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Dynamic Bibliographies: A Simple Tool for Finding Current Science on Conservation Practices

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Introduction

Research on conservation practices is of little value unless the results are shared broadly with other researchers, practitioners, policy makers and others. Scholarly journals, government reports, extension publications and other such documents provide a mechanism for sharing research results. However, locating relevant documents on conservation practices can be difficult for busy professionals given the vast amount of information that must be sifted through. Bibliographies created by information management professionals assist in this process by compiling relevant literature citations into discrete, subject-specific containers (e.g., electronic and/or paper documents). A drawback of this approach is that these static documents cannot be easily updated to include new research.

The Water Quality Information Center (WQIC) at the National Agricultural Library has developed a way to address this issue. Originally used to keep the first four Conservation Effects Assessment Project (CEAP) bibliographies current, this poster describes dynamic bibliographies---freely available, online bibliographies that contain the most up-to-date information on conservation practices and related issues.

What is a dynamic bibliography?

A dynamic bibliography is the result of a predefined search strategy run against a bibliographic database. The term "dynamic" refers to the fact that a new bibliography is generated each time a search is run, so the bibliography's records are always up-to-date.

How are WQIC dynamic bibliographies an improvement over conventional bibliographies?

Unlike conventional bibliographies, which are static documents that become dated over time, each time a dynamic bibliography is accessed, it is updated with any new citations that are available. In this way, the bibliography stays current.

What are the limitations of WQIC dynamic bibliographies?

- Only citations from AGRICOLA are available.
- Because the searches are performed automatically, some irrelevant citations may be included while some relevant citations may be omitted.

What topics are currently covered by WQIC dynamic bibliographies?

- Agricultural Conservation Practices
- Environmental Credit Trading
- Impacts of U.S. Department of Agriculture Conservation Programs
- Implementing Agricultural Conservation Practices
- Riparian Buffers
- Conservation Tillage
- Cover Crops
- Drainage
- Fencing and Livestock Exclusion
- Integrated Pest Management
- Irrigation
- Manure Management
- Nutrient Management
- Stream Restoration
- Wetlands

Sample Bibliography

Database Name: Article Citation Database
Search Request: Command = "conservation buffer?" OR "riparian buffer?" OR "filter strip?" OR "vegetated waterway?" OR "grassed waterway?" OR shelterbelt? OR windbreak? OR skey "alley cropping" OR "vegetative barrier?" OR "snow fence?"
Search Results: Displaying 1 through 20 of 492 entries.

1 21 41 61 81 101 ... 481 Next

#	Date	Title Long	Author
[1]	2006	Agricultural Sediment Reduction by Giant Cane and Forest Riparian Buffers [electronic resource].	Schoonover, J.E.
[2]	2006	Assessing the opportunity cost of implementing streamside management zone guidelines in eastern hardwood forests.	LeDoux, C.B.
[3]	2006	Atrazine and metolachlor sorption to switchgrass residues.	Mersie, W.
[4]	2006	Challenges in modeling hydrologic and water quality processes in riparian zones.	Inamdar, S.
[5]	2006	Comparison of an antitranspirant spray, a polyacrylamide gel, and wind protection on early growth of muskmelon.	Hodges, L.
[6]	2006	Edge influence on forest structure in large forest remnants, cutblock separators, and riparian buffers in managed black spruce forests.	Mascarua Lopez, L.E.
[7]	2006	Effect of controlled drainage and vegetative buffers on drainage water quality from wastewater irrigated fields.	Jia, Z.
[8]	2006	Effectiveness of Bermuda Grass as Vegetative Cover in Grassed Waterway: A Simulated Study.	Mishra, P.K.
[9]	2006	Effectiveness of different buffer widths for protecting headwater stream temperature in Maine.	Wilkerson, E.
[10]	2006	Effectiveness of vegetative filter strips in attenuating nutrient and sediment runoff from irrigated pastures [electronic resource].	Hay, V.
[11]	2006	Effects of vegetation and soil type on streambank erosion, southwestern Virginia, USA.	Wynn, T.
[12]	2006	Effects of Wind Barrier Protection on Eleven-Year Growth of Black Walnut Seedlings.	Heiligmann, R.B.
[13]	2006	Efficacy of natural grassland buffers for removal of Cryptosporidium parvum in rangeland runoff.	Atwill, E.R.

Where can I access WQIC dynamic bibliographies?

http://www.nal.usda.gov/wqic/Bibliographies

Can I produce my own customized dynamic bibliographies?

Yes. BooleanCUBE, the tool used by WQIC staff to create dynamic bibliographies, is freely available online. It can be accessed through the Advanced Search feature of the National Agricultural Library's catalog (AGRICOLA) at **http://agricola.nal.usda.gov**.

BooleanCUBE will allow you to create AGRICOLA searches that can be saved as permanent URLs, allowing you to easily run your search again in the future with just a click.

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