

**National
Agricultural
Library:
Electronic
Services and
Resources**

for

NRCS Employees



With emphasis on

DigiTop

USDA's Desktop Library

Presenters:

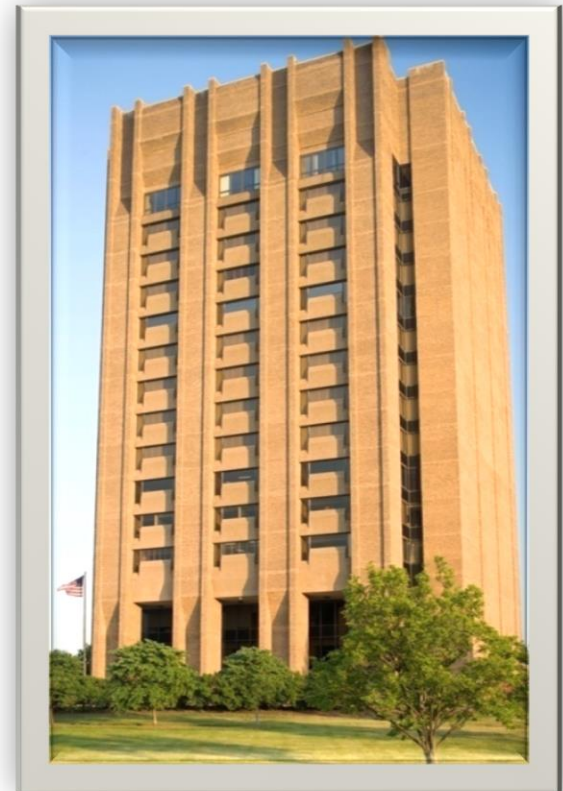
**Wayne Thompson
and
Tanya Tanner**

**Customer Services Unit
National Agricultural Library
10301 Baltimore Avenue
Beltsville, MD 20705
(301) 504-5755**

June 14, 2017

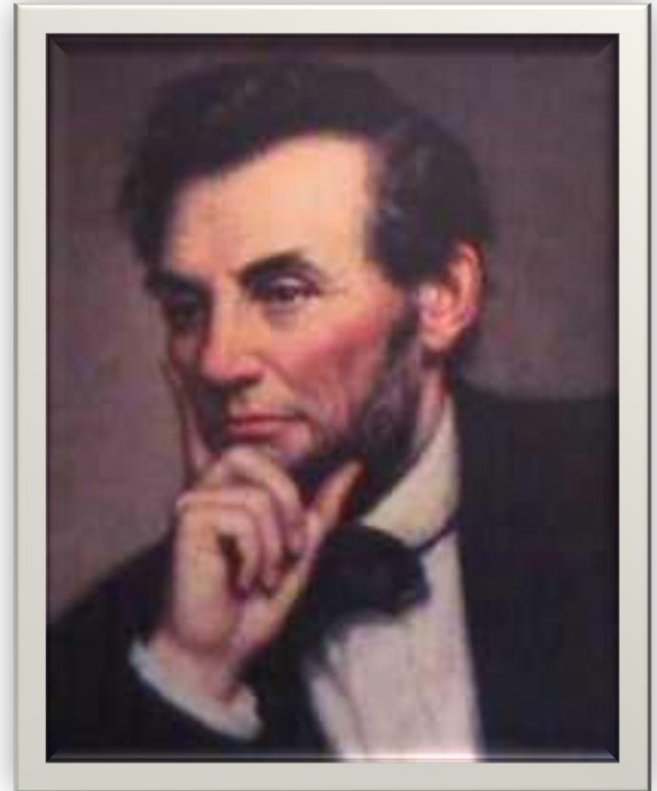
Agenda

- National Agricultural Library
- DigiTop
- Information Tools
- Search Strategies
- Wrap-up



National Agricultural Library

- Established in 1862 by President Lincoln with the signing of the Organic Act which created the U.S. Department of Agriculture



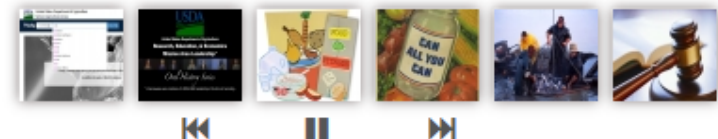
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USDA
United States Department of Agriculture
Research, Education, & Economics
Mission Area Leadership*

Oral History Series

* Interviewees were members of USDA-REE leadership at the time of recording.

Special Collections: Oral histories with USDA-REE leadership

**PubAg**

Search Engine for Published Agricultural Research.
How to use the PubAg API.

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- Contact us with your questions:
 - E-mail: agref@usda.gov or <https://www.nal.usda.gov/ask-question>
 - Phone: (301) 504-5755
 - Visit in person - 10301 Baltimore Avenue, Beltsville, MD



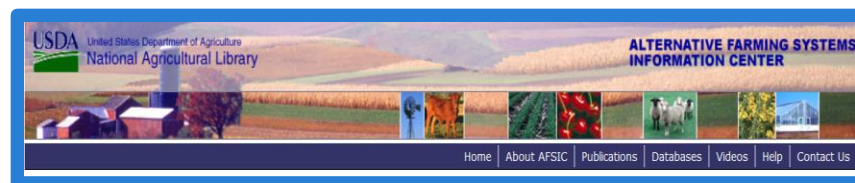
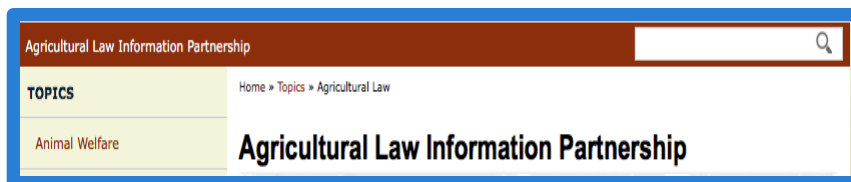
Information Centers

Agricultural Law Information Partnership supports the dissemination of agricultural and food law information to consumers, researchers and legal professionals.

Alternative Farming Systems (AFSIC) specializes in identifying resources about sustainable food systems and practices in support of USDA's effort to ensure a sustainable future for agriculture and farmers worldwide.

Animal Welfare (AWIC) is mandated by the Animal Welfare Act (AWA) to provide information for improved animal care and use in research, testing, and teaching.

National Invasive Species (NISIC): Gateway to invasive species information; covering Federal, State, local, and international sources.



