How to use the Conservation Agriculture (CA) Research Network's Zotero-based Library

Welcome to the CA Research Network's database for information on Conservation Agriculture (CA). The instructions below will help you to navigate our open-source database of research items, which includes journal articles, book chapters, reports, conference papers, and other research material.

Anyone can use the CA library free of charge! You can search the library and access the article abstracts and metadata. HOWEVER, if you would like to have access to the *full text*/PDF, you will need to join Zotero and become a member of the CA Research Network (CLICK HERE for instructions to join and access full text articles). The Cornell Conservation Agriculture library is found at:

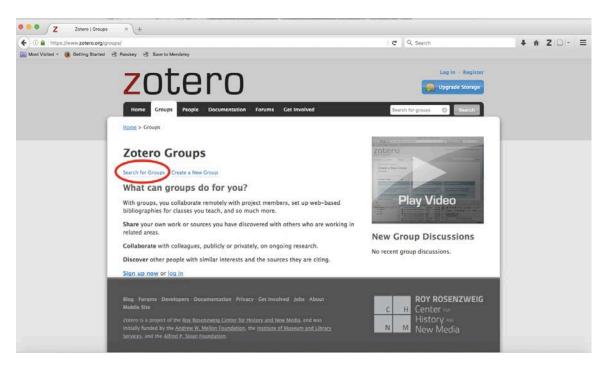
https://www.zotero.org/groups/348525/cornell conservation agriculture/items

Here's how to use the library database:

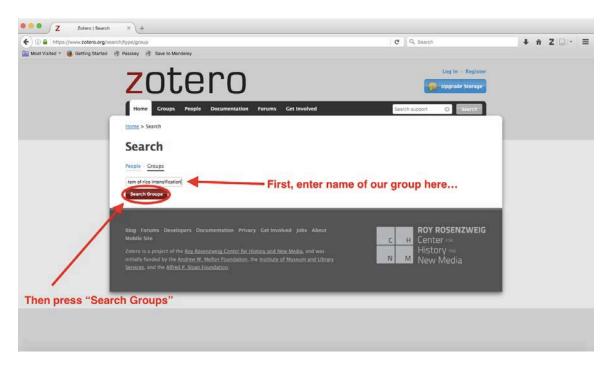
1. Go to <u>zotero.org</u>. Click on the <u>Groups</u> tab on the top menu bar. Please keep in mind **that it is not necessary to download Zotero or make an account to search our database**, though you may wish to do so for your own research agenda and to have access to PDFs.



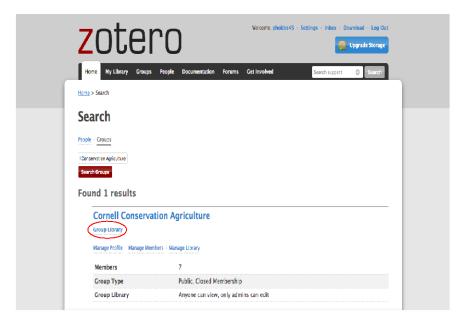
2. Click on Search for Groups link.



3. Search for **Cornell Conservation Agriculture** in the search box, then click the red **Search Groups** link.



4. Click on the <u>Group Library</u> link below the group name. This will bring you to the Cornell Conservation Agriculture Research Network library.



5. To search by **author, title, or year**: enter your query into the search feature found at the right of the top menu bar.

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You can also search for keywords in the full text of the article. Simply select this option by pressing on the arrow to the left of the search box.

