



The Reference Manager and PDF Organizer
that has changed my life.

What is Mendeley?



- ❧ Desktop app for organizing research papers
- ❧ Entire library can be accessed on the web or a mobile app
- ❧ Works nicely with MS Word and open office (no Papers support yet ☹)
- ❧ Can also work as a front end for a BibTex database
- ❧ Good for reading and annotating PDFs
- ❧ Good for sharing with collaborators
- ❧ Cross-platform friendly (Mac, Win, Linux, iOS)
- ❧ 2 GB cloud backup (100 MB shared space)

What are the alternatives?



	\$ Cost \$	OS	Cloud [GB]
Mendeley	Free!	OSx/Win/Linux iOS	2.0
End Note	\$250	OSx/Win	5.0
Papers	\$80	OSx/Win iOS	[Dropbox]
RefWorks	\$100	OSx/Win/Linux	N/A
Zotero	Free!	Osx/Win/Linux iOS/Android	0.3
JabRef	Open Source	OSx/Wn/Linux	N/A

http://en.wikipedia.org/wiki/Comparison_of_reference_management_software
<http://www.mendeley.com/compare-mendeley/>

It's time to change the way we do research.

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"What [Mendeley] are up to is boldly innovative. The Mendeley team is attempting nothing less than changing the way scientists conduct and share their research."

The New York Times **BBC** **lifehacker** **ScienceBlog** **WIRED** **the guardian**

The Power of Crowdfunding: A Chat with Ethan Perlstein

We love hearing about crowd-funded research projects. As an academic community that aims to bring together researchers from around the world, we get excited about the grass-roots appeal of science funded by enthusiastic peers. This week, we invited scientist and crowdfunding star Ethan Perlstein to sit down with us for a chat. His work has been featured in *The Wall Street Journal*, *Nature*, and *Science*. Ethan told us all about choosing alternative career paths, his recent fundraising campaigns and the new Perlstein Lab. 1) What's your academic background?

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Posted on 7 March 2014 by Claire van den Broek

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Wrote an entire paper with #Mendeley this weekend making my switch from @papersapp official! #research
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My weekend review of Mendeley. It's going to stop my manuscript-writing procrastination. <http://t.co/SE3B6CIS7F> #science #organization
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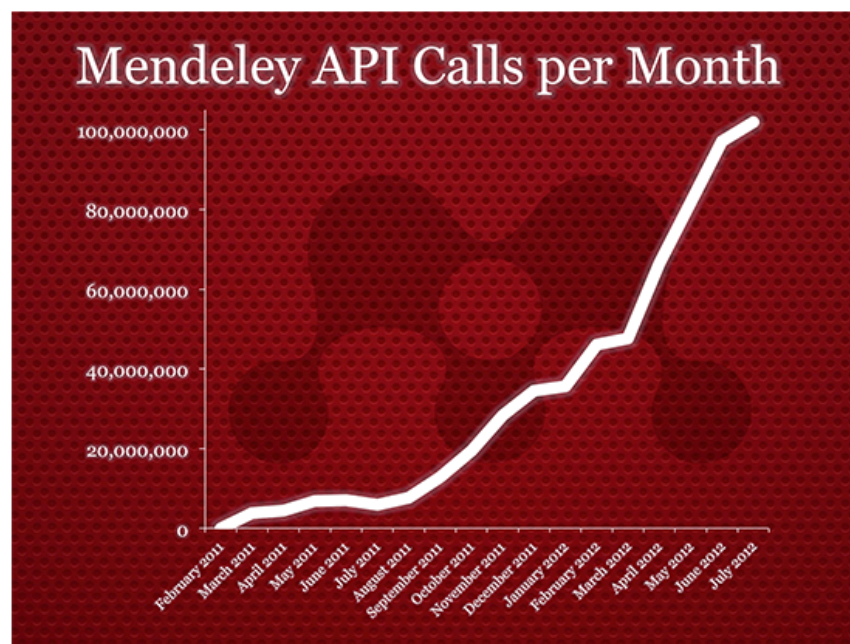
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How-to series: How to search your notes (and other fields) [part 10 of 12] »

