

The Bibliography of the Athabasca River Basin

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The Bibliography of the Athabasca River Basin

Home

This website is currently being developed. It will be fully launched in 2011.

The digital online Bibliography of the Athabasca River Basin (BARB) will greatly enhance research opportunities and access for Athabasca University and Athabasca River Basin stakeholders by removing barriers and making scientific research on the Athabasca River Basin openly accessible.

The bibliography has been established to identify, collect, preserve and market available records of the Athabasca River Basin of enduring value to researchers, industry, government, scholars, writers, historians, and journalists and for posterity.

Benefits of the bibliography:

- Power and efficient state-of-the-art searchable database;
- Free access to all research initiatives, data, and other information on all aspects of the Athabasca River Basin;
- Dedicated storage and management of a vast array of digital and other resources with professional database administration;
- Up to date source on latest developments in the Athabasca River Basin;
- Assist in building research capacity in the region with the use of Gap Analysis to identify research overlap and gaps

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1972 survey of the Athabasca and Saskatchewan Glaciers	Warner, L. A.; Anderson, J. E.; Kerber, R. E.; Robinson, C. P.	1972	
1973 Rochester deer study progress report	Young, B. F.	1973	Rochester
1974 aquifer test program at Syncrude Mildred Lake project and initial plan for depressurizing basal water sands in commercial mine		1974	
1974 goat season	Hall, B.	1974	Rock Lake
1974-1976 survey of the Athabasca and Saskatchewan Glaciers		1976	
1976 beaver survey in the Swan Hills area	Todd, A.	1976	Swan Hills
1977 breakup and subsequent ice jam at Fort McMurray	Doyle, P. F.	1977	
1978 breakup in the vicinity of Fort McMurray and the investigation of two Athabasca River ice jams	Doyle, P. F.	1978	
1978-1980 survey of the Athabasca and Saskatchewan Glaciers		1982	
1978-80 survey of the Athabasca and Saskatchewan glaciers	Water Survey of Canada	1982	
1979 spring breakup and ice jamming on the Athabasca River near Fort McMurray	Doyle, P. F.; Andres, D.D.	1979	
1980 studies of cricetid rodent populations in relation to revegetation at the Syncrude Oil Sands Development	Westworth, D. A.; Skinner, D. L.	1981	Athabasca Oil Sands
1981 studies of cricetid rodent populations in relation to revegetation at the Syncrude Oil Sands development	Westworth, D. A.	1982	Syncrude Lease No. 17, No. 23
1982 Athabasca River water quality assessment : Suncor Inc. Oil Sands Group		1988	Athabasca River
1982 spring breakup and monitoring report, Athabasca and Clearwater rivers at Fort McMurray	Rickert, H. A.; Quazi, M. E.	1972	
1983 swan surveys in the Edson area	Taggart, J.	1983	Edson
1983 trace element concentrations in benthic invertebrates and sediments in	Beak Associates Consulting Ltd.	1988	Athabasca River



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Title: A multisensor approach to wetland flood monitoring

Author: Toyra, J.; Pietroniro, A.; Martz, L. W.; Prowse, T. D.

Date: 2002

Journal/Publisher: Hydrological Processes

Journal Volume/Series/Dept.: 16

Journal Number /Level Number: 8

Pages: 1569-1581

Subject: H

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Title : **Walleye** spawning movements into Buffalo Bay and the South Heart River (1983). V. 2. Data appendices - **Walleye** Author : O'Neil, J. Date : 1983
Journal/Publisher : R. L. & L. ...

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Walleye movements and spawning in the Lesser Slave Lake (west bay) : Buffalo Bay system (1984). V. 2. Data appendices-walleye

Title : **Walleye** movements and spawning in the Lesser Slave Lake (west bay) : Buffalo Bay system (1984). V. 2. Data appendices-**walleye** Author : O'Neil, J.; Nelson, R. L. Date : 1984 ...

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Title: Active management of walleye fisheries in Alberta: dilemmas of managing recovering fisheries

Author: Sullivan Michael G.

