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Canada

The Environmental Valuation Reference Inventory (EVRI) 2.0

EVRI Environmental Valuation Reference Inventory

Jean-Michel Larivière
Economic Analysis Directorate
Environment and Climate Change Canada

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 exercice 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

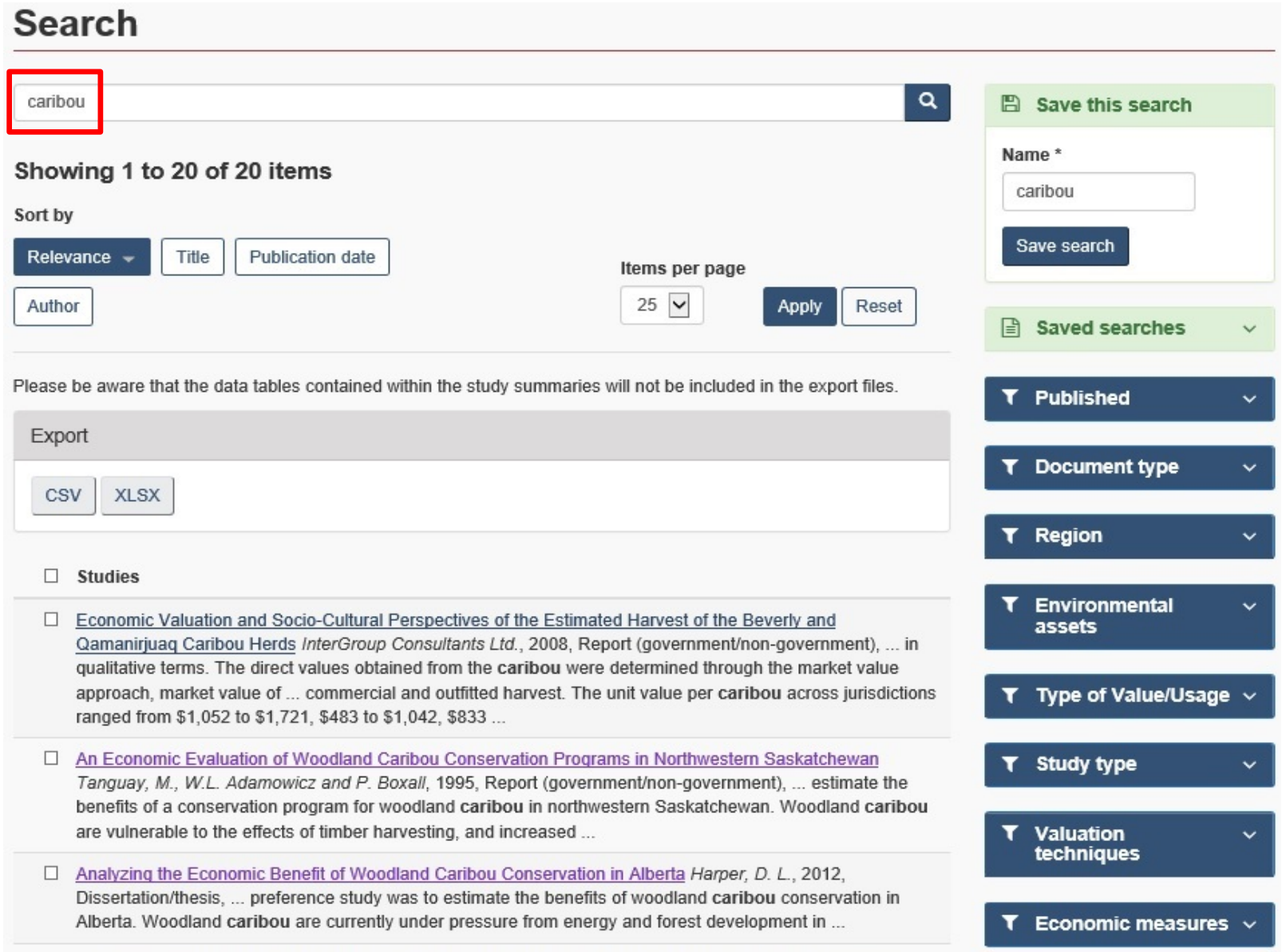
  Grey literature may sometimes be the only existing source of information and could be sufficient to meet specific research needs

