

Participatory Approach for Okanagan Climate Change & Water Management Studies, 1999-2008

- Dialogue with local experts/practitioners as part of climate change adaptation assessment; beyond serving as an information source and outreach process
- Experts become extension agents for local adaptation
- Collaborative research team included federal, provincial, regional district and municipal agencies, Okanagan Nations Alliance, irrigation districts, fruit growers, other non-government bodies



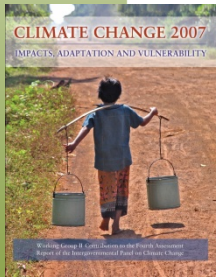
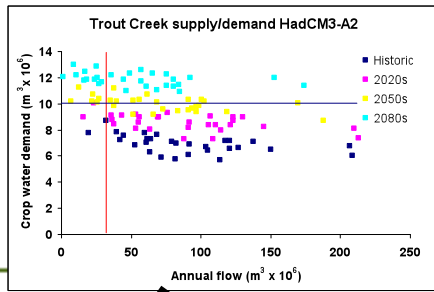
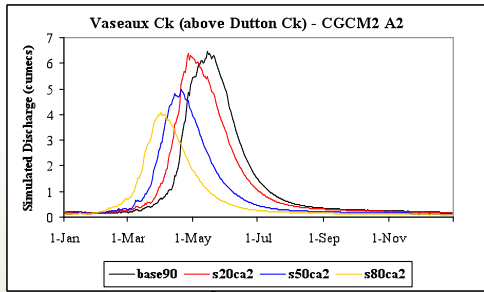
Okanagan climate change study team visit to Penticton Dam, June 2002



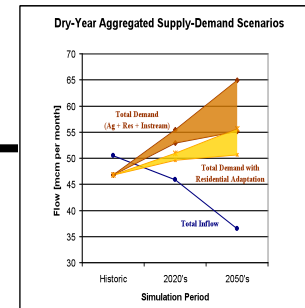
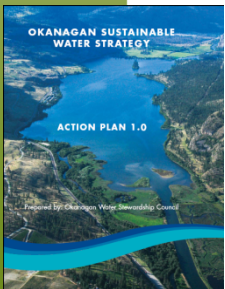
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Adaptation option	Application	Relative unit cost	Water saved or supplied in % of the current supply
Irrigation scheduling	Large holdings to small holdings	1.0 to 1.7	10%
Public education	Large and medium communities	1.7	10%
Storage	Low to high cost	1.2 to 3.0	Limited (most sites already developed)
Lake pumping	Low (no balancing reservoirs to high cost with balancing reservoirs)	1.3 to 5.4	0 to 100%
Trickle irrigation	High to medium demand areas	3.0 to 3.3	30%
Leak detection	Average cost	3.1	10 to 15%
Metering	Low to high cost	3.8 to 5.4	20 to 30%



From dialogue to water strategy, 1999-2008

