

2010 ARC Webinar #3



Interpreting, Using and Communicating Climate Projection Information

March 23, 2010



- Membership renewal notices were sent out in early December
- Fees start at \$500 for one seat
- Renewal by March 31st
- New members always welcome – membership package upon request

Full 2010 Webinar Series on website

www.cleanairpartnership.org/arc

Apr 20 Emergency Response Planning
(rescheduled from November; please re-register)

May 18 Adaptation for and by the Urban Forest

Jun 15 Building design for Adaptation and Mitigation: Green buildings and beyond

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Some Resources for today



[Climate Change Information for Effective Adaptation: A Practitioner's Manual](#) GTZ, Germany (2009)

[Adapting to Climate Change: A Socioeconomic Priority Determining Priority Issue Areas](#)

(Public Event Backgrounder) Rossland BC Visions to Actions Sustainability Commission

	OBSERVED TRENDS	BY 2050 (from 2010)
WIND See Note 2	<u>Intense Winter Storms</u> <970hpa central pressure Northern Hemisphere (1950-2000) 8% more frequent	8 to 15% more frequent
RIVERFLOW	<u>Dates of Spring break-up</u> (1950-2005) Earlier date non-significant	Continue earlier
See Note 3	<u>Streamflow</u> (1967-1996)	
		%
	Annual	-10 to -30%
	Minimum Daily	10 to -20
	Maximum Daily	-20
		%
		-10
		-10
		0

Note 1: Ranges in observed and projected values indicate differences over the region.

Note 2: Wind-disaster records of Public Safety Canada indicate for storms >100km/h national frequency rose 16% from 1970 to 1990 with most in coastal regions, except for tornadoes.

Note 3: Major floods and landslides (from PSC data base), where intense rains, or rain on snow, apparently increased 80% nationally between the 1970s and 1990s. However, 1970s event recording may have been less thorough than in 1990s. Data base extends only to 2005. Increased frequency of flash floods in small watersheds, spring and summer.

- Slides from Dr James Bruce explaining preparation of climate changes tables in Risk Assessment protocols presented by Mark Egener and Bob Black in February

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Interpreting, Using and Communicating Climate Projection Information

Dominique Paquin, Ouranos

An introduction to climate modelling: from model anatomy to data applications



**Clean Air
Partnership**

discussion: use and communication

When and how are you using climate projection information?

What kinds of methods have you used to communicate about weather/climate projections?

Have you experienced any difficulties or challenges when trying to communicate about projections/trends?

discussion: use and communication

Why will you need/want/use climate projection information?

Who will you need/want to communicate climate projections to?

How confident do you feel in your ability to interpret and communicate projection information?

2010 ARC Webinar #4
April 20, 2010 1-3pm ET



Emergency Management and Response Planning

John Labadie Seattle Public Utilities
Aadu Pilt Emergency Management Ontario
John Saunders Canadian Red Cross