- **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



Step 1:

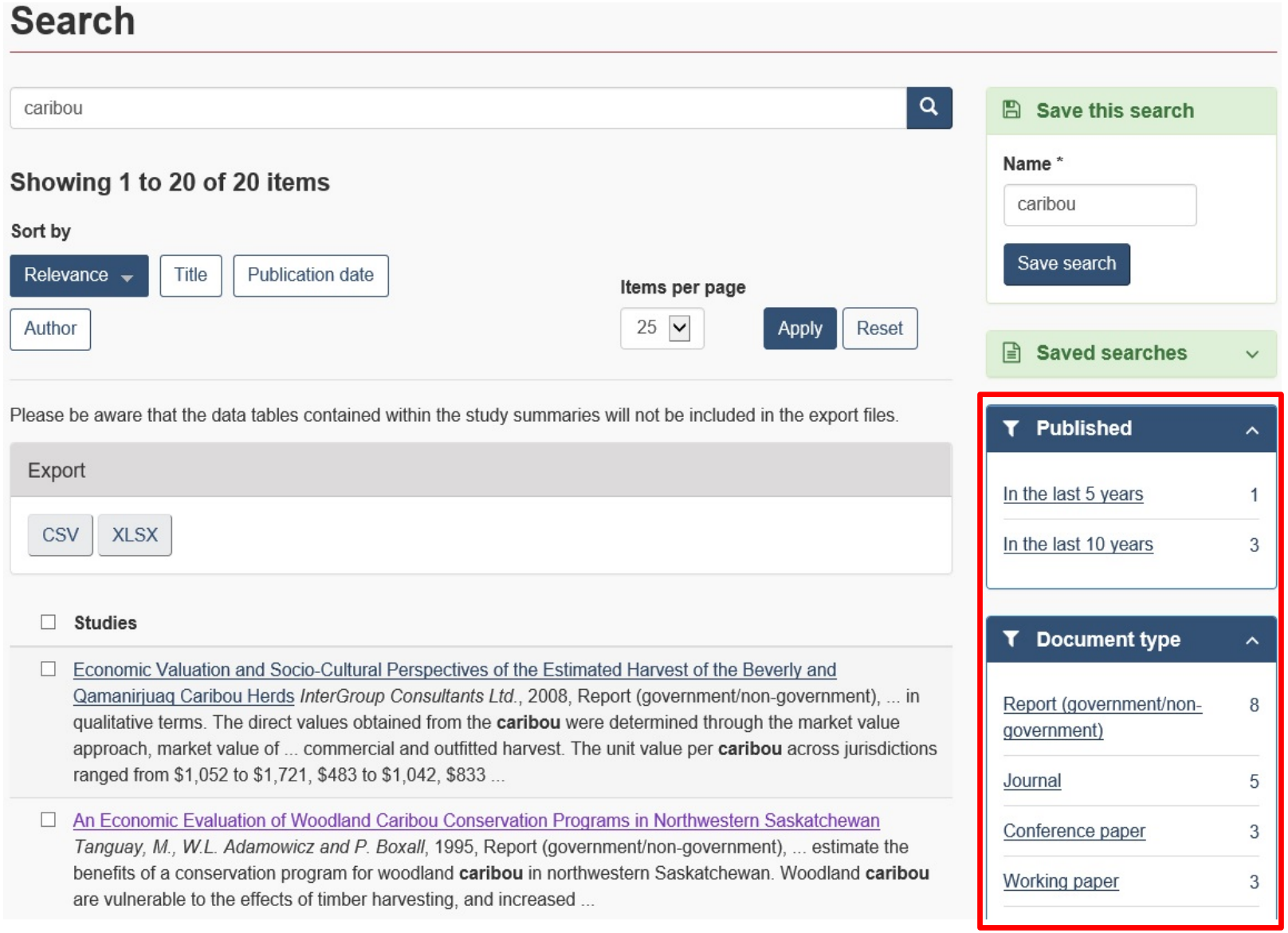
Define search keyword(s)