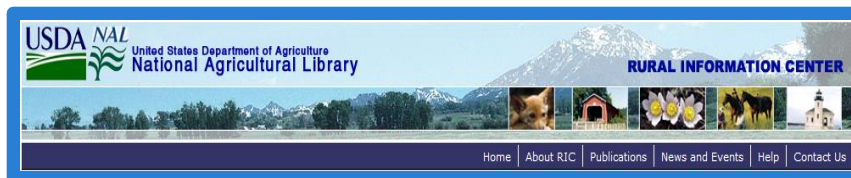
Information Centers

Rural (RIC) provides services for rural communities, local officials, organizations, businesses and rural citizens working to maintain the vitality of America's rural areas.

Food and Nutrition (FNIC) provides credible, accurate, and practical resources for nutrition and health professionals, educators, government personnel and consumers.

Food Safety Research (FSRIO) supports the research community by collecting, organizing & disseminating food safety information in accordance with H R 2534 Agricultural Research, Extension and Education Reauthorization Act of 1997, SEC 615.

Water and Agriculture (WAIC) collects, organizes, and communicates the scientific findings, educational methodologies, and public policy issues related to water resources and agriculture.



Databases & Datasets

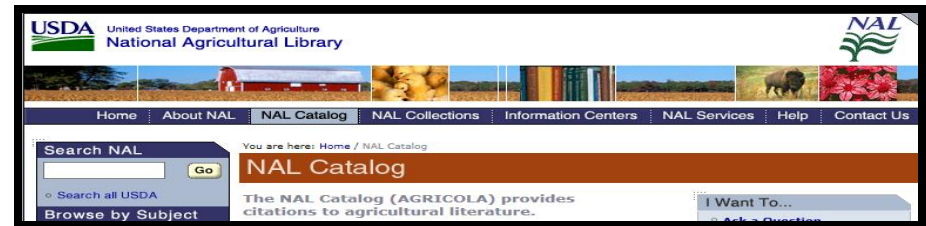
AGRICOLA two databases: the online catalog and an article citation index, includes links to full-text when available

- Publishers' sites
- NAL Digital Collections
- Internet Archive

National Agricultural Library Digital Collections (NALDC) digital materials and collections, historical publications, U.S. Department of Agriculture (USDA) research, and more.

PubAg provides full-text access to scientific journal articles by USDA researchers and more than 300,000 peer-reviewed articles relevant to the agricultural sciences.

Ag Data Commons provides access to a wide variety of open data relevant to agricultural research. A registry for data already on the web and a repository for new data published for the first time. Currently home to approximately 300 datasets.



Featured Program: Farm 2 Fly 2.0 Feedstock Readiness Level Repository


This joint initiative between USDA, US Department of Transportation, Department of Energy, and the aviation industry focuses on assessing and maturing feedstocks and developing supply chains for alternative jet fuel production.



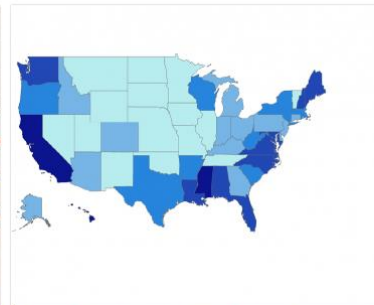
Topics

- Agricultural Products
- Agroecosystems & Environment
- Animals & Livestock
- Bioenergy
- Food & Nutrition
- Genomics & Genetics
- Maps & Multimedia
- Plants & Crops

Highlighted Datasets



These datasets were generated for calibrating robot-camera systems and to develop and test new robot-world, hand-eye calibration methods.



An analysis of nearly 3,000 U.S. federal aquaculture research grants awarded from 1990 to 2015, totaling nearly one billion dollars.



Data on the fate and density of emerald ash borer larvae and associated parasitoids on ash saplings in southern Michigan from 2013-2015.

Farm 2 Fly Feedstock Readiness Level (FSRL) Evaluations a catalog and archive of assessments of bioenergy feedstock development. The FSRL is a communication tool for evaluating production, market, and policy maturity of feedstocks for a particular use, specifically, alternative fuel production technologies..

I5k Workspace an inclusive genome portal for arthropod genome projects interested in making use of our resources. Over 50 arthropod genomes are now part of the i5k Workspace.

Life Cycle Assessment a catalog and archive of data, tools, and resources that support LCA for agriculture and related areas of research..

Long Term Agroecosystem Research The USDA Agricultural Research Service (ARS) Long-Term Agroecosystem Research network consists of 18 Federal and university agricultural research sites with an average of over 50 years of history. The goal of this research network is to ensure sustained crop and livestock production and ecosystem services from agroecosystems, and to forecast and verify the effects of environmental trends, public policies, and emerging technologies.

Veterinary Pest Genomics Center fosters an innovation ecosystem involving the network of laboratories directly linked to ARS National Program 104 (Veterinary, Medical, and Urban Entomology), and related locations, in a way that allows ARS to leverage its scientific talent and other research assets.



Search Tip

- If you include **site:** in your query, Google will restrict your search results to the site or domain you specify. For example, (conservation site:.gov) will retrieve information from government (.gov) sites, and (conservation site:.edu) will find pages about conservation within the .edu domain.
- Do not include a space between the “site:” and the domain.



Welcome to DigiTop



DigiTop Is . . .

- A service of the National Agricultural Library that delivers 24/7 access to users wherever you are and whenever you need it
- Hosted, managed, and maintained by NAL
- Cooperatively funded by NAL, ARS, APHIS, CNPP, ERS, FNS/OPS, FSIS, FAS, FS, NIFA, and **NRCS**

DigiTop Is . . .

- The USDA's Desktop Library is provided for the official use of USDA employees



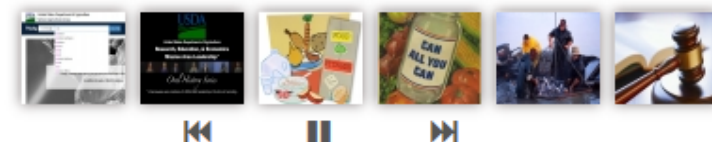
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How to use the PubAg API.

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About DigiTop



DigiTop brings licensed journals, newspapers, databases and directories to USDA employees.

Access is restricted to authorized users.

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[Go to NAL Home](#)

On the USDA network but still getting this page? Follow this [alternate access point](#) and then click on 'Home'.

What is DigiTop?

DigiTop is USDA's Digital Desktop Library. It serves as a gateway to quality information resources, many not available through the "ordinary" Web.

