National Academy of Sciences Staff Information Session - Wikipedia

January 10, 2020

Presented by Wikimedia DC

Greetings from Wikimedia DC!

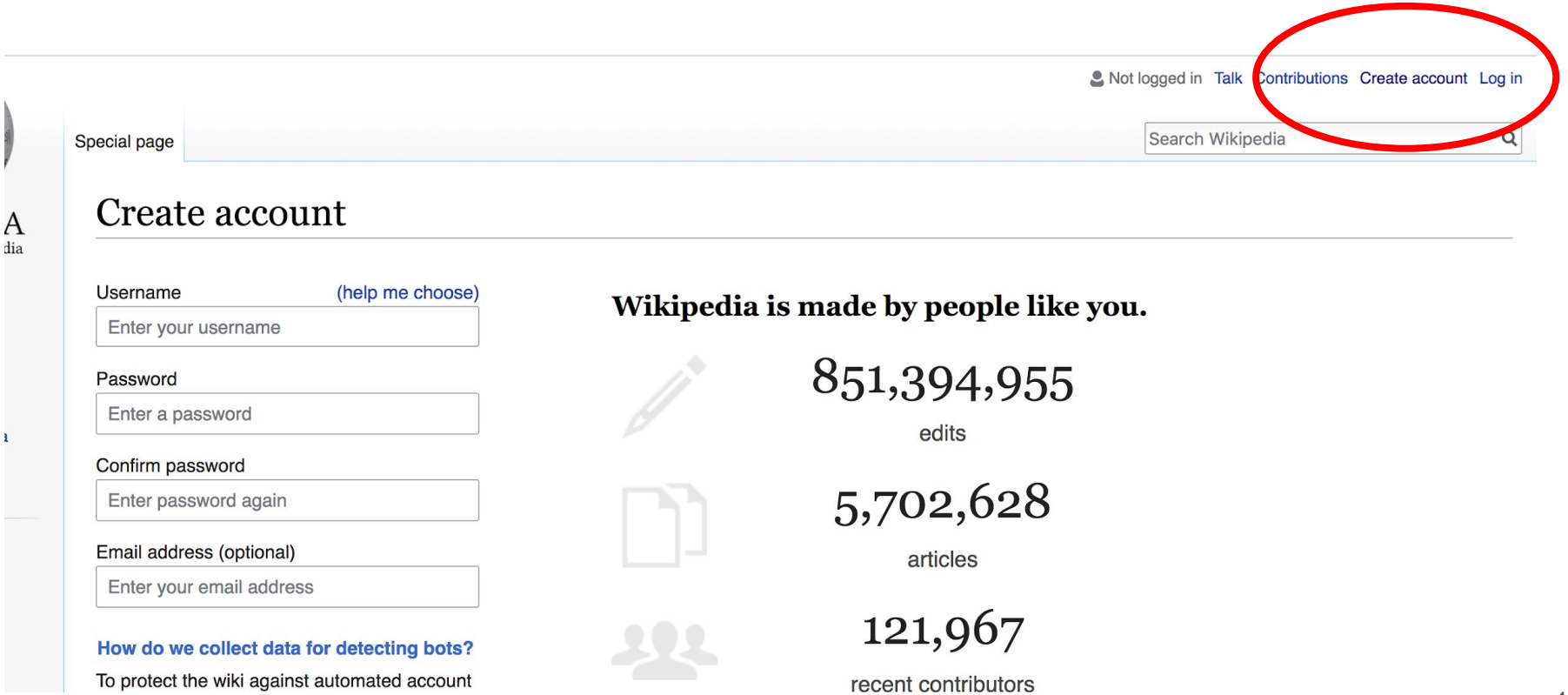
Wikimedia DC is the regional outreach organization for Wikipedia and the other projects of the Wikimedia Foundation. Our mission is to promote participation in Wikimedia projects in Washington, DC, Maryland, Virginia, West Virginia, Delaware and throughout the United States.

