **Katherine Thiesenhausen**
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Environmental Impact Screening Committee

New Faces

There are several new faces on the EISC. In June 2000, Bill Klassen was appointed as Chair by the federal government, and Chuck Hubert was appointed as the Yukon Territorial Government Member. Bill is a consultant from Whitehorse, Yukon, involved with natural resource management and environmental assessment. Chuck is an environmental assessment analyst with the Yukon Territorial Government Renewable Resources, also in Whitehorse. Bill and Chuck replace outgoing Chair Tom Beck (see front page) and Member Bruce McLean (1997-2000). The EISC also bid farewell to Canada Member, Tom Butters, who resigned in June after serving since 1995. His replacement has not been announced yet by the federal government.

Screening Business

The EISC office was kept busy this spring and summer as proponents readied themselves for summer activities. During the April meetings, the EISC approved Darnley Bay Resources' Nickel/Cadmium Exploration Program, the National Water Research Institute's permafrost research, Parks Canada's peregrine falcon survey in Ivvavik National Park, a study of ancient reefs on Banks Island by Laurentian University, a commercial hiking trip along the North Slope,

Queen's University's water quality assessment on Banks Island, and a proposal from River Road Films to film grizzly bear in Ivvavik National Park.

During the May meeting, the EISC decided that the following developments would have no significant negative environmental impact: plant systematics and evolution research by the Canadian Museum of Nature, Geological Survey of Canada (GSC) and McGill University's research titled Younger Dryas and Postglacial Threshold Events, research by the Department of Fisheries and Oceans and GSC to examine water levels during storms along the Beaufort Sea coast, relocation by Parks Canada of a water gauging station line cabin to Stokes Point, insect research conducted along the Horton River by the Royal Ontario Museum, and two projects proposed by Carleton University to study snow cover and ground surface temperature in permafrost, and ground ice in the Mackenzie Delta.

Also during the May meeting, Parks Canada asked EISC to consider screening national park management plans to provide a check and further insight into the government's draft plans. By resolution the EISC agreed to screen National Park management plans and interim management guidelines. The EISC also received a presentation from the U.S. Fish and Wildlife Service related to

a duck banding station it wishes to set up in the Mackenzie Delta in 2001.

During the July meeting, the EISC examined an application for federal crown land from F. Thistle of Inuvik, a plant study by the University of Manitoba, Gulf's Parsons Lake seismic research project, the Tukut Nogait National Park Interim Management Guidelines, and Darnley Bay Resources' proposed diamond exploration drilling program on the Parry Peninsula. Both Mr. Thistle's application for a lease and Parks Canada's interim management guidelines were found to be deficient and requests were made for re-submissions. The remaining developments were not considered to have the potential for significant negative impact.

During the August meeting, the EISC screened a proposal from the Inuvialuit Development Corporation to build a base camp at Swimming Point, and McGill University's research examining permafrost degradation in response to climate change in Yukon. Neither development was considered to have the potential for significant negative impact.

- **Linda Graf**
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Environmental Impact Review Board



EIRB Hearing for Reindeer Revitalization Project

The Kuñnek Review

The EIRB continues its review of a proposal by Kuñnek Resource Development Corporation to revitalize the reindeer herd in the Western Arctic. The general public shared their opinions about

the project with the Review Panel during workshops held in Inuvik, Aklavik, and Tuktoyaktuk during May and June. The EIRB also conducted a Special Investigation in May seeking information about reindeer herding techniques from several former reindeer herders in the Mackenzie Delta Region.

The EIRB accepted the proponent's Revised Environmental Impact Statement in June 2000 as suitable for the purposes of the public review. The Public Hearing was held 5-7 September 2000, following a 60-day review period as required by its Operating Procedures. The EIRB is presently preparing its formal decision to be relayed to the proponent, the Minister of Indian Affairs and Northern Development, and the Inuvialuit Land Administration.

Northern Chairs Meeting

In August, the Chairs of the EIRB and EISC met in Yellowknife with the Chairs of various northern land claim environmental assessment groups to discuss inter-jurisdictional projects, working relationships with the federal government, training and communication. Although trans-boundary projects and training remain topics for discussion, the Chairs noted that several other issues raised by the participants have been dealt with successfully by the EISC and EIRB over their sixteen years of operation.

- **Linda Graf**
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Fisheries Joint Management Committee



Frank Pokiak, our new MACO member

Nominee Appointed To National Council

FJMC is pleased to announce the appointment of Tuk resident, Frank Pokiak, to the Minister's Advisory Council on Oceans (MACO) – a national council that will provide the Federal Minister of Fisheries & Oceans (DFO) with expert advice on broad strategic issues relating to Canada's oceans. In September, Frank was selected to sit on this nine member Council from a field of over a hundred nominees from across Canada. As a lifetime coastal resident and active harvester with almost 20 years experience as a dedicated fish & wildlife co-manager, Frank Pokiak is well suited to serve the needs of the Western Arctic's ocean region on the verge of a

resurgence in hydrocarbon exploration and development.