What's in DigiTop?

DigiTop supplies authoritative and reliable published information about agriculture, forestry and allied fields, including government, economics and business, by providing around-the-clock access to key databases, journals, newspapers, statistics, and other important electronic resources that we've licensed on behalf of USDA employees.

How can I access DigiTop?

Need a Proxy Account?

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If you are a USDA employee and want to use DigiTop from outside a USDA network, such as when working from home, when on travel, or if stationed on a college campus, request a proxy account by **e-mailing DigiTop Proxy** and providing the following information:

- Your name
- Agency
- Work phone number
- Work e-mail address
- City and state where you work

Trouble Connecting?

If you are a USDA employee

DigiTop Proxy Access

- Send request to: DigiTopProxy@usda.gov
- Include:
 - Name
 - Agency and location (city, state, and country)
 - Official work email address
 - Telephone number

Proxy Access allows access to DigiTop resources from Internet connected devices, anywhere, any IP Address.

Proxy Accounts must be renewed annually.*



DigiTop Terms of Use

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Browse by Type

- o Journals
- o News Sources
- o Databases
- ▶ Books
- o Protocols
- o Directories

Browse by Subject

- o Animals and Livestock
- o Economics and Statistics
- o Food and Nutrition
- ▼ Laws and Regulations
 - o Civil Rights
- o Natural Resources and Environment
- o Plants and Crops

Home



Search Navigator: Search

Search ten science databases and nearly 100 million references all at once!

Navigator is USDA's one-of-a-kind search engine for across-the-board / in-depth access to: AGRICOLA, BIOSIS, CAB Abstracts, EBSCO Environment Complete, GEOBASE, GeoRef, MEDLINE, and Zoological Record.

I Want To

- Ask a Question
- Access Full-Text Journals
- Request Library Materials
- Suggest a Resource or Database
- Submit to NAL Digital Collections

See Also

- DigiTop Announcements: Sign-Up
- 2017 Active Subscription List

Read the Latest Research

- Biofuels
- Climate change and agriculture/natural resources
- Cloned animals as food
- Environmental Justice
- Food Prices
- Food Security



BNA - Birds of North America



USDA in the News - NewsBank



Locate full-text e-journals in DigiTop (4 minute video)



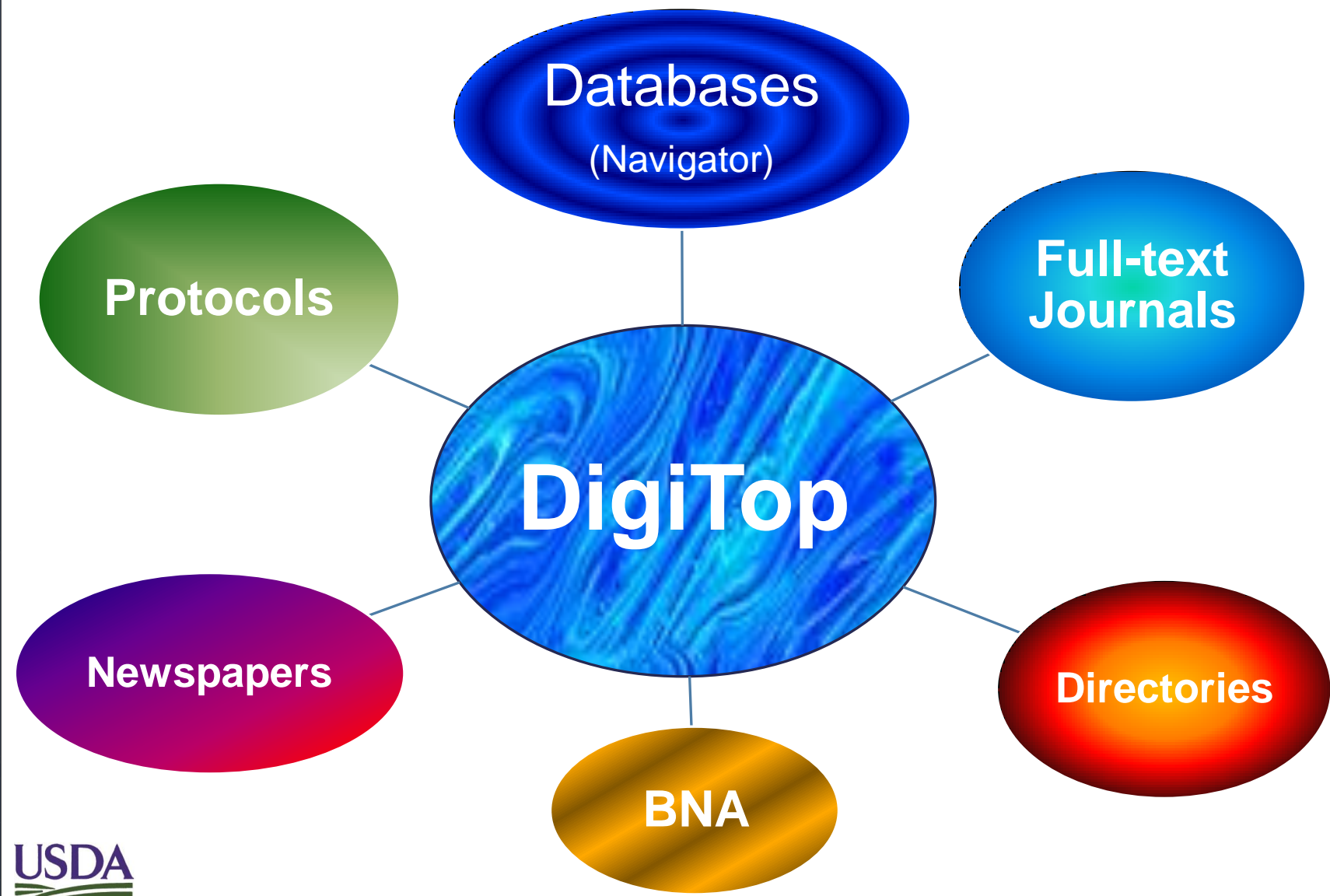
Wall Street Journal



Leadership Library (Yellowbooks)

Search NALT

National Agricultural Library's
Thesaurus



DigiTop Navigator (database platform)

