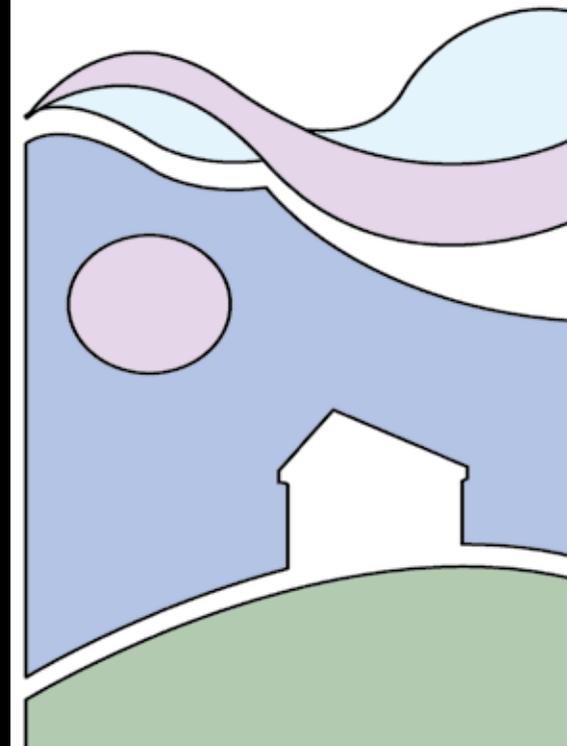




The Northern Housing Forum, 2010 is sponsored by the Northwest Territories Housing Corporation (NWT HC) and the Canada Mortgage and Housing Corporation (CMHC).



# Northern Housing Forum, 2010

**Sustainable Solutions:  
The Future of Northern Housing**

[www.nhf2010.ca](http://www.nhf2010.ca)  
Inuvik, NWT March 22-25, 2010

## Join Us

The Northwest Territories Housing Corporation, with the support of the Canada Mortgage and Housing Corporation (CMHC), is hosting a Circumpolar Housing Conference that will bring together dynamic keynote speakers and panel members from around the world to Inuvik March 22-25, 2010. Experts from Finland, Norway, Alaska, and Canada will challenge delegates to envision new ways to approach housing design and delivery in northern climates.

## Sustainable Solutions - The Future of Northern Housing

A distinguished list of scheduled panelists will stimulate discussions ranging from climate change and adaptive strategies for the North, strategies examining existing buildings and how they can increase energy efficiency, costing lessons, capacity building in northern communities and much more.

There will be a focus on emerging technologies and new approaches to the creation of real-world sustainable and affordable buildings that exceed expectations in northern climates.

The Northwest Territories Housing Corporation believes the timing for the Northern Housing Forum couldn't be better given the necessity for companies, organizations and governments involved in the delivery of northern housing to continually seek methods to improve performance, community relationships, and cost-effectiveness.

The Northern Housing Forum, 2010 promises to leave participants with new ideas, tips and techniques for a broad new housing agenda that incorporates community sustainability, energy efficiency, affordability and new technologies.

We would be honoured if you joined us in Inuvik March 22-25, 2010. For more information and to register go to [www.nhf2010.ca](http://www.nhf2010.ca)





## Opening Remarks

### The Honourable Robert C. McLeod



The Minister responsible for the Northwest Territories Housing Corporation, Robert C. McLeod, served on the Standing Committee on Social Programs during the 15th Legislative Assembly and served as Chair of the Standing Committee on Social Programs during the 16th Legislative Assembly until his election to the Executive Council on October 6th, 2008.

Minister McLeod holds a comprehensive understanding of northern housing issues. He was born in Aklavik and continues to live in Inuvik. He began his long career in housing working as an Apprentice Carpenter with the Department of Public Works before holding two different positions with the Aklavik Housing Association. Before being elected MLA for the Inuvik Twin Lakes riding, Minister McLeod held the position of Maintenance Manager for the Inuvik Housing Authority. He brings a lifetime of on-the-ground experience to the Northern Housing Forum and is looking forward to welcoming delegates to his home community of Inuvik.

## Keynote Speakers:

### Nellie Cournoyea



Nellie Cournoyea is the CEO and Chair of the Inuvialuit Regional Corporation. In 2008 Ms. Cournoyea was made an officer of the Order of Canada. She was awarded honorary doctorates in law from Lakehead University, Carleton University and the University of Toronto. Nellie Cournoyea is at the forefront of the revolution that's taking place in the far north today to modernize and be competitive in a global village. Through IRC, the parent of the Inuvialuit Corporate Group with a net worth of some \$400 million, Ms. Cournoyea creates opportunities across many disciplines for northerners while ensuring the Inuvialuit maintain control of their resources and financial destiny.



### Juhani Pallasmaa



Juhani Pallasmaa, architect SAFA, Hon. FAIA, Int FRIBA and professor, runs his architectural office in Helsinki. He has been active in urban planning, architecture, exhibition, product and graphic design since early 1960s. Mr. Pallasmaa has held many positions including Professor and Dean, Helsinki University of Technology (91-97); Director of the Museum of Finnish Architecture (78-83), and; Rector of the Institute of Design, Helsinki (70-71). He has held several visiting professorships in the USA and lectured widely in Europe, North and South American, Africa and Asia. Mr. Pallasmaa has published 25 books and over 300 essays in 30 languages. Titles include *The Thinking Hand* (2009), *Encounters: Architectural Essays* (2005), *The Architecture of Image: Existential Space in Cinema* (2001 and 2007), and *The Eyes of the Skin: Architecture and the Senses* (1995 and 2005).