Beluga Monitor Program Wrap Up

FJMC's beluga monitor program has just completed another season. In addition to providing vital statistics on harvested beluga, this year's program also supported DFO research involving the collection of beluga samples for contaminant analysis as well as disease and reproductive information. Many thanks to all the beluga monitors for their hard work over the summer - Danny A Gordon (Shingle Point), George Edwards (West Whitefish), Alex Elanik (Kendall Island), David & John Roland (East Whitefish), Rex Noksana (Hendrickson Island), Joseph Felix Jr. (Tuk Harbour), and Noel Green (Paulatuk).

Positioning For Oil & Gas Resurgence

In August, FJMC held a very successful one-day workshop on hydrocarbon development in the Inuvialuit Settlement. The purpose of the workshop was to inform our members and key DFO staff of potential oil & gas developments in the region. Three guests provided keynote presentations that covered a range of issues from industry's perspective on development scenarios

(Ian Scott, Canadian Association of Petroleum Producers) to environmental concerns associated with offshore (Rolph Davis, LGL Consulting) & onshore (Pete McCart, Aquatic Environmental Ltd) hydrocarbon exploration and production. FJMC is now better positioned to provide sound advice to our partners at Fisheries & Oceans Canada regarding issues related to the return of oil & gas to the Inuvialuit Settlement.

Conference Report Now Available

The summary report from the last September's Beaufort Sea 2000 Conference: Renewable Resources for Our Children is now available hot off the presses. This event, co-hosted by FJMC, brought together 144 representatives including local harvesters, scientists, resource managers, educators and students for a four day meeting in Inuvik to review our understanding of the renewable resources of the Beaufort Sea and to develop a collective management vision for the future. Contact Ed McLean at FJMC today to get your free copy of this informative report or visit us at our website at www.fjmc.ca and follow the links.

- **Ed McLean**
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Wildlife Management Advisory Council (NWT)

A New Chairman Appointed

The Wildlife Management Advisory Council (NWT) has a new look, as Larry Carpenter was appointed as Chairman in July 2000. Larry has played a vital role in wildlife



Larry Carpenter, new Chairman

management in the region for over ten years. He previously held the position of Chairman of the Inuvialuit Game Council and the Sachs Harbour HTC, and has represented the Inuvialuit internationally at the Convention on International Trade of Endangered Species (CITES) and the North Atlantic Marine Mammal Commission (NAMMCO). He is also currently a member of the Polar Bear Technical Committee.

Re-appointments

With respect to other membership on the Council, regular Inuvialuit member Arnold Ruben of Paulatuk, and alternate member Donald Inuktalik of Holman, have been re-appointed for another two-year term on the Council. They have provided a valuable contribution to the Council

and we look forward to their continued participation.

WMAC(NWT) Yukon Conferences

Although the summer was relatively quiet for the WMAC(NWT), the month of September was extremely busy. At the beginning of the month, the WMAC(NWT) actively participated in the environmental review of the Kuñnek Reindeer Revitalization Project, providing its perspective to the panel. Later in the month, the WMAC(NWT) held its regular quarterly meeting in Whitehorse, before attending the Yukon North Slope Conference and the AAAS Arctic Science Conference. The conferences provided a unique opportunity for the WMAC(NWT) members to share information and maintain cooperative relationships with other co-management boards, government agencies and researchers.

Preparing for the Boom

Due to the accelerating oil and gas activity in the region, members of the WMAC(NWT) attended a workshop on Cumulative Effects Assessment. The Delta region is preparing for significant development activity, and it will be important for

the WMAC(NWT) to have a sense of how these activities - individually or collectively - could affect the environment and wildlife. There is room for both development and traditional harvesting in the ISR; it is a matter of being well-informed and well-prepared.

Community Conservation Plans

Finally, the exercise to revise and update the six Community Conservation Plans is complete. All six plans are available in paper copy from the Joint Secretariat. They will soon be available in CD-ROM format and on the website. If you would like a copy of any of the plans, contact the Joint Secretariat at (867) 777-2828. Recognized internationally, these documents continue to represent one of the most important tools for the screening and review process in the ISR, and are a valuable resource for developers, researchers and beneficiaries.