More about the Wikimedia Affiliates Model

Housekeeping

Wifi, wiki event page, username creation

Create A Username/Sign-in: en.wikipedia.org



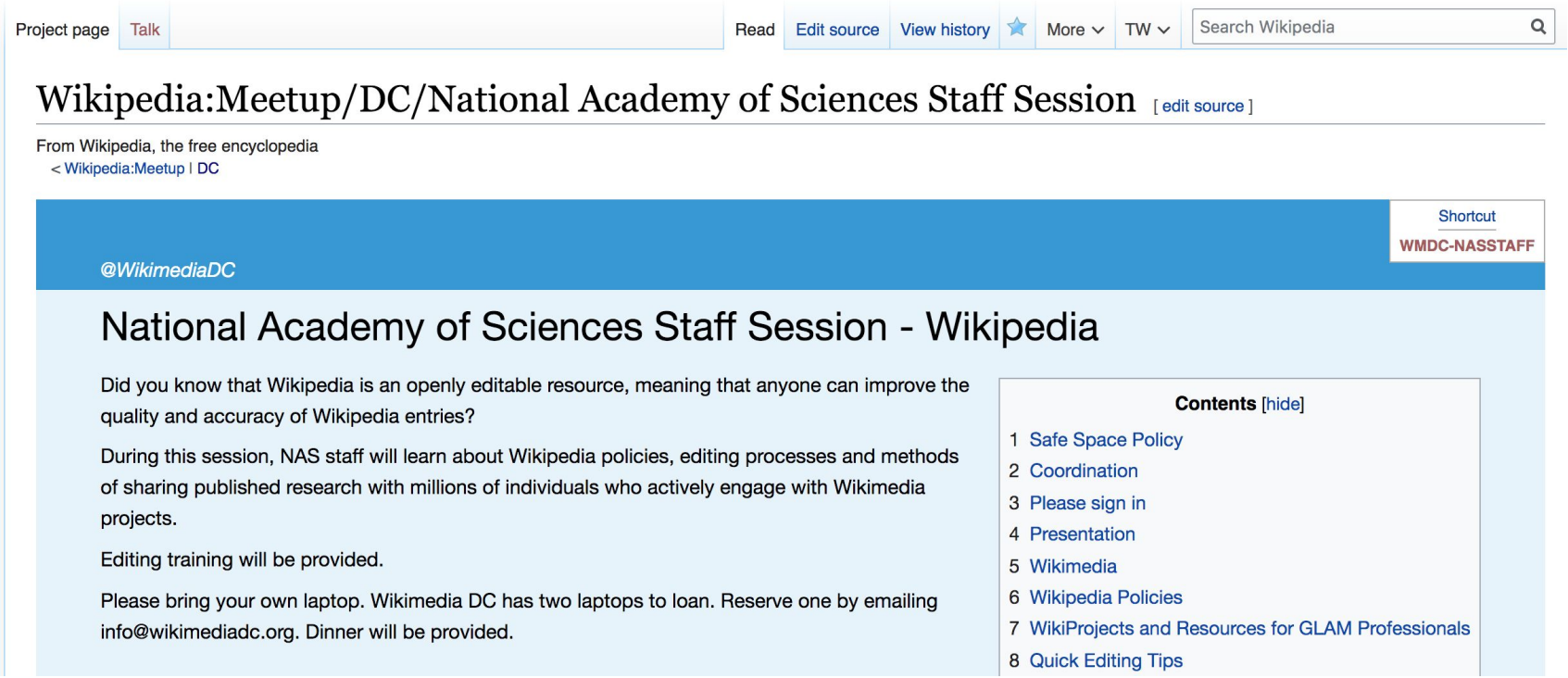
Navigate to the wiki event page

1. Go to en.wikipedia.org
2. Enter the following shortcut into the search bar (top right).

WMDC-NASSTAFF

3. Bookmark this page. We will use it throughout the day.

Wiki Event Page



Wikipedia

What exactly is it, anyway???

What is Wikipedia?

Wikipedia is a multilingual, web-based, free encyclopedia based on a model of openly editable content. It is the largest and most popular general reference work on the Internet. [Wikipedia] is supported by the Wikimedia Foundation, a non-profit organization which operates on money it receives from donors.

From Wikipedia (en)

Wikipedia: the 21st-century encyclopedia

“Imagine a world in which every single person on the planet is given free access to the sum of all human knowledge. That's what we're doing.”

-Jimmy Wales, co-founder, Wikipedia

About us

Free as in beer, Free as in freedom ... gratis et libre

Created and edited by volunteers

Overseen by nonprofit Wikimedia Foundation

All edits and versions recorded forever (revision history)

5+ million articles, 270+ languages

75k active editors/month, 11k very active editors/month

Free...

All content freely licensed without restrictions

Creative Commons Attribution Sharealike or Public Domain

Written content or image/video/audio uploads

Wikimedia Commons - multimedia repository commons.wikimedia.org

Commercial re-use is absolutely allowed. Google, publishers...

Wikipedia Basics and Policies

Photo: Georgetown Slavery Archive Editing Workshop
Georgetown University

Source: Wikimedia Commons

Wikis

- A website where anyone can edit any page at any time
- Meant to be "quick"
- Remembers all versions (nothing ever destroyed)
- Hyperlinks between pages

Wikipedia Five Pillars

- Wikipedia is an encyclopedia
- Wikipedia is written from a neutral point of view
- Wikipedia is free content that anyone can use, edit, and distribute
- Wikipedia's editors should treat each other with respect and civility
- Wikipedia has no firm rules

Wikipedia Policies

- **Neutral Point of View** - written so all sides can agree
- **Notability** - significant independent sources -> importance
- **Verifiability** - Using reliable sources to reference information
- **No original research** - point to existing scholarship
- **Assume good faith** - start with congenial spirit
- **Conflicts of interest** - disclose and abide by terms of service