22 August 2012 by Victor

➤ Mendeley handles 100 million calls for Open Science, per month

Imagine the rich ecosystem of third-party Facebook and Twitter apps, now emerging in the domain of science. More than 240 applications for research collaboration, measurement, visualization, semantic markup, and discovery – all of which have been developed in the past year – receive a constant flow of data from Mendeley. Today, Mendeley announced that the number of queries to its database (termed “API calls”) from those external applications had surpassed 100 million per month.



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R-based tools to facilitate Open Science; including R packages for Mendeley and PLoS.

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BioStor extracts article metadata from scanned archives on Mendeley.

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Science for the changing world (USGS) harvests citations for use in ScienceBase.

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Help Guides

Browse these fully packed guides to help you quickly get started with Mendeley.



Fantastic support site!

People are constantly submitting suggestions for improvement

Support forums are very helpful when using advanced features, like editing citation styles

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Targeted help articles

Video tutorials

Mendeley Desktop

50 ARTICLES VIEW ALL

- Installing and using the Word plugin in ...
- Author initials are added to my citation...
- I cannot connect to the Internet
- Adding new citation styles to Mendeley D...
- How do I distribute a CSL file to other ...

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- Export-Import with pdf links
- Document types
- Mendeley can't watch folder.
- Refworks to Mendeley
- reference/bibliography

Groups

12 ARTICLES VIEW ALL

- Unable to access files in group
- Can I change a public group to a private...
- What are groups on Mendeley?
- How can groups help me share and discove...
- How can I share documents on Mendeley?

RECENT Q&A VIEW ALL

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- become a member of a group
- Cannot invite third member to private gr...
- Member restrictions despite team plan?
- Why do my annotations on a group documen...

Mobile

1 ARTICLE VIEW ALL

- How do I add the Mendeley Web Importer t...

RECENT Q&A VIEW ALL

Mendeley

7 ARTICLES

- How do I
- The web i
- What bro
- I can't sig
- Unable to

RECENT

- Web Imp
- Mendeley
- My Public
- Privacy -
- Web imp

My Account

14 ARTICLES

- Can I del
- How do I
- How man
- How can
- What hap

RECENT

- I can't up
- My Librar
- subject s
- Mendeley
- cant login

General

9 ARTICLES

- What is M
- Communi
- Why sho

General

What can we do to help your research?

Here you can suggest and vote on improvements for future Mendeley releases.

If you have a suggestion regarding a specific part of Mendeley, please use the links on the right hand side of the window to add your suggestion to the corresponding area.

If you are looking for help using Mendeley or encounter any problems, please visit our [Support Forum](#)

I suggest you ...

Enter your idea (no bug reports please, use support.mendeley.com for those)

Hot Top New Desktop (1050) Status My feedback

3,535 votes

Allow printing of PDF papers within Mendeley Desktop

A simple "Print" menu under File would be good. Control-P doesn't even work now though.

Vote

199 comments · Desktop · Flag idea as inappropriate...

STARTED Mendeley (Admin, Mendeley) responded
It. Is. Coming...

3,074 votes

Allow file storage on any server.

I like the idea of syncing my library with a server, but find it undesirable to use Mendeley's. I understand that Mendeley is trying to run a business, but making your server side storage system more open really would encourage people like me to stick with your software. I don't like the idea of uploading my library to foreign servers.