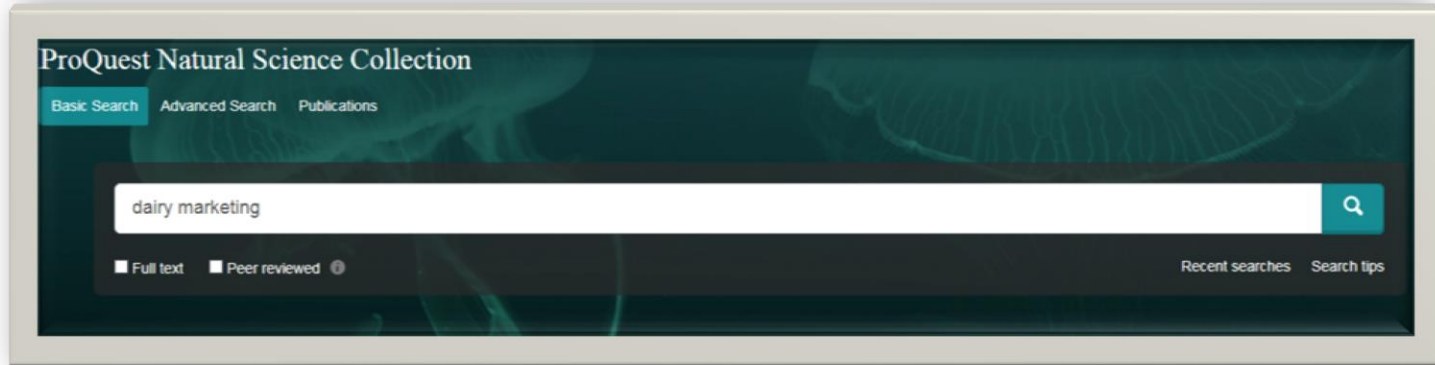
- Multiple databases
 - 12 active databases
 - Composite records
 - Keywords from across databases
 - Immediate visual of full-text access
- Citation management
 - Alerts
 - Auto-save last 30 searches



ProQuest Natural Science Collection

○ Features

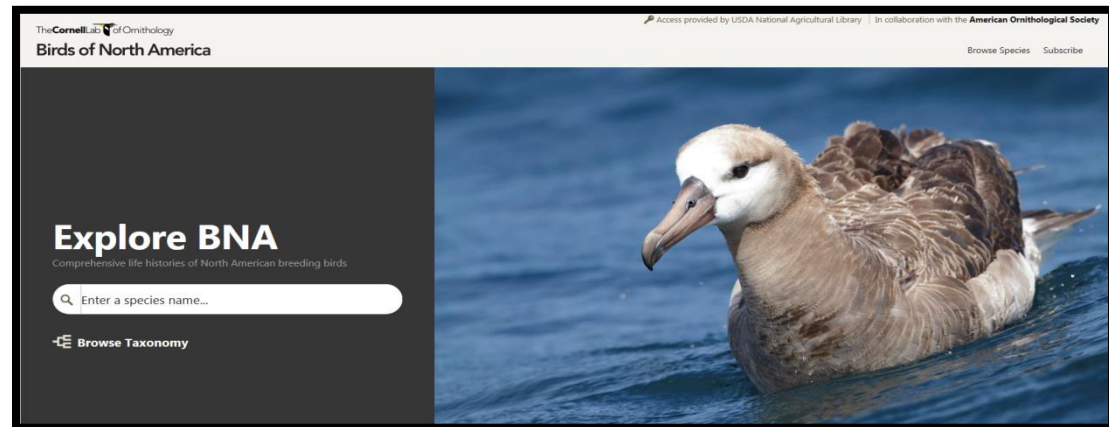
- Searches full-text
- Trade and industry journals, reports,
- Graphics, charts, and tables



Birds of North America

○ Features

- Life histories of over 760 bird species that breed in the U.S. and Canada
- Audio
- Maps
- Images and video



Scopus

○ Features

- Most cited
- View cited by
- Author evaluation tools
- Author citation counts
- Author alerts
- Affiliation search



The screenshot displays the Scopus website's document search interface. At the top, the Scopus logo is on the left, and navigation links for Search, Sources, Alerts, Lists, Help, SciVal, Register, and Login are on the right. Below this is a teal header for 'Document search' with a 'Compare sources' link. Underneath, there are tabs for Documents, Authors, Affiliations, and Advanced. A search input field is present with a 'Search' button and a dropdown menu for search criteria, currently set to 'Article title, Abstract, Keywords'. A small example text 'E.g., "heart attack" AND stress' is shown below the search field.

Google (bat or bats) and (tamarisk or tamarisk or "salt cedar" or saltcedar)

Scholar About 26 results (0.17 sec)

Articles

Case law

My library

Any time

Since 2017

Since 2016

Since 2013

Custom range...

Sort by relevance

Sort by date

include patents

include citations

Create alert

Occupancy patterns of western yellow **bats** (*Lasiurus xanthinus*) in palm oases in the lower Colorado Desert [PDF] researchgate.net
Full Text via DigiTop
DD Ortiz, CW Barrows - *The Southwestern Naturalist*, 2014 - BioOne
... arousals in hibernating **bat** populations (Thomas, 1995) but have unknown effects on nonhibernating populations such as western yellow **bats**. Native palm oases are often invaded by nonnative invasive plant species, primarily **tamarisk** or **salt cedar** (*Tamarix ramosissima*) and ...
Cited by 1 Related articles All 4 versions Cite Save

[PDF] San Pedro River riparian vegetation across water availability and flood disturbance gradients [PDF] azriparian.org
SJ Lite - 2003 - azriparian.org
... Pedro River, these forests have been re- placed by shrublands of **salt- cedar** (*Tamarix ramosissima* ...
Bat unpredictabil- ity has been suggested as the major ecological factor behind the evolution ...
Pollination experiments in tropical deserts showed that **bats** are the major pollinators ...
Cited by 8 Related articles All 4 versions Cite Save More

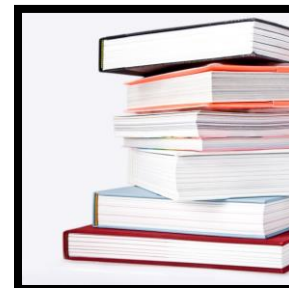
Current knowledge and attitudes: Russian olive biology, ecology and management [PDF] fs.fed.us
SE Sing, KJ Delaney - 2016 - treesearch.fs.fed.us
... a) whether the situation can be mitigated (eg, with restoration following **Tamarix** defoliation by ...
WNS, *Pseudogymnoascus destructans*, has been detected on the silver-haired **bat** but with ... of
WNS documented thus far (<https://www.whitenosesyndrome.org/about/bats-affected-wns> ...
Related articles All 2 versions Cite Save

