

CLIMATE – SECURITY LINKS (1)

WANGARI MAATHAI
NOBEL PEACE PRIZE 2004

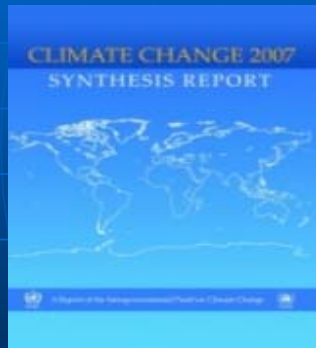
*“Peace on earth depends on our ability
to secure our living environment”*

CLIMATE – SECURITY LINKS (2)

UN SECURITY COUNCIL FIRST
DEBATE ON CLIMATE CHANGE,
PEACE & SECURITY: APRIL 2007

*“Some delegations raised doubts
regarding Council's role on the issue,
while others, particularly small island
states, welcomed Council's
consideration”*

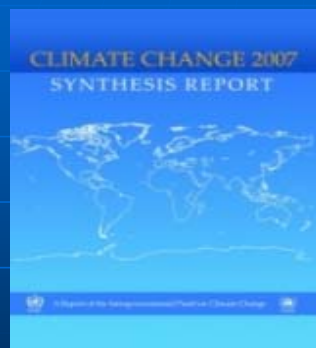
CLIMATE – SECURITY LINKS (3)



NOBEL PEACE PRIZE
... the Nobel Committee is seeking ... a sharper focus on the processes and decisions ...necessary to protect the world's future climate, and thereby to reduce the threat to the security of mankind.

Oslo, 12 October 2007

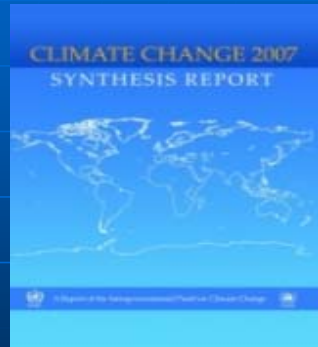
CLIMATE – SECURITY LINKS (4)



SECURITY REFERENCES:
Food (in)security x 3
Energy security x 2
Water security x 1

PEACE REFERENCES:
None

CLIMATE – SECURITY LINKS (5)



WHY SO FEW REFERENCES?

- *Few climate-security pubs pre-2006?*
- *Definitional disconnects?*
- *IPCC structure?*

OVERVIEW

- Evolution of Security Concepts
WWW.GECHS.ORG (1999-2009)
- Multiple Securities & Climate Change (with examples from Canada's north)
- Research & Policy Implications

SECURITY STUDIES: BASIC QUESTIONS

- What is threatened?
- What is the source of the threat?
- Who is "exposing" the threat?
- How can the threat be ameliorated?

QDR 2010 BRIEFING SLIDE

Strategy

Security Environment

- **Complex security landscape stemming from:**
 - Current Conflicts – The outcome of conflicts in Iraq, Afghanistan, and against Al Qaeda and its allies, will shape the security environment for decades to come
 - Enduring Trends
 - Rise of new powers
 - Growth of non-state actors
 - Lowered barriers for dangerous technologies, including WMD and ballistic missiles
 - Resource scarcity, climate change, disease, and demographics

MULTIPLE SECURITIES

National or State Security

- Ability of a nation to protect its national values from threats, both internal and external & including conventional & non-conventional threats

Environmental Security

- Protection of planetary bio-geochemical cycles from anthropogenic threats

Human Security

- Freedom from fear & want; individual and community well-being focus.

MULTIPLE SECURITIES IN CANADA'S NORTH - I

Global climate change has catapulted the Arctic into the centre of geopolitics, melting Arctic ice transforms the region from primarily of scientific interest into a maelstrom of competing commercial, national security and environmental concerns”

Ebinger & Zambetakis, 2009

Indigenous and gender perspectives transcend the North-South human-insecurities occurring on different levels throughout the world.

Hogensen, 2004

NATIONAL SECURITY: ACCESS & SOVEREIGNTY CONCERNS



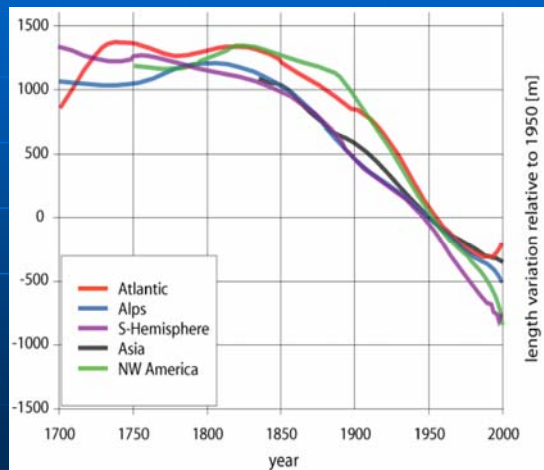
1997 Source: ACIA 2004 2003
 "Thinning ice is already increasing traffic in the Northwest Passage (NWP)"
 Globe & Mail 15 June 09

"Canada has asserted legal claims to the NWP as internal waters whereas the US has asserted the NWP as international waters ... US & Russia relations are increasingly frayed, tensions over territorial waters could harken back to border disputes that once led to interstate war" Busby 2008



NATO ARW Jun'10

ENVIRONMENTAL SECURITY: RECEDING GLACIER 'TONGUES'



NATO ARW Jun'10

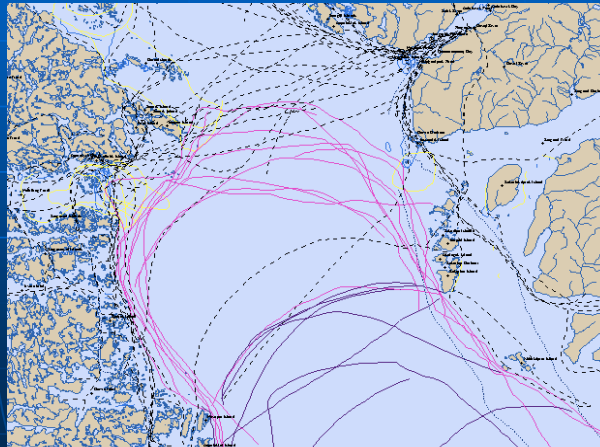
HUMAN SECURITY: DISRUPTED LIVELIHOODS

CUMBERLAND SOUND, NUNAVUT

Sea Ice
Travel
Routes

Floe Edge
2000s

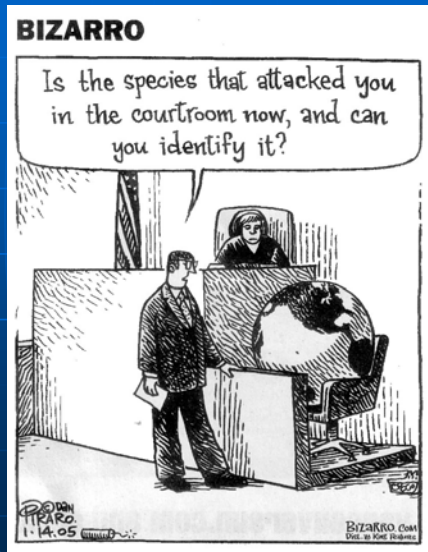
Floe Edge
1960s



CLIMATE – SECURITY: TAKE HOME MESSAGES

- Multiple securities
- Multiple threats
- Multiple interactions

WHAT IS THE THREAT?



WHAT IS THREATENED?