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making it possible to highlight text with different colors (not only yellow)

Desktop Environment

The screenshot displays the Mendeley Desktop application window. The title bar reads "Mendeley Desktop". The interface is divided into several sections:

- Top Bar:** Contains icons for Documents, Folders, Related, and Sync, along with a search bar.
- Left Sidebar (MENDELEY):** Includes "Literature Search", "MY LIBRARY" (with sub-items like All Documents, Recently Added, Favorites, Needs Review, My Publications, Unsorted, Cumulus Parameterization, Entrainment, MJO, Create Folder...), "GROUPS" (with sub-item CSU_Maloney, Create Group...), and "TRASH" (with sub-item All Deleted Documents). A "Filter by Authors" dropdown is set to "All".
- Main Panel (Recently Added):** A table listing documents with columns for Authors, Title, Year, Published In, and Added. The selected document is "Tropical-extratropical interactions" by Roundy, Paul E., published in 2011.
- Right Panel (Details):** Shows a warning: "These details need reviewing. You can mark them as correct, or search by title on Google Scholar." Below this, it displays the document type as "Journal Article", the title "Tropical-extratropical interactions", and the author "P. Roundy". There is a button to "View research catalog entry for this paper". Other fields include Journal, Year (2011), Volume, Issue, Pages, Abstract, Tags, Author Keywords, URL (Add URL...), and Catalog IDs (ArXiv ID, DOI, PMID).
- Bottom Status Bar:** Shows "1 of 26 documents selected".

★	●	📄	Authors	Title	Year	Published In	Added
★	●	📄	Kang, In-Sik; Lee, ...	Potential predictability of summer mean precipitation in a dynamical seasonal pr...	2004	Journal of ...	Feb 26
★	●	📄	Benedict, James J. ...	Structure of the Madden-Julian Oscillation in the Superparameterized C...	2009	Journal of the Atmos...	Feb 26
★	●	📄	Neale, Richard B.; ...	The Impact of Convection on ENSO: From a Delayed Oscillator to a Series of Events	2008	Journal of Climate	Feb 26
★	●	📄	Pavan, V.; Doblas...	Multi-model seasonal hindcasts over the Euro-Atlantic: skill scores and dynamic ...	2000	Climate Dynamics	Feb 26
★	●	📄	Biasutti, M.; Sobe...	The Role of the Sahara Low in Summertime Sahel Rainfall Variability a...	2009	Journal of Climate	Feb 26
★	●	📄	Bretherton, Christ...	Interpretation of simple and cloud-resolving simulations of moist convecti...	2006	Theoretical and Comp...	Feb 28
★	●	📄	Randall, David a.; ...	Breaking the Cloud Parameterization Deadlock	2003	Bulletin of the Americ...	Feb 26
★	●	📄	Columbia, British	A Simple Multicloud Parameterization for Convectively Coupled Tropical Waves	2006		Mar 3
★	●	📄	Mapes, Brian; Tuli...	The mesoscale convection life cycle: Building block or prototype for large-s...	2006	Dynamics of Atmosphe...	Mar 3
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★	●	📄	Roundy, Paul E	Tropical-extratropical interactions	2011		Feb 26
★	●	📄	Zhu, Hongyan; He...	Convection in a Parameterized and Superparameterized Model and Its Role ...	2009	Journal of the Atmos...	Feb 26
★	●	📄	Hsieh, Jen-Shan; ...	A Study of the Energetics of African Easterly Waves Using a Regional Climat...	2007	Journal of the Atmos...	Feb 26
★	●	📄	Kiladis, George N...	A comparison of OLR and circulation based indices for tracking the MJO	2014	Monthly Weather Re...	Mar 8
★	●	📄	Tompkins, a. M.	The Impact of Dimensionality on Long-Term Cloud-Resolving Model Simulations	2000	Monthly Weather Re...	Mar 9
★	●	📄	Grabowski, Wojcie...	Cloud-resolving modeling of cloud systems during Phase III of GATE. Part I	1998	Journal of the	Mar 9

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Desktop Environment

The screenshot displays the Mendeley Desktop application window. The title bar reads "Mendeley Desktop". The interface is divided into several sections:

- Top Bar:** Contains icons for Documents, Folders, Related, and Sync, along with a search bar.
- Left Panel (Navigation):**
 - MENDELEY:** Literature Search
 - MY LIBRARY:** All Documents, Recently Added (selected), Favorites, Needs Review, My Publications, Unsorted, Cumulus Parameterization, Entrainment, MJO, Create Folder...
 - GROUPS:** CSU_Maloney, Create Group...
 - TRASH:** All Deleted Documents
- Filter by Authors:** A dropdown menu set to "All" with a list of author names including Agrawal, A., Andersen, Joseph Allan, Angeles, Los, Arakawa, Akio, Austin, Philip H., Benedict, James J., Biasutti, M., Blosssey, Peter N., Bretherton, Christopher S., Camargo, Suzana J., Ciesielski, Paul E., Columbia, British, Cook, Kerry H., Dawe, Jordan T., Dias, Juliana, Doblas-Reyes, F. J., Feddersen, Henrik, and others.
- Main List (Recently Added):** A table of documents with columns for star status, document icon, citation text, and a date indicator (e.g., 1w, 14d, 6d). The selected document is "Formatted Citation - American Meteorological Society - Walter Hannah".
- Right Panel (Details):**
 - Details / Notes:** A yellow warning banner states: "These details need reviewing. You can mark them as correct, or search by title on Google Scholar." Buttons for "Details are Correct" and "Search by Title" are present.
 - Type:** Journal Article
 - Tropical-extratropical interactions**
 - Authors:** P. Roundy
 - Journal:** [Empty field]
 - Year:** 2011
 - Volume:** [Empty field]
 - Issue:** [Empty field]
 - Pages:** [Empty field]
 - Abstract:** [Empty field]
 - Tags:** [Empty field]
 - Author Keywords:** [Empty field]
 - URL:** Add URL...
 - Catalog IDs:** ArXiv ID, DOI, PMID
- Bottom Status Bar:** "1 of 26 documents selected" and a warning icon with the text: "You are approaching your account limits. You only have 270 MB of Personal Web Space left. Please upgrade your account for more Personal Web Space."

Desktop Environment

DECEMBER 2011

DAWE AND AUSTIN

2909

The Influence of the Cloud Shell on Tracer Budget Measurements of LES Cloud Entrainment

JORDAN T. DAWE AND PHILIP H. AUSTIN

Department of Earth and Ocean Sciences, University of British Columbia, Vancouver, British Columbia, Canada

(Manuscript received 30 August 2010, in final form 20 July 2011)

ABSTRACT

Direct measurements of rates of entrainment into and detrainment from cumulus cloud cores obtained from LES model cloud fields produce values twice as large as those produced from tracer budget calculations. **This difference can be explained by two effects: the presence of a shell of air around the cloud cores** that is moister than the mean environment and air at the edge of the cloud core that is drier than the mean core, and the tendency for the mean tracer values of the entrained fluid to be greater than the mean tracer values of the cloud shell. Preferential entrainment of shell air that is moving upward faster than the mean shell creates strong vertical momentum fluxes into the cumulus cloud core, thereby making the assumption that cumulus cloud cores entrain fluid with zero vertical momentum incorrect. **Variability in the properties of the moist cloud shell has strong impacts on entrainment values inferred from tracer budget calculations.** These results indicate that the dynamics of the cloud shell should be included in parameterization of cumulus clouds used in general circulation models.

1. Introduction

The rate at which air is entrained into and detrained from cumulus clouds affects cloud properties, cloud-top

\mathbf{u} is the velocity of the air (m s^{-1}), \mathbf{u}_i is the velocity of the cloud surface (m s^{-1}), A is the area of the cloud (m^2), $\hat{\mathbf{n}}$ is a unit vector directed out the cloud surface, and the path integral is taken around the cloud surface at a con-

Type: Journal Article

The Influence of the Cloud Shell on Tracer Budget Measurements of LES Cloud Entrainment

Authors: J. Dawe, P. Austin

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Journal: *Journal of the Atmospheric Sciences*

Year: 2011

Volume: 68

Issue: 12

Pages: 2909-2920

Abstract:

Tags:

Author Keywords:

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Catalog IDs

ArXiv ID:

DOI: 10.1175/2011JAS3658.1

PMID:

Files:

Dawe_Austin_2011.pdf

Page 1 of 12

Microsoft Word Plugin

(This is amazing.)