## John F. Straube

John F. Straube, Ph.D., P.Eng., is a specialist building science engineer who is involved in the areas of building enclosure design, moisture physics, and whole building performance as a consultant, researcher, and educator. He is also a faculty member in the Department of Civil Engineering and the School of Architecture at the University of Waterloo where he teaches courses in structural design, material science and building science to both disciplines. Energy-efficient, healthy, durable and sustainable building designs are a general goal of his research which is often supported by advanced computer simulation, laboratory testing and full-scale natural exposure performance monitoring.



## Bill Semple

As an architect and a builder, Bill Semple has been a champion of some of the most progressive and creative housing projects in the North. Mr. Semple is an expert in the process of getting rural communities involved in the design of sustainable northern structures that look at traditional design, the needs of elders, cultural and family needs and what is needed to get the best use out of a home. Mr. Semple is a member of the Board of Directors of the Cold Climate Housing Research Centre in Fairbanks, Alaska and a Research Associate with the Arctic Institute of North America.



## Pita Aatami

Pita Aatami has a record of outstanding achievement, dedication and commitment to the Inuit of Nunavik, to the Inuit of Canada, and to his country. Mr. Aatami has played a key-role in bringing Inuit of Nunavik to the modern world. He has been in public life for the last 20 years and President of Makivik Corporation for the last 10 years. One of the most important strengths of Mr. Aatami is that he is a visionary, he has a vision where the Nunavimmiut as a group should go, and as a leader to his people in determining their own future. He says housing is a key component to creating healthy communities and much can be done to improve the state of housing in places like his homeland of Nunavik. Mr. Aatami promises to challenge delegates to re-examine the current approach to how housing is provided, take a look at the history of housing delivery in the North, and suggest creative solutions to move forward.



## Explore a unique piece of the Circumpolar Arctic

Enjoy tours of Inuvik with NWT Housing Corporation Beaufort-Delta District Office staff. Drive the ice road to Tuktoyaktuk, the same ice road featured on the popular television series *Ice Road Truckers*, and once there discuss the unique challenges that come with building and maintaining homes a stones throw from the Arctic Ocean.



Venture out on a tour to view the spectacular northern lights from the top of the world. We promise you've never seen northern lights like this!



For more information go to the Northern Housing Forum website at [www.nhf2010.ca](http://www.nhf2010.ca). You can also contact NHF Coordinator Barb Kardash toll-free at 1-866-956-9842 or by email: [nhf@gov.nt.ca](mailto:nhf@gov.nt.ca).



# Sustainable Solutions: *The Future of Northern Housing*

Engage with experts from around the world through six panel sessions. This is your opportunity to participate in panel sessions designed to approach northern housing issues from many angles. Sessions will provide an open forum to examine issues, discuss new technologies and explore housing solutions that apply to northern conditions.

## Session I



### Climate Change and Adaptation Strategies for the North

Join panel members Tom Kerwin from the CMHC; Curt Hepting from Enersys Analytics; University of Alberta's Mark Nutall; from Natural Resources Canada (NRCan) David Mate; and Cold Climate Housing Research Center's (CCHRC) Aaron Cooke for an engaging discussion on what's happening now and what climate strategies to embrace for the future.

## Session IV



### Capacity Building in Northern Communities

Join panel members from the NWT HC along with Rory Voudrach, Aurora College; Al Lyon, Yukon Housing Corporation; consultant Don Eaton and Tim McLeod from the Nunavut Housing Corporation as they explore community planning, how to set realistic goals and create a workable plan to meet the demand for quality, affordable housing in Arctic regions.

## Session II



### Strategies for Existing Buildings

Join panel members Mimi Burbage from the Alaska Housing Finance Corporation; Bob Danner, North Slope Borough; Jim Lee, Interior Weatherization; Wayne Wilkinson, EnerGuide For Houses trainer and evaluator; and Rob Dumont from the Saskatchewan Research Council to discuss what new technologies can be used to improve aging housing stock.

## Session V



### Slices of Time: Considering and Including Indigenous Culture

Join an NWT HC representative as well as Tlicho First Nation Language, Culture and Communications Director Tony Rabesca; Gavin Renwick from the University of Dundee; CCHRC President Jack Hebert; and Donna Morton with First Power as they lead a discussion on housing that takes into consideration aboriginal cultures and traditional ways that have been followed in Northern regions for hundreds of years.

## Session III



### Costing Lessons and Strategies

Join panel members Grant Morrison, CMHC retired; Barry Craig, CMHC; Thorsten Clupp, Fairbanks Green Builder; Gordon Howell, Howell-Mayhew Engineering and Juergen Korn from Yukon Housing Corporation as they share their expertise on managing building costs in Arctic regions.

## Session VI



### Northern Design

Join panel members Judith Grunau from the CCHRC; Whitehorse Architect Tony Zedda; Montreal Architect Alain Fournier; and Odd Steinsvik who is an Architect joining the panel from Tromsø, Norway. Together they will guide a comprehensive look at northern design while introducing new technologies to consider.

Northwest Territories Housing Corporation

NWTHC Address: PO Box 2100, Yellowknife, NT, X1A 2P6

Email: [nhf@gov.nt.ca](mailto:nhf@gov.nt.ca); Internet: [www.nhf2010.ca](http://www.nhf2010.ca)