Step 2:

Narrow down search results using one or more facets

Step 3 (optional):

Save search query and/or export selected search results



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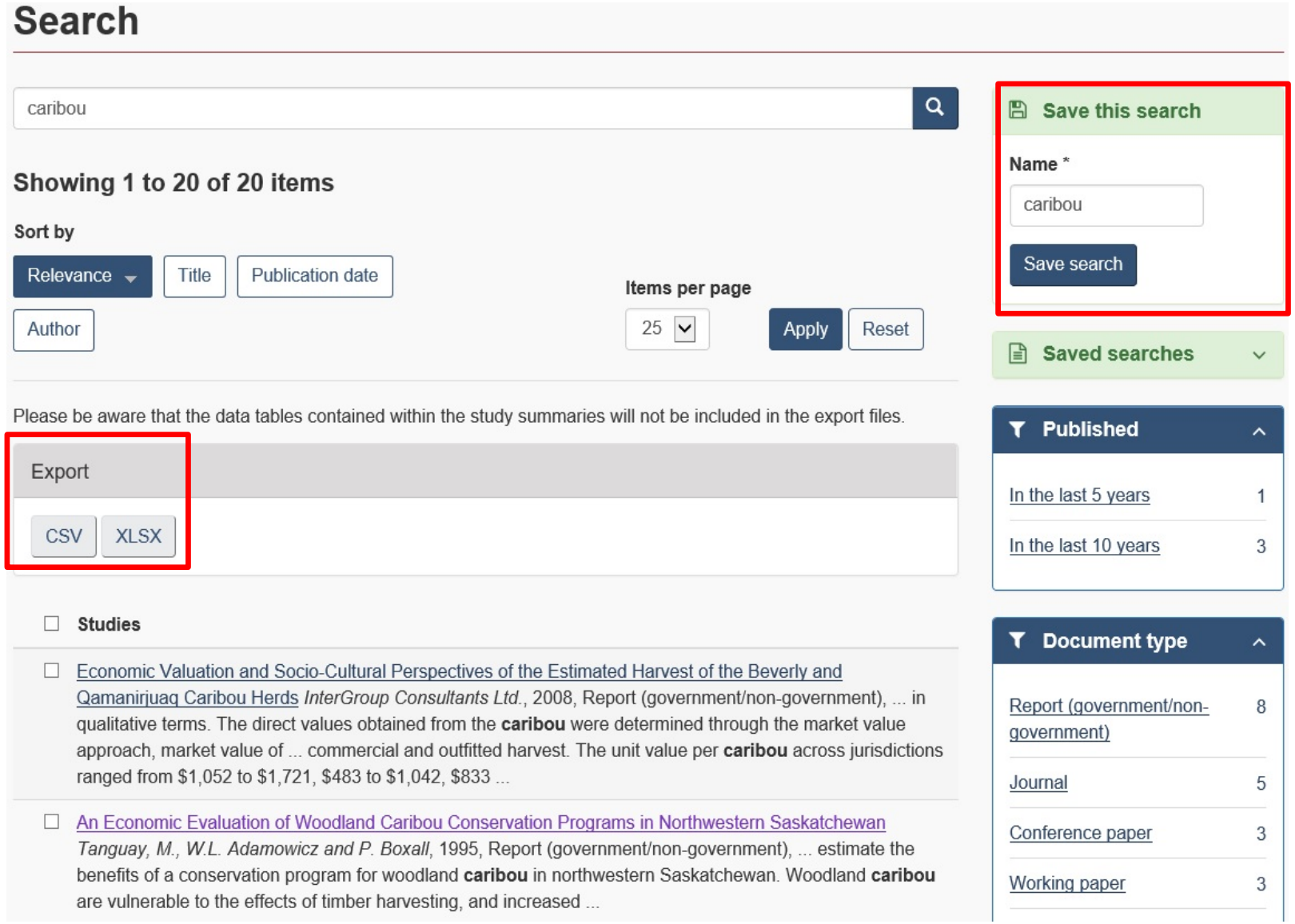