Avian use of isolated cottonwood, **tamarisk**, and residential patches of habitat during migration on the high plains of New Mexico [PDF] researchgate.net
Full Text via DigiTop
GS Keller, JD Avery - *The Southwestern Naturalist*, 2014 - BioOne
... may use invasive stands of nonnative **tamarisk** (or **salt cedar**, *Tamarix ramosissima* ... **Saltcedar**
invasion in desert wetlands of the southwestern United States: ecological ... Floristics and
physiognomy determine migrant landbird response to **Tamarisk** (*Tamarix ramosissima*) invasion ...
Cited by 2 Related articles All 6 versions Cite Save

Disappearance of a dominant bosque species: screwbean mesquite (*Prosopis pubescens*) Full Text via DigiTop
SE Foldi - *The Southwestern Naturalist*, 2014 - BioOne
... "The devil's own": **tamarisk**. ... 2002. Establishment patterns of native *Populus* and *Salix* in the
presence of invasive nonnative **Tamarix**. ... Growth and survivorship of Fremont cottonwood, Gooding
willow, and **salt cedar** seedlings after large floods in central Arizona. ...
Cited by 3 Related articles All 3 versions Cite Save

Inventory of Terrestrial Mammals at Amistad National Recreation Area, Texas [PDF] academia.edu
Full Text via DigiTop
MA Bahm, JM Mueller, AR Sides - *The Southwestern Naturalist*, 2008 - BioOne
... Baccharis), willow (*Salix*), tobacco tree (*Nicotiana glauca*), **tamarisk** (**Tamarix**), and bermudagrass ...
These habitats were dominated by **saltcedar** (**Tamarix**) and Roosevelt weed (*Baccharis neglecta* ...
Vegetation was dense and dominated by exotic weeds and **salt cedar** (**Tamarix**) ...

DigiTop eJournal Coverage



- Over 7,000 journal titles
 - **Journal of wildlife management**
from 2012 to present in Wiley-Blackwell Full Collection
 - **Human-wildlife interactions**
from 2011 to present in Environment Complete
- Archives of many titles from various publishers
 - **Journal of wildlife management**
from 2004 to 2012 ProQuest Natural Science Collection

DigiTop News Sources

- NewsBank
 - ~5000 newspapers
 - 116 magazines
- Economist.com
- Wall Street Journal
- Financial Times
- ViewsWire



DigiTop Alerts

- Stay informed and up-to-date
- Save time repeating searches
- Database alerts allow you to track
 - Authors and/or subjects
 - Citations (only on Scopus)
- News alerts allow you to track
 - Topics in specific regions/locales



Document Delivery Service

- Request copies of documents and borrow books that aren't available online



- Most requests filled within 2 working days

Document Delivery Service

- If the item you need isn't in the NAL collection we can still get it for you
- Delivery by your method of choice: email, post to web, fax, or mail



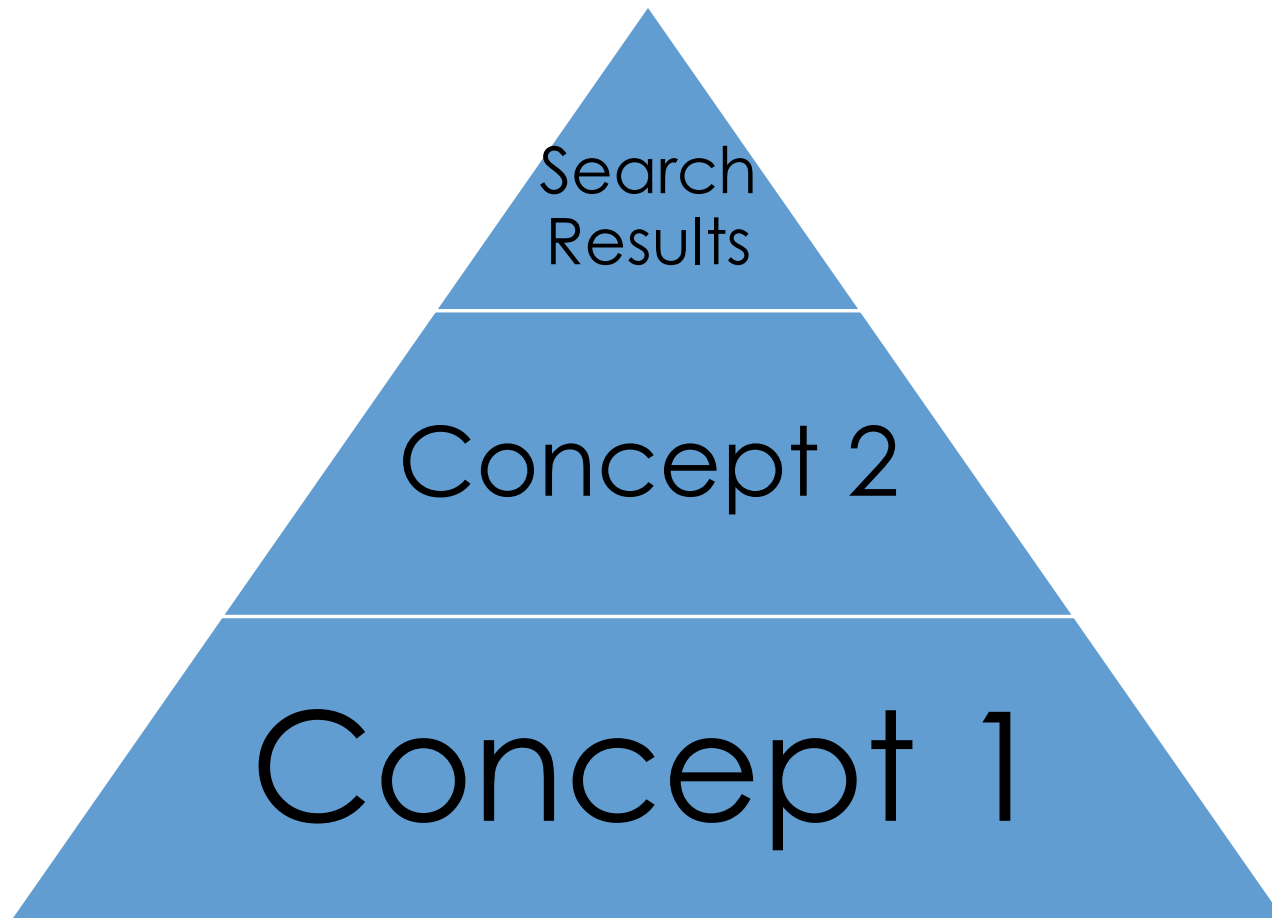
4 Ways to Submit Requests

- DigiTop
- AGRICOLA
- Google Scholar
- Direct Request

Submit a Request

<https://digitop.nal.usda.gov/digitop-help/requesting-library-material>

Building Your Search Pyramid



Step 1: Form the statement (query)