Date: 2003

Journal/Publisher: North American Journal of Fisheries Management

Journal Volume/Series/Dept.: 23

Journal Number /Level Number: 4

Pages: 1343-1358

Geographical Key Words: Lac La Biche

Subject: B

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North American Journal of Fisheries Management 2003; 23: 1343-1358
doi: 10.1577/M01-232AM

Active Management of Walleye Fisheries in Alberta: Dilemmas of Managing Recovering Fisheries

Michael G. Sullivan*

*Alberta Fish and Wildlife Division, 7th Floor, O. S. Longman Building, 6909-116 Street,
Edmonton, Alberta T6H 4P2, Canada*

[Current Completed Issue](#)
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Journal Information

Online ISSN: 1548-8675

Print ISSN: 0275-5947

Frequency: Bimonthly

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Abstract

Managers of the recreational fishery for walleyes *Sander vitreus* (formerly *Stizostedion vitreum*) in Alberta, Canada, face an unusual combination of very low productivity (related to the northern climate) and high fishing pressure. Passive management of the large recreational fishery and active management of the smaller commercial fishery failed to prevent declines and collapses of walleye stocks. During the 1990s, extensive consultations with the public resulted in the development of an active recreational fishery management system using set points to classify stocks. Catch and release and large, highly restrictive length limits were used to regulate the harvest. These restrictions on the recreational harvest resulted in a dramatic increase in the catch rates of growth-overfished stocks. Paradoxically, this recovery has created dilemmas and controversies in both the recreational and commercial fisheries. Anglers are now dissatisfied with the low harvest rates and absence of large fish attending the high catch rates of small fish. The total allowable catch, however, is being taken by hooking mortality and illegal harvest of undersize walleyes in the recreational harvest. In commercial gill-net fisheries for lake whitefish *Coregonus clupeaformis*, increasing bycatch of walleyes restricts the harvest of lake whitefish and has created uneconomical fisheries. Resolving these dilemmas will require dramatic changes to fisheries management techniques in Alberta.

Received: March 12, 2001; Accepted: February 12, 2003

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2010

[Tong, J](#), [Déry SJ](#), [Jackson PL](#), [Derksen C](#). 2010. [Snow distribution from SSM/I and its relationships to the hydroclimatology of the Mackenzie River Basin, Canada](#). *Advances in Water Resources*. 33(6):667-677. [Tagged](#) [XML](#) [BibTex](#) [Google Scholar](#)

2009

[de Rosemond, S](#), [Duro DC](#), [Dubé M](#). 2009. [Comparative analysis of regional water quality in Canada using the Water Quality Index](#). *Environmental Monitoring and Assessment*. 156(1-4):223-240. [Tagged](#) [XML](#) [BibTex](#) [Google Scholar](#)

[Singh, P R](#), [Gan T Y](#), [Gobena A K](#). 2009. [Evaluating a hierarchy of snowmelt models at a watershed in the Canadian Prairies](#). *Journal of Geophysical Research*. 114(D4) [Tagged](#) [XML](#) [BibTex](#) [Google Scholar](#)

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[Gan, T Y](#), [Kalinga O](#), [Singh P](#). 2009. [Comparison of snow water equivalent retrieved from SSM/I passive microwave data using artificial neural network, projection pursuit and nonlinear regressions](#). *Remote Sensing of Environment*. 113(5):919-927. [Tagged](#) [XML](#) [BibTex](#) [Google Scholar](#)

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[Lévesque, LM](#), [Dubé MG](#). 2007. [Review of the effects of in-stream pipeline crossing construction on aquatic ecosystems and examination of Canadian methodologies for impact assessment](#). *Environmental Monitoring and Assessment*. 132(1-3):395-409. [Tagged](#) [XML](#) [BibTex](#) [Google Scholar](#)

[Kilgour, BW](#), [Dubé MG](#), [Hedley K](#), [Portt CB](#), [Munkittrick KR](#). 2007. [Aquatic Environmental Effects Monitoring Guidance for Environmental Assessment Practitioners](#). *Environmental Monitoring and Assessment*. 130(1-3):423-436. [Tagged](#) [XML](#) [BibTex](#) [Google Scholar](#)

[Squires, A J](#), [Westbrook CJ](#), [Dubé MG](#). 2007. [An Approach for Assessing Cumulative Effects in a Model River the Athabasca River Basin](#). *Integrated Environmental*

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2009

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[Gobena, A K, Gan T Y](#). 2009. [Statistical Ensemble Seasonal Streamflow Forecasting in the South Saskatchewan River Basin by a Modified Nearest Neighbors Resampling](#). Journal of Hydrologic Engineering. 14(6):628. [Tagged](#) [XML](#) [BibTex](#) [Google Scholar](#)