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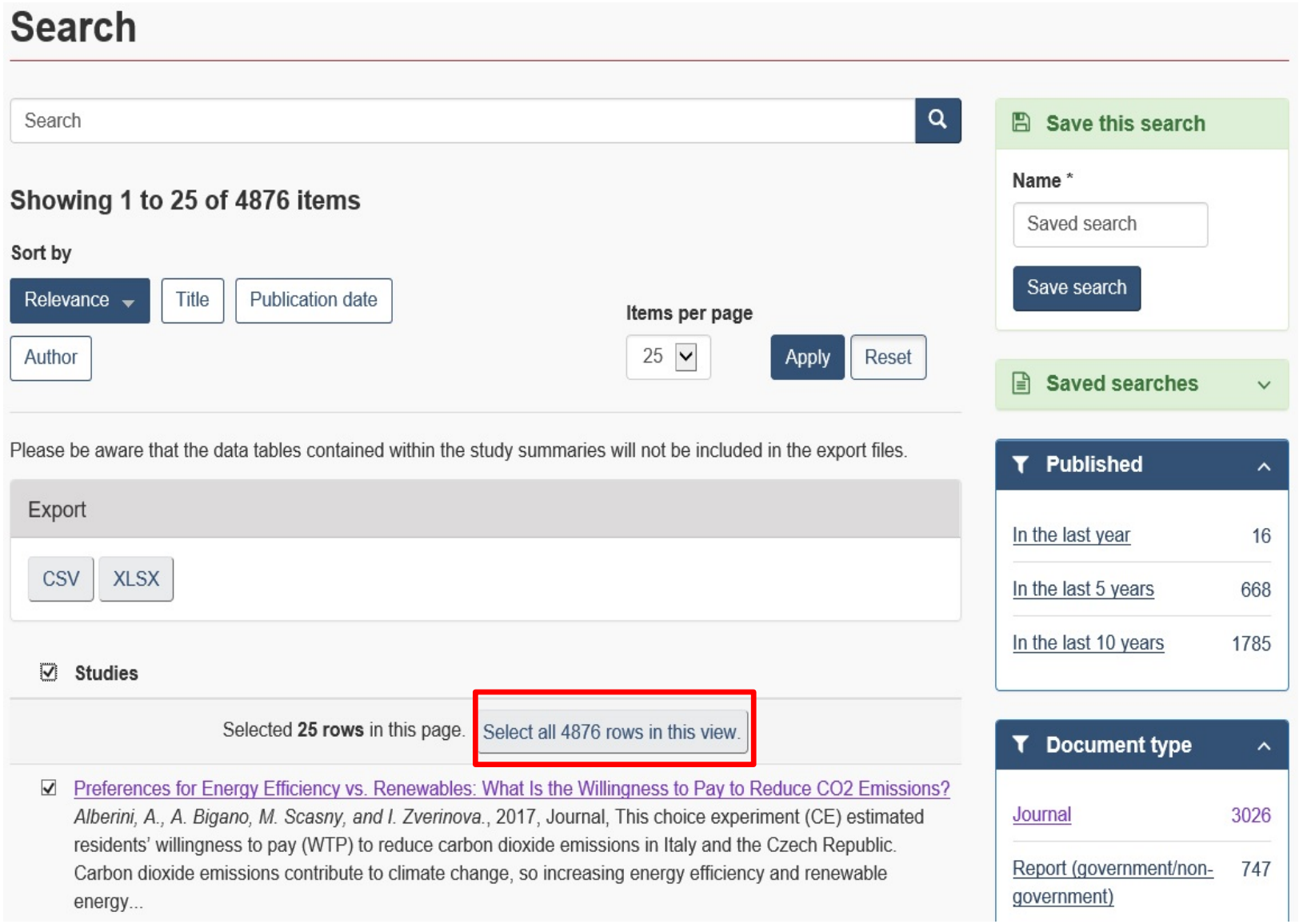
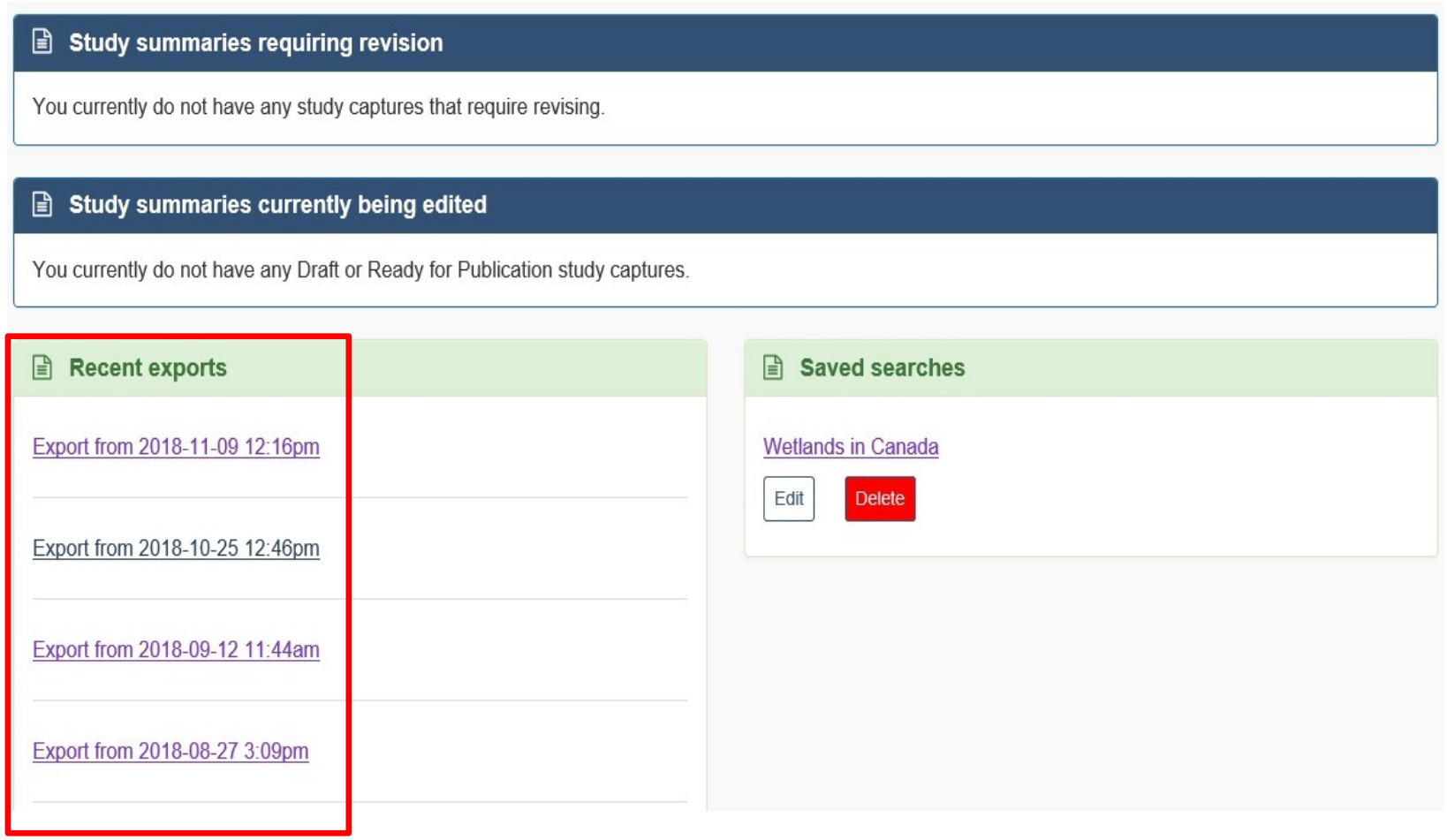


