



Environment and
Climate Change Canada

Environnement et
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Canada

The Environmental Valuation Reference Inventory (EVRI) 2.0



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Environmental Valuation Reference Inventory (www.evri.ca)

- A compendium of **summaries** of environmental/human health valuation studies providing contextualized monetary values of ecological goods and services
- Nearly **5,000** study summaries available online (updated on an ongoing basis)
- Has existed for about 20 years and was fully revamped in October 2017
- EVRI is useful to:
 - Find values for specific ecological goods and services
 - Conduct literature review
 - Compile studies for meta-analysis
 - Identify candidate studies for benefit transfer
 - Learn more about environmental valuation
- EVRI was originally created in response to the need to compile the findings of environmental valuation studies in a common space and facilitate benefit transfer
- EVRI serves as a “bridge” between the providers of knowledge (mainly academics) and the end-users relying on this information to support their work (mainly policy decision-makers)
- **Access now free for anyone in the world**



Some Important Remarks...

- **EVRI is not a substitute for expert judgment**

Practitioners have to exercise caution and apply the necessary adjustments for benefit transfer. We highly recommend consulting the original publication in order to take full advantage of reading the footnotes

- **EVRI does not evaluate the quality of the original studies**

Although studies in EVRI have to meet some minimal quality standards, practitioners have to decide whether a specific study is suitable for their needs

Grey literature may sometimes be the only existing source of information and could be sufficient to meet specific research needs

- **EVRI is not a « black box » generating dollar values to blindly copy/paste into a report**

EVRI is designed to simplify the search (screening) for environmental values and to properly contextualize them



Structure of a study summary

1) Bibliographical information

- Authors, title, year, etc.

2) Study site information

- Location and target population characteristics

3) Study focus information

- Specific environmental/health assets being valued, extent of change, stressors, etc.

4) Study methodology

- Data sources, survey sampling, valuation methods, payment vehicle, study sponsors, etc.

5) Estimated Values


- Estimated \$ values and tables, with contextualization

6) Abstract

- Synthesis of information in the EVRI summary



Search

Showing 1 to 20 of 20 items

Sort by

Relevance

Items per page

25

Please be aware that the data tables contained within the study summaries will not be included in the export files.

Export

Studies

- [Economic Valuation and Socio-Cultural Perspectives of the Estimated Harvest of the Beverly and Qamanirjuaq Caribou Herds](#) *InterGroup Consultants Ltd.*, 2008, Report (government/non-government), ... in qualitative terms. The direct values obtained from the caribou were determined through the market value approach, market value of ... commercial and outfitted harvest. The unit value per caribou across jurisdictions ranged from \$1,052 to \$1,721, \$483 to \$1,042, \$833 ...
- [An Economic Evaluation of Woodland Caribou Conservation Programs in Northwestern Saskatchewan](#) *Tanguay, M., W.L. Adamowicz and P. Boxall*, 1995, Report (government/non-government), ... estimate the benefits of a conservation program for woodland caribou in northwestern Saskatchewan. Woodland caribou are vulnerable to the effects of timber harvesting, and increased ...
- [Analyzing the Economic Benefit of Woodland Caribou Conservation in Alberta](#) *Harper, D. L.*, 2012, Dissertation/thesis, ... preference study was to estimate the benefits of woodland caribou conservation in Alberta. Woodland caribou are currently under pressure from energy and forest development in ...

 Save this search

Name *

 Saved searches

Published

Document type

Region

Environmental assets

Type of Value/Usage

Study type

Valuation techniques

Economic measures

Step 1:
Define search keyword(s)

Step 2:
Narrow down search results using one or more facets

Step 3 (optional):
Save search query and/or export selected search results



Search

caribou



Showing 1 to 20 of 20 items

Sort by

Relevance

Title

Publication date

Author

Items per page

25

Apply

Reset

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Export

CSV

XLSX

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Save this search

Name *

caribou

Save search

Saved searches

Published

[In the last 5 years](#)

1

[In the last 10 years](#)

3

Document type

[Report \(government/non-government\)](#)

8

[Journal](#)

5

[Conference paper](#)

3

[Working paper](#)

3

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Step 1:

Define search keyword(s)

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Narrow down search results using one or more facets

Step 3

(optional):

Save search query and/or export selected search results



Search



Showing 1 to 25 of 4876 items

Sort by

Relevance

Title

Publication date

Author

Items per page

25

Apply

Reset

Please be aware that the data tables contained within the study summaries will not be included in the export files.

Export

CSV

XLSX

Studies

Selected 25 rows in this page.

Select all 4876 rows in this view.

- [Preferences for Energy Efficiency vs. Renewables: What Is the Willingness to Pay to Reduce CO2 Emissions?](#)
Alberini, A., A. Bigano, M. Scasny, and I. Zverinova., 2017, Journal, This choice experiment (CE) estimated residents' willingness to pay (WTP) to reduce carbon dioxide emissions in Italy and the Czech Republic. Carbon dioxide emissions contribute to climate change, so increasing energy efficiency and renewable energy...

Save this search

Name *

Saved search

Save search

Saved searches

Published

In the last year

16

In the last 5 years

668

In the last 10 years

1785

Document type

Journal

3026

Report (government/non-government)

747

The entire database's content can be extracted in a single CSV or XLS spreadsheet

(Note: Value tables cannot be exported due to technical limitations.)

More details in the **EVRI User Manual** of the « How to use EVRI » website section




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
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Canada


« My Account » section

 **Study summaries requiring revision**


You currently do not have any study captures that require revising.

 **Study summaries currently being edited**

You currently do not have any Draft or Ready for Publication study captures.

 **Recent exports**

- [Export from 2018-11-09 12:16pm](#)
- [Export from 2018-10-25 12:46pm](#)
- [Export from 2018-09-12 11:44am](#)
- [Export from 2018-08-27 3:09pm](#)

 **Saved searches**

[Wetlands in Canada](#)

Provides easy access to:

- 1) Most recent data exports
- 2) Saved search queries
- 3) Study summary drafts
- 4) Study summaries needing revision



« My Account » section

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« My Account » section

The screenshot displays the 'My Account' section with a red box highlighting the top two panels. The first panel, 'Study summaries requiring revision', contains the text: 'You currently do not have any study captures that require revising.' The second panel, 'Study summaries currently being edited', contains the text: 'You currently do not have any Draft or Ready for Publication study captures'. Below these are two other panels: 'Recent exports' with a list of export links (e.g., 'Export from 2018-11-09 12:16pm') and 'Saved searches' with a search entry 'Wetlands in Canada' and 'Edit'/'Delete' buttons.

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All users can voluntarily submit content, subject to:

- not being in EVRI
- meeting data entry standards (in EVRI User Manual)
- quality check



What are the Challenges and Future Projects?

- Evolving context:
 - Increasing pace of publication in the environmental valuation discipline
 - Increasing interest for meta-analysis applications
 - Aiming for collaborative content entry
- Taxonomic update:
 - EVRI taxonomy designed in the late 1990s, prior to current ecosystem services classifications (MEA, CICES, TEEB, etc.)
 - EVRI classification more « asset-based » than « service-based »
 - Need to revisit taxonomy to address classification gaps and reflect new developments in environmental valuation
 - Standardization of historical database information (about 5,000 summaries) may be a massive undertaking

Should you have comments, questions, ideas or suggestions of studies to include into the database, do not hesitate to contact us!