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2006

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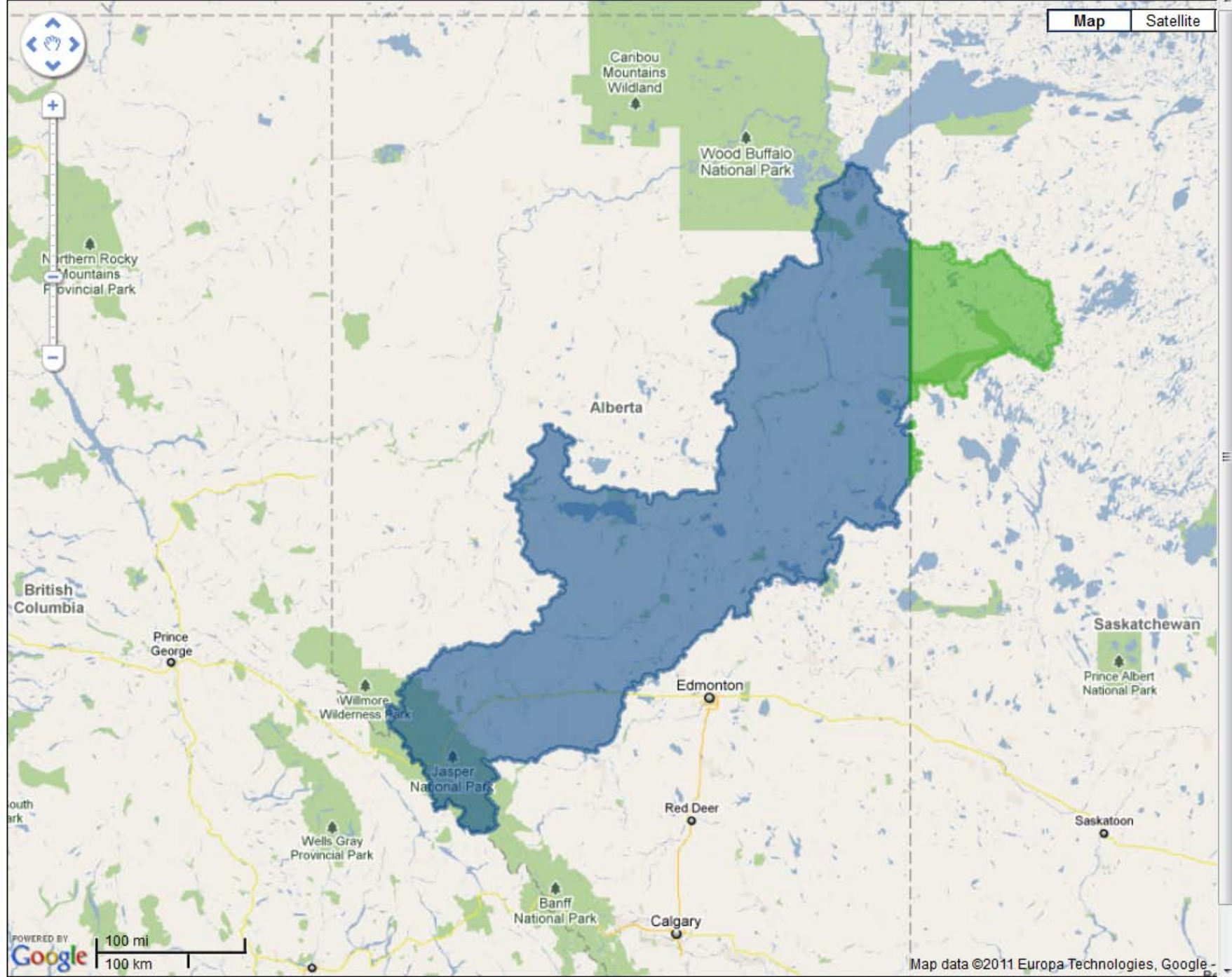
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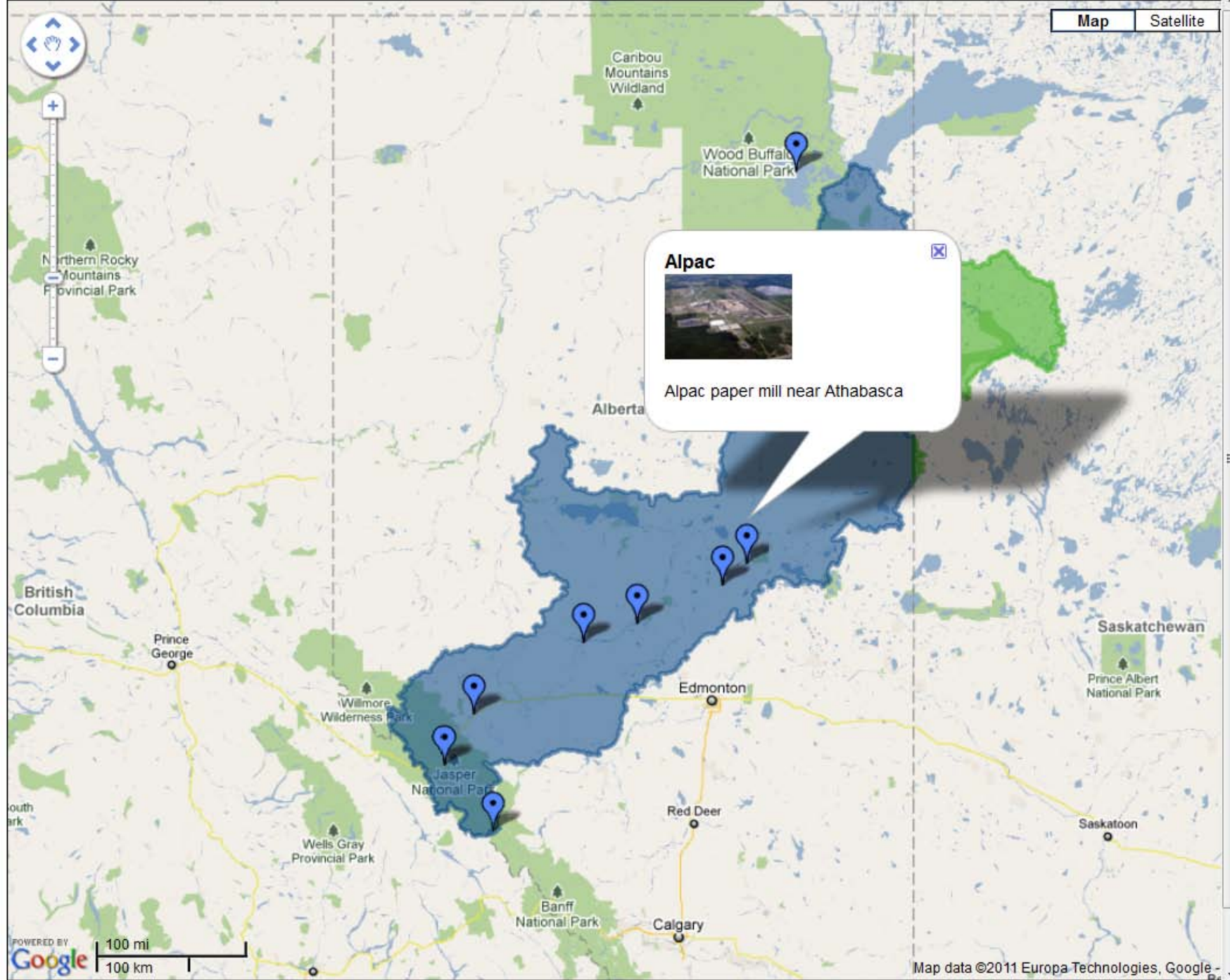
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Bibliography of the Athabasca River Basin (BARB)