The entire database's content can be extracted in a single CSV or XLS spreadsheet

(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

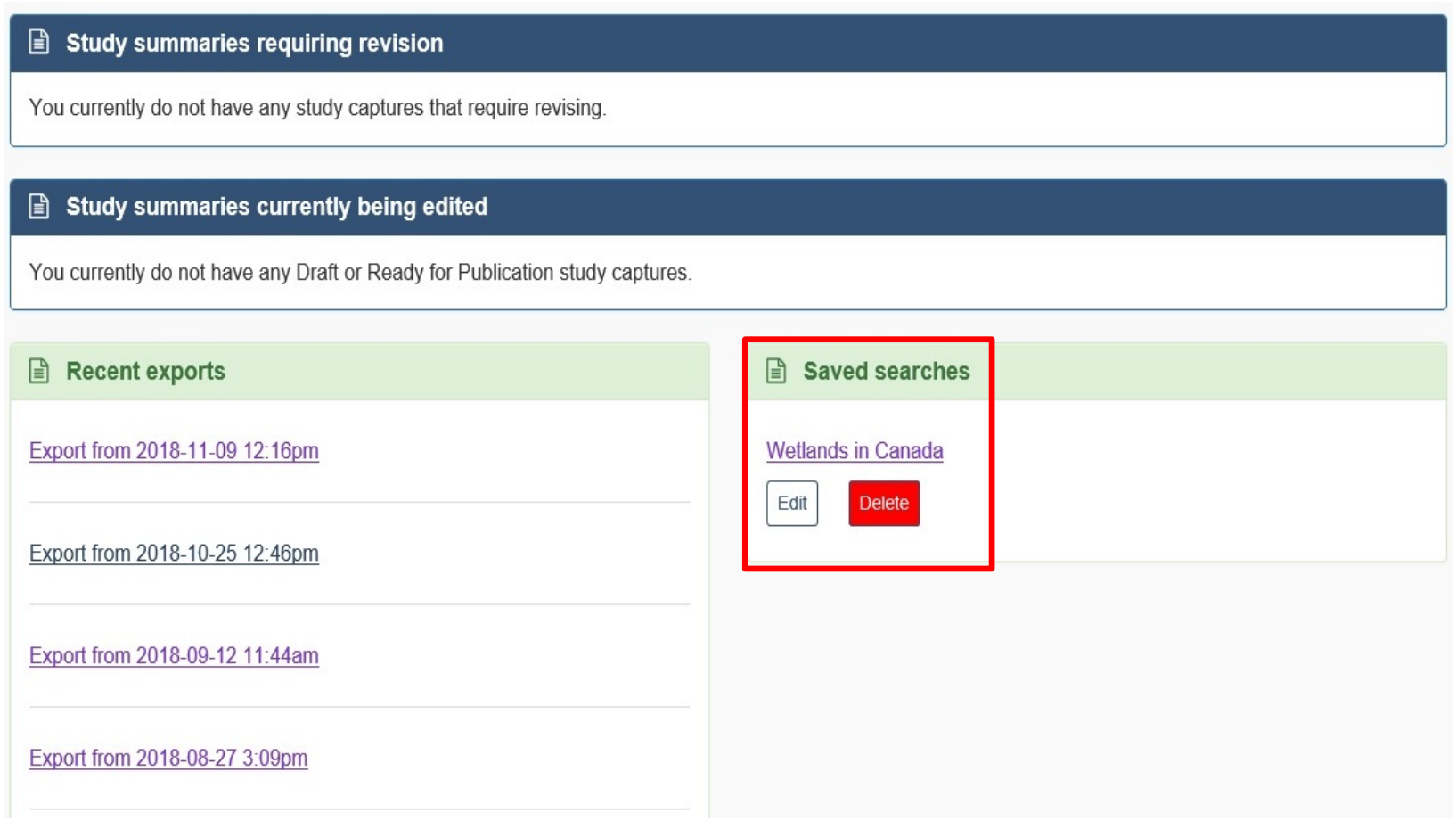
« My Account » section



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