- ☞ Allows you to quickly insert citations by searching through your library
- ☞ Writes the entire bibliography for you!!!
- ☞ Allows manual editing of citations within Word
(Smith et al. 2010) >> Smith et al. (2010)
- ☞ Stays up to date to keep track of all the citations you added or removed throughout the document

The screenshot shows a Microsoft Word window titled "Document1" with a search bar and various toolbars. The ribbon includes Home, Layout, Document Elements, Tables, Charts, SmartArt, and Review. The Font toolbar shows "Cambria (Body)" at size 12. The Paragraph toolbar includes bullet points, numbering, and indentation. The Styles pane shows "Chapter 1" as a Heading 1 style. The document content includes a citation toolbar at the top of the page, a chapter title, a section header, and a paragraph of text.

“” Insert or Edit Citation Undo Edit Merge Citations Insert Bibliography American Meteorologic... Refresh Export...

CHAPTER 1 DYNAMO Hindcast Experiments with SP-CAM

1.1 Introduction

The methods used to represent unresolved convection in a conventional climate model are some of the most uncertain and problematic components. The unresolved convective phenomena that need to be represented include deep and shallow cumulus convection, negatively buoyant downdrafts, neutrally buoyant stratiform cloud layers, and mesoscale convective systems; some of which are neglected completely for the sake of simplicity (Randall, Khairoutdinov, Arakawa, & Grabowski, 2003). Ideally, all these processes need to interact with one another, as well as radiation and microphysical processes. In order to address this overwhelming complexity in a practical manner, the MMF approach adopts the spirit of conventional parameterizations by assuming a scale separation between convective and large-scale processes (Grabowski, 2001; M. F. Khairoutdinov, Randall, & DeMott, 2005; M. Khairoutdinov & Randall, 2001), and is therefore often referred to as a “convection resolving cloud parameterization” (CRCP).

Print Layout View Sec 1 Pages: 1 of 1 Words: 30 of 151 140%

Document1

Search in Document

Home Layout Document Elements Tables Charts SmartArt Review

Font Paragraph Styles

Cambria (Body) 12 A A Aa B I U ABC A2 A2 ABC A

AaBbCcDdEe AaBbCcDdEe Chapter 1 AaBbCcDd AaBbCcDdEe

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Insert Themes

Text Box Shape Picture Themes

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CHAPTER 1 DYNAMO Hindcast Experiments with SP-CAM