- Create a research statement
 - Frame the topic you want to investigate as statement or a question including the most important subjects (descriptors)



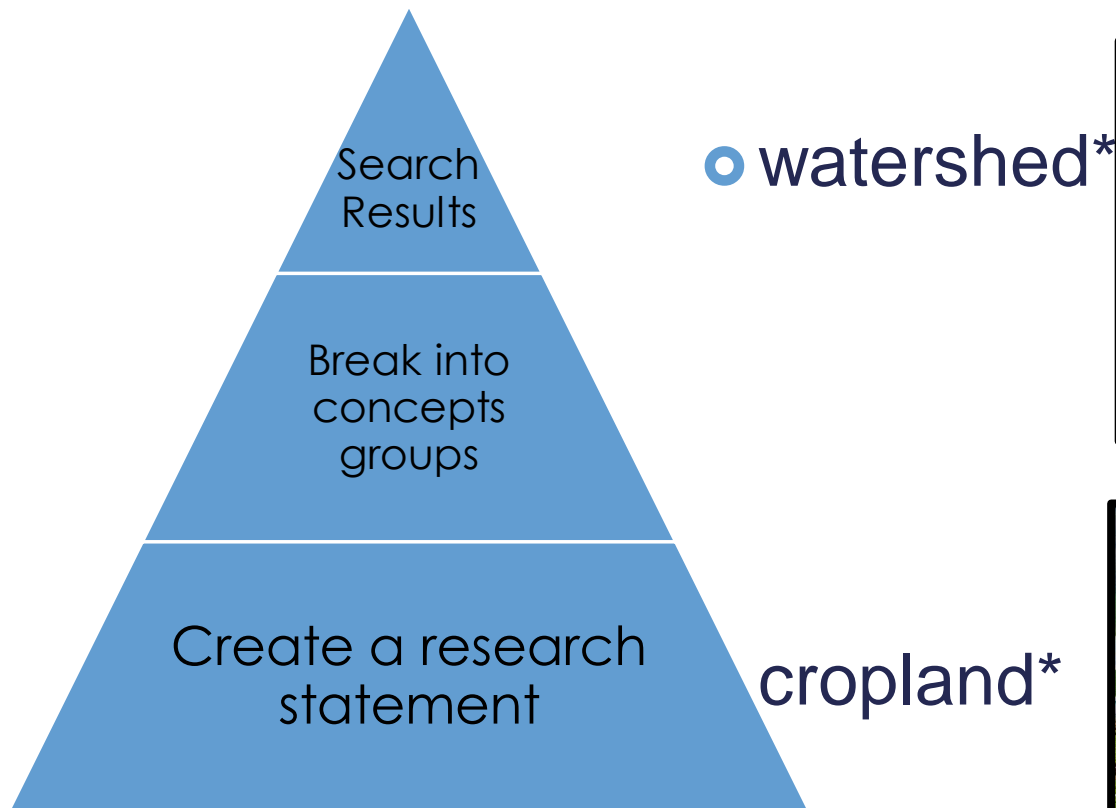
The Search Statement

- Identifies the major subject or topic you will be investigating
- Clarifies the relationship(s) between topics

Example: Wildlife responses to agriculture



Step 2: Break the statement/query into concept groups



Synonyms:

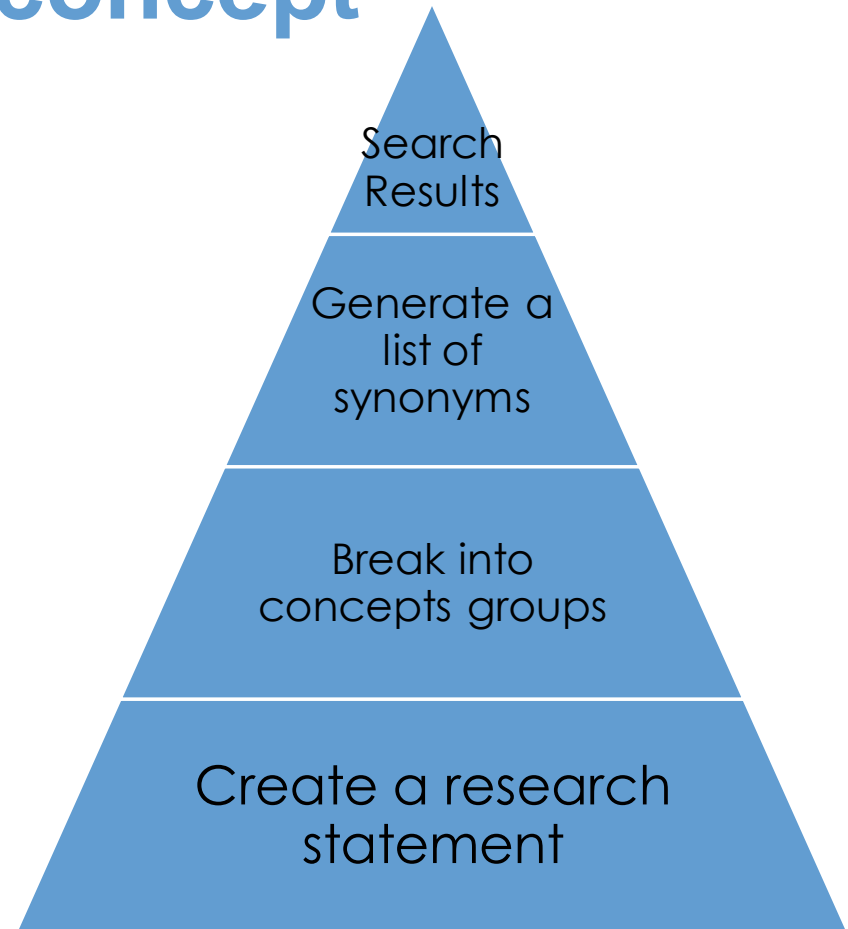
- Complete each concept by adding equivalent or more specific terms. Adding more general terms will broaden the search.
- E.g., wildlife or deer or birds or antelope, etc.