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Wildlife Management Advisory Council (NS)

Meeting with AHTC

WMAC(NS) met with Aklavik HTC Directors during the Yukon North Slope Conference in Whitehorse, in September. Topics discussed included the upcoming review of the Herschel Island Management Plan, the Yukon North Slope Muskox Management Plan and the Yukon Wildlife Act Regulations. Also discussed was establishing a process for reviewing and approving wildlife research on the Yukon North Slope. WMAC(NS) and the HTC plan to meet again in December, in Aklavik.

Herschel Management Plan

Community consultations on the review of the Herschel Island Management Plan began in October. The Yukon Government is revising the Plan and wants to hear community concerns and suggestions regarding the management of the Herschel Island Territorial Park. There are a series of public meetings being planned for Aklavik and Inuvik, as well with the HTCs in both of those

communities. The October meetings were the first in a series of meetings to take place as a part of the review process. Watch for the times and locations of further public meetings in your community.

Muskox Management Plan

A draft of the Yukon North Slope Muskox Management Plan was completed in the fall. Consultations on the Plan were held in a number of Yukon and NWT communities. The Plan is an important step in establishing an Inuvialuit quota for muskox on the Yukon North Slope.

Canadian / U.S. Cooperation

Last year Alaskan and Canadian representatives met to consider the potential for cooperative management of the North Slope muskox population. Many issues were discussed including the development of management plans for the area, the setting of harvest levels and the establishment of collaborative research. A second meeting is planned to take place in Anchorage in

December to continue the discussion of last year. This is important in order to ensure an effective working relationship between all agencies responsible for the management of the North Slope muskox. WMAC(NS), the Inuvialuit Game Council, the Aklavik Hunters and Trappers Committee, the Yukon Department of Renewable Resources, Parks Canada, and the GNWT Department of Resources, Wildlife and Economic Development will be sending representatives.

Yukon North Slope Conference

WMAC(NS) was an active participant in the planning of the Sixth Yukon North Slope Conference. Many hours were devoted to securing the conference's speakers and the resource people for the workshops. Inuvialuit participated as co-facilitators in all the workshops. Thanks to all of those who participated in the event!

- **Aileen Horler**
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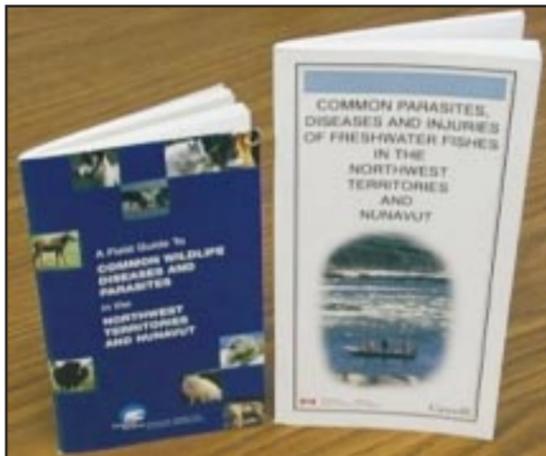
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Joint Secretariat provides administrative and technical support to the wildlife and environmental co-management boards set up pursuant to the Inuvialuit Final Agreement and to the Inuvialuit Game Council.

Upcoming Meetings...

EISC - 4-5 December 2000	Inuvik
23-25 January 2000	Inuvik
12-14 March 2001	Inuvik
FJMC - January 2001 (tentative)	Winnipeg
March 2001 (tentative)	Inuvik
IGC - 13-16 December	Inuvik
WMAC(NWT) - 10-11 December	Inuvik
WMAC(NS) - 10-11 December	Inuvik



The booklets, above, are available from RWED (left), DFO (right) and from the HTC's. They are a valuable information tool for harvesters.



Inuvialuit Harvest Study

Inuvialuit Harvest Study Continues

The Inuvialuit Harvest Study Field Workers are working hard to get harvest information from all the active harvesters in the six Inuvialuit Communities. The participation rate is very good and with all the discussion about oil and gas, it's even more important that everyone participates. The harvest data may be used to justify compensation for loss of harvesting opportunities as a result of development. It also helps in making informed wildlife management decisions.

If you harvested fish or wildlife this year and haven't been interviewed by your local Field Worker, call your HTC.

And remember, the information is confidential. Each harvester has a Hunter Number, and this number is never released. If you have any

questions or concerns, call your HTC or the IHS Program Manager at 777-2828.

Logo

The Inuvialuit Harvest Study now has a logo! Congratulations to Julia Ekpakohak from Holman who won the logo contest.

Calendars: Get your copy!

The 2001 Inuvialuit Harvest Study Calendar and it's smaller version, the Pocket Calendar, will be ready at the end of December! Use the calendar to keep track of what you harvest each month. Use the Pocket Calendar when you go in the field! The calendars will be distributed by your Field Worker, and will be available at your HTC office.