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6. To sort items by topic or theme: scroll down to the bottom left hand side under the **Tags** section and click on the link below the tags called **More.**

Spanish CA Articles	The cheers and challenges of Conservation Agriculture progra	Boss and Lutz	4/21/2017 2:35 PM
🧧 To Be Sorted	Soil organic carbon accumulation in Conservation Agriculture	Corsi et al.	10/24/2015 3:43 PM
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	Food security as a function of Sustainable Intensification o	Friedrich and Kassam	5/7/2017 9:48 AM
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	Carbon sustainability and productivity of maize based croppi	jat et al.	11/3/2015 9:06 PM
	Conservation agriculture in central Asia: Status, Policy, In	Kassam	10/24/2015 3:43 PM
	Conservation Agriculture and its contribution to	Kassam et al.	5/7/2017 0-30 AM

As an example, click on the **Adoption/Disadoption** tag. Highlighting this tag will pull up approximately 37 articles out of 2589 that discuss **adoption/Disadoption** of CA in a substantive manner.

📴 To Be Sorted		An empirical analysis of climate change perceptions and cons	Becker	10/24/2015 2:58 PM
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You can further refine your results by then clicking on Africa. And any of the other tags

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7. Results can be refined by both keyword and tag: Typing **Barley** in the search bar *in combination* with the two previous tags yields one article. The two tags are still highlighted.

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Library		Title	Creator	 Date Modified
🔚 Bernard Files	Root and Nit	Growth of Barley as Affected by Tillage System	F. J. Morell and Lampurlanés	10/24/2015 2:58 PM
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When combining **tags** with **keywords**, be sure to always search *again* with the **keywords** after selecting your tags. Just highlighting the tags resets the search according to the tag results.

8. Clicking on the article will reveal its basic information: title, abstract, authors, citation information, and tags.

🚘 Books	Item Type	Journal Article
🔄 Chinese CA Articles	Title	Root Growth of Barley as Affected by Tillage Systems and Nitrogen Fertilization in a Semlarid Mediterranean Agroecosystem
Conference Proceedings	Author	F. J. Morell, . * C. Cantero-Martínez, J. Álvaro-Fuentes
Conservation Agriculture Journal Articles	Author	Lampurlanés, J.
🛅 Equipment	Abstract	Conservation tillage systems are being widely adopted in the Mediterranean
😂 Foreign Language CA Articles		region. A long-term field experiment was established in 1996 comparing three N
French CA Articles		fertilization levels (zero, 0 kg ha 1; medium, 60 kg ha 1; and high, 120 kg ha 1), under three tillinge systems (sconventional tillage, CT; minimum tillage, NT and no-tillage, NT) in a semiarid Mediterranean agroecosystem annually cropped with winter barley (Hordeum vulgare, L, cultivar Hispanic), to study the response of root prowth. During four consecutive growing seasons, from 2005 to 2009, root length density (RLD) and soll water content were evaluated. Penetration resistance (R2) and soll bud densitiv year only evaluated in the fourth and last year of this
Portugese CA Articles		
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🔄 Spanish CA Articles		experiment. In dry years, root growth was similar under NT and MT systems but
To Be Sorted		highly reduced under CT due to reduced water availability, which, in the surface 25 cm of soil was 7% and 18% lower than under MT and NT systems, respectively.
🗿 Trash		However, in a wet year (i.e., 2009), RLD was double under CT than under NT due
Acontion/Dis		to reduced soil strength. PR at 5 to 15 cm soil depth under NT was 1MPa greater than under MT or CT. Root growth was not affected by N fertilization, in contrast to the response of grain yield that showed a significant interaction between N fertilization and ullage system. In spite of moderate soil compaction, which may reduce root growth in wet years, long-term NT adoption does not reduce graIn yields for monoculture of barley under semiarid Mediterranean conditions.
Australia/Ne Bed Planting Brazil CA and Trees	Publication	Agron J.
CA area Canola Carbon Central Amer	Volume	103
Central Asia China Compaction Cover Crop	Issue	3
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ast Africa East Asia Economics Ecosystem Se	Date	2011
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Legumes Long-Term Maize Manual syste	Notes and	Note: Non-members
WEARCO MILUIE EASE MILUIE EAST/		(1).pdf (pdf, 1.0 MB) (Attachment Details) So join the group

[To join the CA Research Network, sign up with Zotero, search for the Cornell CA Group and push the red button under the group description OR contact ph14@cornell.edu]