Searching

Step 3. Generate a list of synonyms to complete each concept

wetlands
marshes
peatlands
playas
bogs
swamps
fens



NAL Thesaurus

(<https://agclass.nal.usda.gov>)

- Using the NALT to look at “conservation programs” you will find:

Used For:

conservation programmes

Broader Term:

environmental programs

Narrower Term:

Conservation Effects Assessment Project
Conservation of Private Grazing Land Program
Conservation Reserve Program
Conservation Security Program
Environmental Quality Incentives Program
Farmland Protection Program
Resource Conservation and Development Program
The Nature Conservancy
Wetlands Reserve Program
Wildlife Habitat Incentives Program

Related Term:

conservation areas
governmental programs and projects
land retirement
natural resources conservation
Natural Resources Conservation Service

Spanish:

programas de conservación



Italicized terms are not preferred terms

Searching

Step 4. Identify the 2 most important concepts and combine

Try:

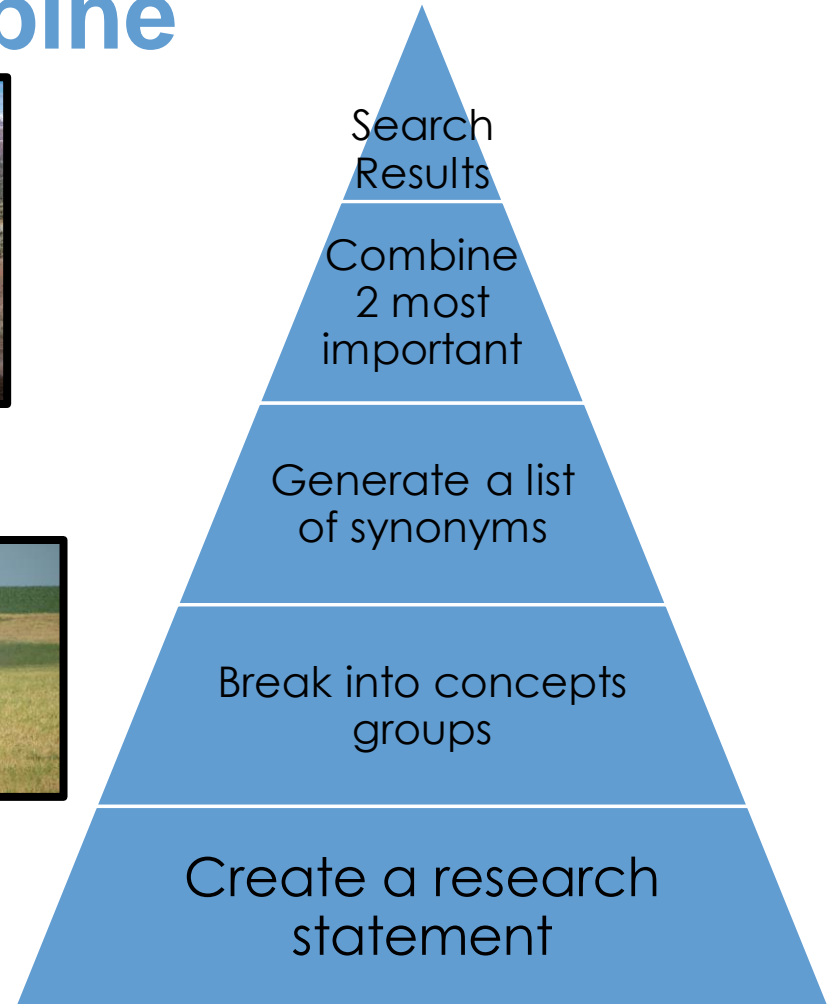
- watershed* or etc.



- AND

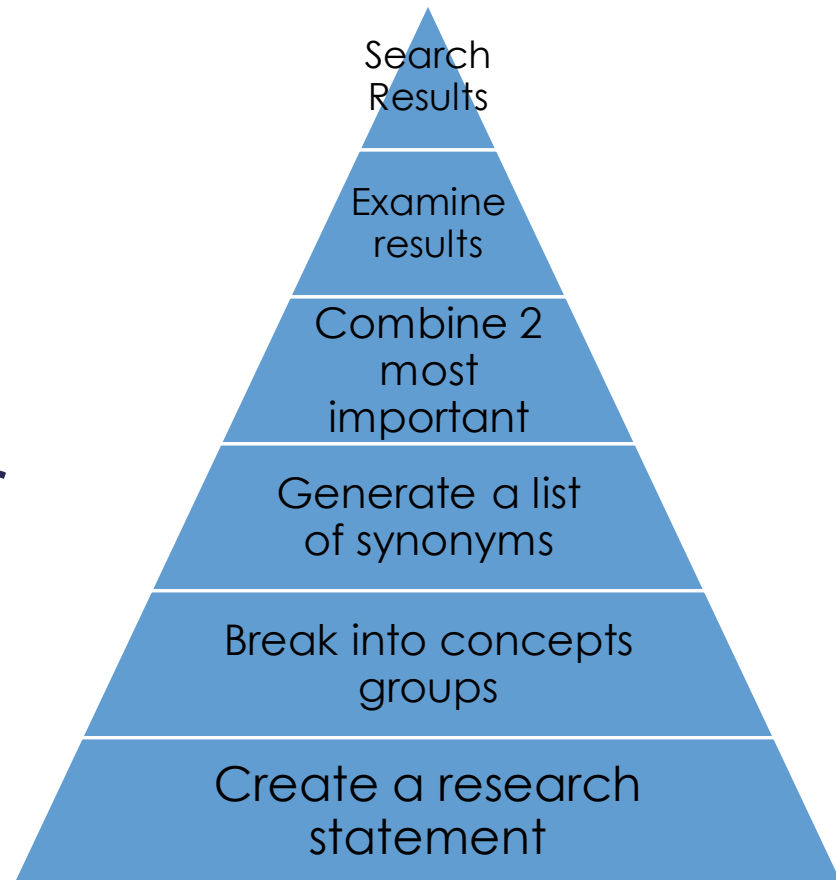
+

- cropland* or etc.