- **Catherine Pinard**
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GIS/Technical Services

DFO commits to GIS

As part of their commitment to Integrated Resource Management and the planning of a proposed Marine Protected Area in the Inuvialuit Settlement Region, the Department of Fisheries and Oceans-Oceans Sector is sponsoring a new GIS (Geographic Information System) staff person to work in the Joint Secretariat. After over a year of planning, Todd Slack will be putting his skills to work in our office. His arrival is timely, with the dramatic increase in the amount of information needed and managed with oil and gas returning to the Delta. The maps are coming! Todd's background in image analysis and remote sensing will complement existing capacities at the JS. Todd's combination of geography, wildlife biology and technical skills should make him a good fit in the JS team.

A New Database in Development

We're also really excited about the possibility of an Inuvik geospatial database. This database would contain all the data that the Inuvik GIS community uses regularly - a common archive. The Joint Secretariat initiated bringing together all the GIS staff in Inuvik to work together to build this database (4 new technical staff have been hired in Inuvik offices in the last six months!). The idea of all of us: land claim, territorial government and federal government agencies all working together is a bit "radical"

but we're excited by the prospect! A common Inuvik geospatial database will mean that these data can be managed, stored and accessed together, instead of each one of us re-creating it for ourselves in our own offices. Imagine six people working together to assemble and catalog the books in one library, rather than six people each trying to build the same library by themselves! There are huge long-term benefits for everyone involved.

A Web Site Worth Browsing

Remember, check out WWW.BMMDA.NT.CA as we've added some more new information. Great wildlife data on caribou and grizzlies came in from RWED-Inuvik (thanks John Nagy and Wendy Wright) and great links were built through the GIS to the Inuvialuit Community Conservation Plan text (try the h tool in the GIS). I'm really pleased with how this web site has come together. It truly is one of the best places to start looking for information on the Inuvialuit Settlement Region.

Check it out!

- **Mike Muller**
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YUKON NORTH SLOPE CONFERENCE: A GREAT SUCCESS



From left to right: Norm Snow, Thomas Berger, Duane Smith, Lindsay Staples

The sixth Yukon North Slope Conference was held in Whitehorse September 18-20, 2000. The theme of this year's conference was 'The Challenge of Change'. Over 160 conference delegates spent three days learning about and discussing some of the changes that have taken place on the North Slope over the past 25 years. In the sixteen workshops that were held, delegates analyzed the challenges facing the North Slope, and made suggestions for how to meet those challenges.

The conference was chaired by Mr. Thomas Berger, O.C., Q.C. Mr. Berger opened the conference with a reference to his influential 1976 Mackenzie Valley Pipeline Inquiry Report. Mr. Berger's past work in this area was much referenced and credited throughout the

conference. In his keynote speech, Mr. Berger spoke about his recent work on development issues in India, and drew parallels between lessons learned in northern Canada and how they apply around the world.

The conference opened with four keynote addresses given by people with many years of experience on the North Slope and the in Beaufort Sea Region. Randall Pokiak of the Inuvialuit Regional Corporation spoke of the many changes faced by the Inuvialuit over the past few decades. Mr. Pokiak discussed some of the social, economic and environmental issues that the Inuvialuit are continuing to deal with. Steve Cowper, a former Governor of Alaska and former president of the Northern Forum, shared some perspectives and lessons learned in Alaska, and brought the conference delegates up to date on various pipeline proposals currently under consideration.

Doug Bruchet of the Canadian Energy Research Institute provided an overview of the historical context of development on the North Slope. Mr. Bruchet discussed the current potential opportunities for oil and gas development in the region and spoke of lessons learned and challenges now facing the industry. Fred Roots, of Environment Canada and the Northern Sciences Network, gave a broad perspective on changes in

scientific understanding of processes in the Arctic. Dr. Roots shared some of his extensive knowledge on the very real challenges facing those with an interest in the Arctic, including the global transport of pollutants and changes to global climate processes.

The conference was attended by people from communities throughout the Inuvialuit Settlement Region, resource managers, researchers and industry representatives from across Canada, and a contingent of delegates who are working on related issues in Alaska. Conference workshops were held in a variety of topic areas, including oil and gas development, protected areas, traditional use, ecological monitoring, climate change, tourism development and implementation of the IFA. A summary of the workshops, including presentations by resource people and suggested action items will be included in the conference proceedings, which will be distributed later this year. The next Yukon North Slope Conference will be held in 2003.

Thanks to all of those rapporteurs, resource people and facilitators who gave of their time, experience and knowledge at the conference.