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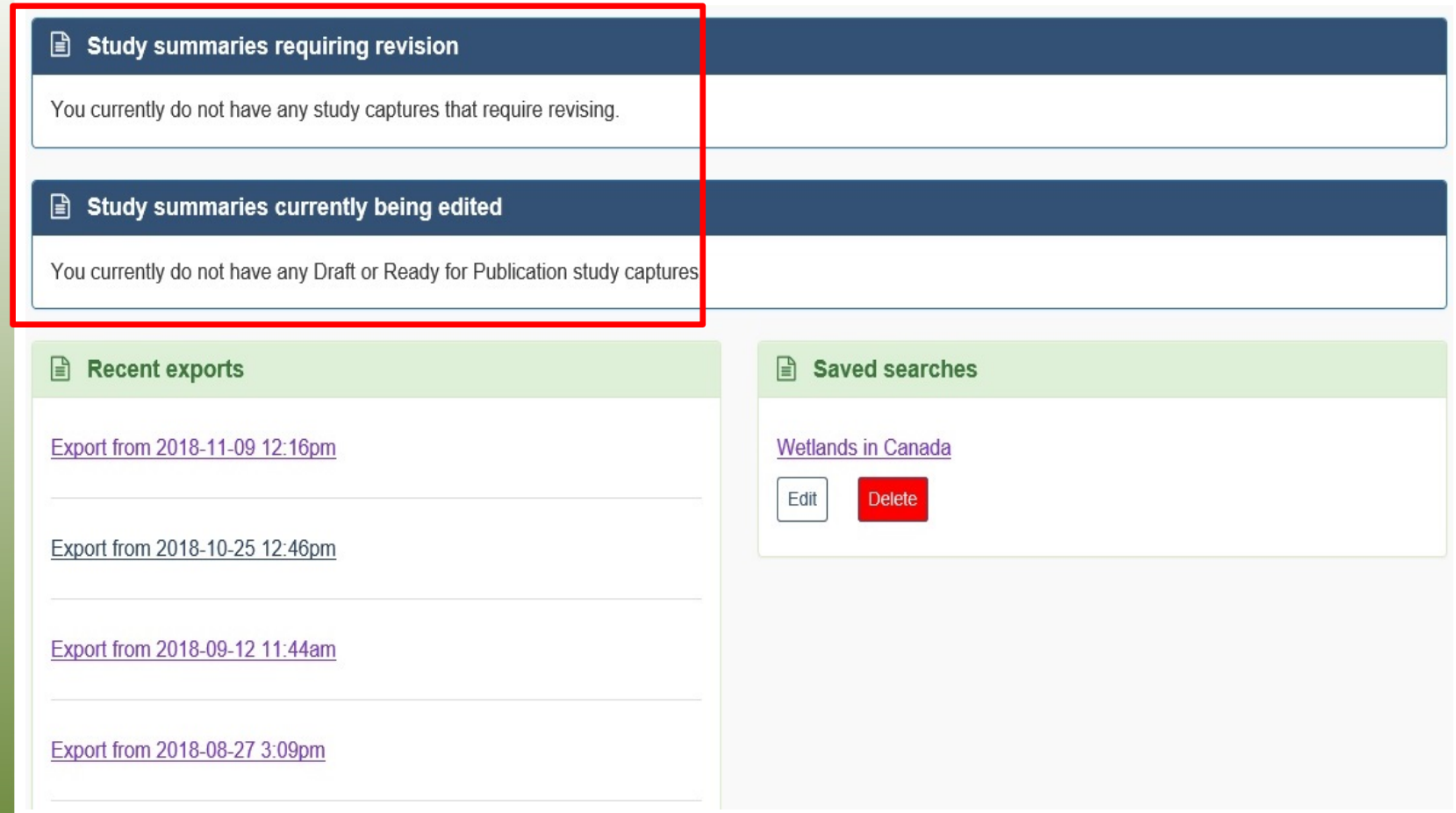

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All users can voluntarily submit content, subject to:

- 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!