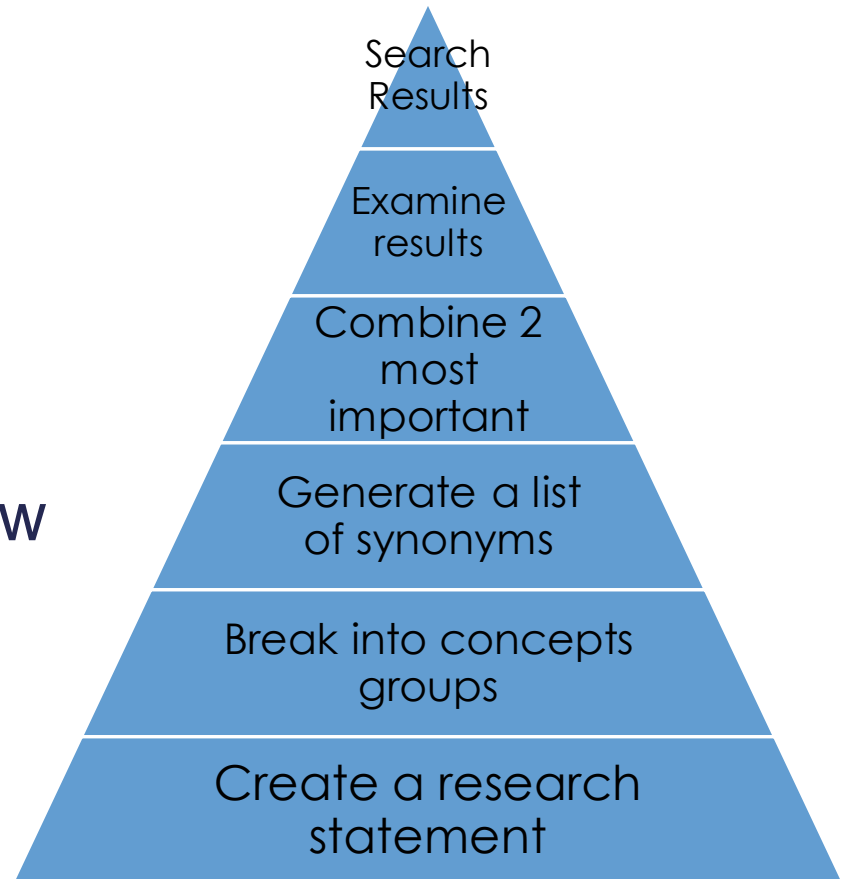
Step 5. Examine the results and decide whether the results need to be narrowed

- If most of the results are relevant, the search strategy doesn't need another set to be added to narrow



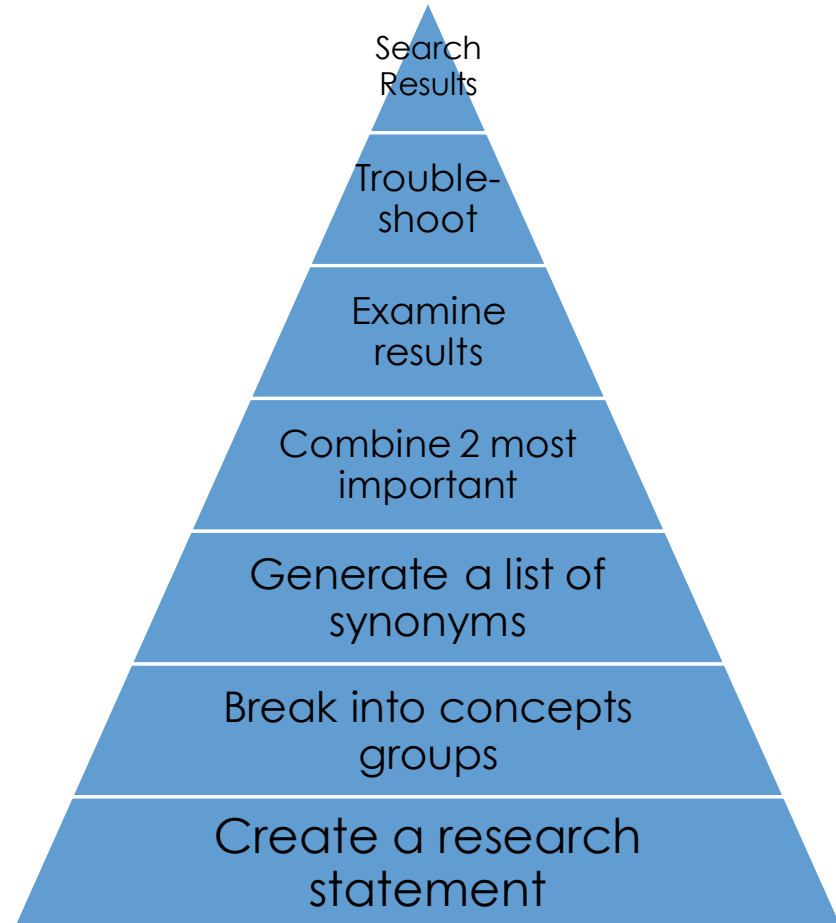
Step 5. Examine the results and decide whether the results need to be narrowed

- If the results are too broad, add in the next most important set. In this example you might add only specific crops you want or create a new set of more specific terms such as runoff or non-point source or pollution.



Step 6. Trouble-shooting your search

- Diagnosing the problem
 - Look at the results
 - See what “false drops” have in common
 - Fix what you can
 - Add a NOT group of things to exclude
 - Fix any “unfortunate” truncations
 - Create another set to define the scope of the search



Step 7. Contact NAL Customer Service for Assistance!

agref@usda.gov

or

<https://www.nal.usda.gov/ask-question>

Your NAL

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 - Info/Help
 - Proxy Access Requests

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DigiTop@usda.gov
DigiTopProxy@usda.gov
- Customer Services
 - AgRef@libraryresearch.info
 - Phone: (301) 504-5755



Your NAL (cont.)

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<http://www.nal.usda.gov/services/request.shtml>

○ Info/Help

nal-docdel@ars.usda.gov

○ Phone

(301) 504-5717

○ NAL Digital Collections

<https://naldc.nal.usda.gov/>

Questions



- Suggestions for DigiTop more useful to you
- Reminders
 - Online training and tutorials
 - DigiTop Help pages

Thank You!



Contact Us

For assistance with NAL/DigiTop services and resources

National Agricultural Library

10301 Baltimore Avenue
Beltsville, MD 20705

Phone: (301) 504-5755

Email: <http://www.nal.usda.gov/ask-question>

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- (301) 504-6041