1.1 Introduction

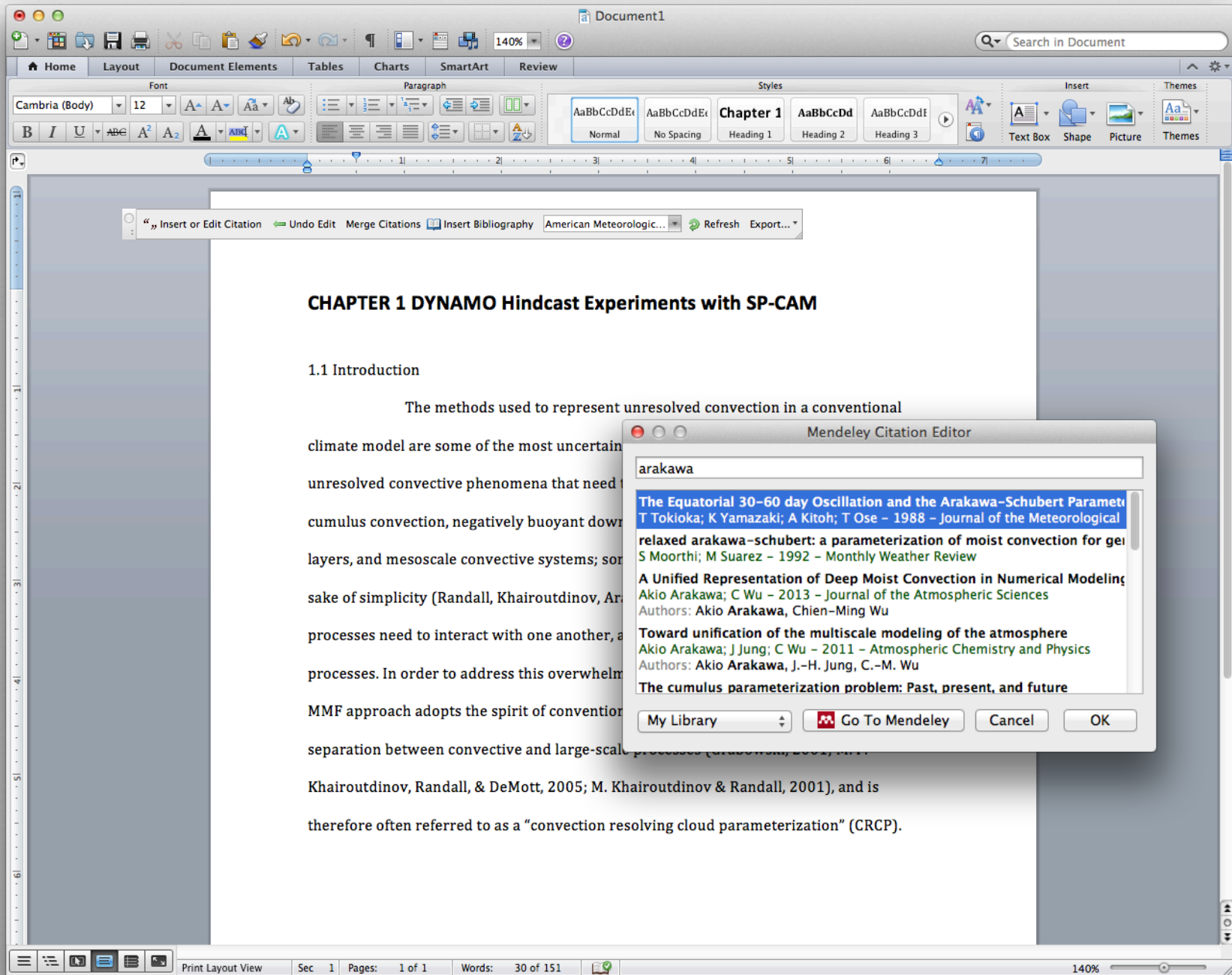
The methods used to represent unresolved convection in a conventional climate model are some of the most uncertain unresolved convective phenomena that need to be resolved. Cumulus convection, negatively buoyant downdrafts, layers, and mesoscale convective systems; some of which are neglected completely for the sake of simplicity (Randall, Khairoutdinov, Arakawa, & Grabowski, 2003). Ideally, all these processes need to interact with one another, as well as radiation and microphysical processes. In order to address this overwhelming complexity in a practical manner, the MMF approach adopts the spirit of conventional parameterizations by assuming a scale separation between convective and large-scale processes (Grabowski, 2001; M. F. Khairoutdinov, Randall, & DeMott, 2005; M. Khairoutdinov & Randall, 2001), and is therefore often referred to as a "convection resolving cloud parameterization" (CRCP).