A multidisciplinary, online, searchable bibliography of published materials relating to the Athabasca River Basin.

The bibliography focuses on four main areas:

- Economic
- Humanities
- Science
- Social Science

A multidisciplinary approach ensures that the bibliography is extensive, detailed, captures all activity within the basin, and is available to all researchers.

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The bibliography focuses on four main areas:

- Economic
- Humanities
- Science
- Social Science

A multidisciplinary approach ensures that the bibliography is extensive, detailed, captures all activity within the basin, and is available to all researchers.

Bibliography features:

- Provide 24/7 easy access to ARB knowledge and information through the online bibliographic database
- Facilitate sharing of knowledge, research, and scholarly communication through open access
- Online database resources are fully searchable, retrievable, and reusable for research and study

River basin facts:

- River is 1,538 km in length
- Alberta's longest undammed river
- Alberta's second largest river
- Basin is 159,000²
- Rich in natural resources (gas, oil, coal, lumber, pulp, peat, agriculture and others)

Technical details:

- Drupal - an open-source content management system
- CONTENTdm - long-term, safe storage
- Apache Solr - powerful and versatile search
- Google Maps - items will be mapped

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Contact:

Dr. Dietmar Kennepohl (dietmark@athabascau.ca) or
Tony Tin (tonyt@athabascau.ca)