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CHAPTER 1 DYNAMO Hindcast Experiments with SP-CAM

1.1 Introduction

The methods used to represent unresolved convection in a conventional climate model are some of the most uncertain a... unresolved convective phenomena that need to... cumulus convection, negatively buoyant down... layers, and mesoscale convective systems; som... sake of simplicity (Randall, Khairoutdinov, Ara... processes need to interact with one another, as... processes. In order to address this overwhelmi... MMF approach adopts the spirit of conventiona... separation between convective and large-scale... Khairoutdinov, Randall, & DeMott, 2005; M. Khairoutdinov & Randall, 2001), and is therefore often referred to as a "convection resolving cloud parameterization" (CRCP).

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arakawa 2004

The cumulus parameterization problem: Past, present, and future
Akio Arakawa - 2004 - Journal of Climate
Authors: Akio Arakawa
URL: ...abs/10.1175/1520-0442(2004)0172.0.CO;2

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CHAPTER 1 DYNAMO Hindcast Experiments with SP-CAM

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Randall, D. a., M. Khairoutdinov, A. Arakawa, and W. Grabowski, 2003: Breaking the Cloud

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Groups



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Groups

In this catalog: **96,039** public groups

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eg: Social networks

Search groups in your area of interest, share papers and start collaborating either publicly or privately.

My groups

Groups I own or can administer



CSU_Maloney

Group settings

2 papers · 2 members

Browse disciplines

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- Astronomy / Astrophysics / Space Science
- Biological Sciences
- Business Administration
- Chemistry
- Computer and Information Science
- Design
- Earth Sciences
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- Electrical and Electronic Engineering
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Like · Comment · 29th January



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Like · Comment · 21st October, 2013



Created by **You**

Like · Comment · 18th October, 2013

About this group



Owned by **Walter Hannah**
Ph.D. Student

Earth Sciences

2 members



Earth Sciences

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Dashboard My Library Papers **Groups** People

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CSU_Maloney

In this group: 2 papers · 2/3 members

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Mendeley Earth Sciences Groups

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Members

Settings

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Categorize this group

Assign tags and academic disciplines to this group

Membership

This is a Private Group

Web Space usage



12 MB / 100 MB Shared Web Space

Restricted groups that you own

Web Space

Members

CSU_Maloney	12 MB	2 / 3
Other restricted groups	0 MB	N/A

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Modifying a Citation Style

Citations are defined using
CSL: Citation Style Language

Mendeley provides a dedicated
website for editing citation
styles (csl.mendeley.com)

Here you can edit the code
directly, or use a visual editor

The screenshot displays the Mendeley CSL Code Editor interface. At the top, there is a navigation bar with links for 'About', 'Search by name', 'Search by example', 'Visual editor', 'Code editor' (which is active), and 'Welcome Walter Hannah'. Below the navigation bar, the page is divided into two main sections: 'FORMATTED INLINE CITATIONS' and 'FORMATTED BIBLIOGRAPHY'. The 'FORMATTED INLINE CITATIONS' section shows two examples: '(McInnis and Nelson 2011)' and '(Mares 2001)'. The 'FORMATTED BIBLIOGRAPHY' section shows two entries: 'Mares, I., 2001: Firms and the Welfare State: When, Why, and How Does Social Policy Matter to Employers? *Varieties of Capitalism. The Institutional Foundations of Com* University Press, New York, 184-213.' and 'McInnis, M. D., and L. P. Nelson, 2011: *Shaping the Body Politic: Art and Political Formation in Early America*. University of Virginia Press, 313 pp.'

Below the formatted citations, the XML code for the citation style is displayed. The code is as follows:

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <style xmlns="http://purl.org/net/xbiblio/csl" class="in-text" version="1.0" demote-non-dropping-particle="sort-only" pag
3 <info>
4   <title>American Meteorological Society - Walter Hannah</title>
5   <title-short>AMS</title-short>
6   <id>http://csl.mendeley.com/styles/25736431/american-meteorological-society</id>
7   <link href="http://www.zotero.org/styles/american-meteorological-society" rel="self"/>
8   <link href="http://www.zotero.org/styles/cold-spring-harbor-laboratory-press" rel="template"/>
9   <link href="http://www.ametsoc.org/pubs/journals/author_reference_guide.pdf" rel="documentation"/>
10  <author>
11    <name>Carl J. Schreck, III</name>
12    <email>carl.schreck@gmail.com</email>
13  </author>
14  <contributor>
15    <name>Walter Hannah</name>
16    <uri>http://www.mendeley.com/profiles/walter-hannah/</uri>
17  </contributor>
18  <contributor>
19    <name>Rintze Zelle</name>
20    <uri>http://twitter.com/rintzezelle</uri>
21  </contributor>
22  <category citation-format="author-date"/>
23  <category field="geography"/>
24  <summary>A style for all journals by the American Meteorological Society</summary>
25  <updated>2014-03-10T17:36:55+00:00</updated>
26  <rights license="http://creativecommons.org/licenses/by-sa/3.0/">This work is licensed under a Creative Commons Attri
27 </info>
28 <locale xml:lang="en">
29   <terms>
30     <term name="page" form="short">
31       <single>p.</single>
32       <multiple/>
33     </term>
34     <term name="and others">and Coauthors</term>
35   </terms>
36 </locale>
37 <macro name="editor">
38   <names variable="editor">
39     <name and="text" delimiter=", " initialize-with=".">
40       <name-part name="family" text-case="capitalize-first"/>
41       <name-part name="given" text-case="capitalize-first"/>
42     </name>
43     <label form="short" text-case="capitalize-first" prefix="," />
44   </names>
45 </macro>
46 <macro name="series-editor"> .. ..
```

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Here you can edit the code
directly, or use a visual editor

The screenshot shows the Mendeley citation style editor interface. At the top, there is a navigation bar with options: About, Search by name, Search by example, Visual editor (selected), Code editor, and Welcome Walter Hannah. Below this is a sub-header for the current style: American Meteorological Society - Walter Hannah. The left sidebar contains a navigation menu with sections: STYLE INFO (Info, Global Formatting Options), INLINE CITATIONS (Layout), BIBLIOGRAPHY (Layout, Sort), MACROS (Macro: editor, Macro: series-editor, Macro: author, Macro: author-count, Macro: author-short, Macro: access, Macro: title, Macro: publisher, Macro: year-date, Macro: day-month, Macro: page, Macro: edition), and ADVANCED (Global Formatting Options). The main content area is divided into two columns. The left column shows 'EXAMPLE CITATIONS' with '(McInnis and Nelson 2011)' and '(Mares 2001)', and 'EXAMPLE BIBLIOGRAPHY' with two entries: 'Mares, I., 2001: Firms and the Welfare State: When, Why, and How Does Social Policy Matter to Employers? *Varieties of Capitalism*, P.A. Hall and D. Soskice, Eds., Oxford University Press, New York, 184-213.' and 'McInnis, M. D., and L. P. Nelson, 2011: *Shaping the Body Politic: Art and Political Formation in Early America*. University of Virginia Press, Charlottesville, VA, 1-10.' The right column is titled 'Info' and contains a form with the following fields: Title (American Meteorological Society - Walter Hannah), Title (short) (AMS), ID (http://cs1.mendeley.com/styles/25736431/american-meteorological-soci), Summary (A style for all journals by the American Meteorological Society), Rights (This work is licensed under a Creative Commons Attribution-ShareAlike 3.0 license), Published, ISSN, and eISSN. Below the form is an 'Add ISSN' button. At the bottom, there is a 'Links' section with a table of links:

href	rel	xml:lang	
http://www.zotero.or	self		Delete
http://www.zotero.or	template		Delete
http://www.ametsoc.c	documentation		Delete

There is also an 'Add Link' button at the bottom of the links section.

Some Caveats



- ❧ Some things are not straightforward to cite (like a book chapter or a dissertation)
- ❧ Information for older papers (before 2000) often needs to be edited manually to ensure accuracy
- ❧ Searching for all papers by a single author is weird