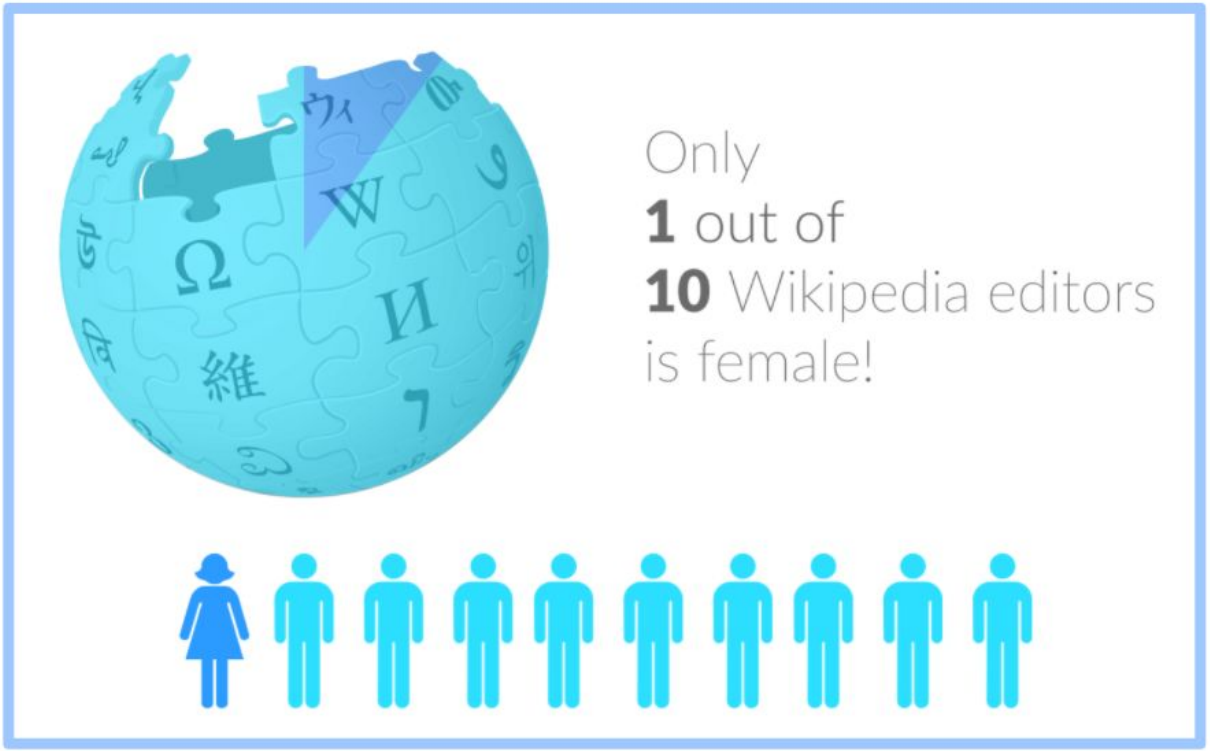
Additional policies: Wikipedia:List of policies

Wikipedia's Gender Gap

Photo: Art and Feminism Wikipedia-Edit-A-Thon
National Museum of Women in the Arts

Source: Wikimedia Commons

Editor gender gap? Unsilence the silent



Content gender gap? Make the invisible visible

Percentage of women's biographies

November 2014	September 2019
15%	18.01%
English language Wikipedia	English language Wikipedia

How Can We Fix This?

- **Engagement through edit-a-thons, training opportunities and Wikiprojects like Women in Red.**

  Example: NMWA event featured the the BBC

- **Partnerships with nonprofits*, colleges/universities, government entities and beyond**

***75% of nonprofit employees are female.**
These nonprofits include educational, scientific and literary organizations. It's time to engage these 'gatekeepers'.

*Source The White House Project's 2009 report, ***Benchmarking Women's Leadership***,

Wikipedia Engagement

Photo: Art and Feminism Wikipedia-Edit-A-Thon
Smithsonian American Art Museum

Source: Wikimedia Commons

How to Engage As An Individual

- Edit and create Wikipedia articles at your own pace
- Attend editing events
- Contribute to a wikiproject

How to Engage As An Organization

- Host editing events: edit-a-thons, editing workshops, scan-a-thons, upload-a-thons, behind the scenes tours
    - Hire a Wikipedian-in-Residence
- Assist WIR or volunteers in accessing your collections
    - Contribute to a wikiproject

Why Engage with Wikipedia

- Mission fulfillment (education, community engagement, etc.)
- Share research, resources, and publications with the world
- Drive millions of WP page views per day
- Measure impact by monitoring article views

*Be mindful of the Conflict of Interest Policy

Wikipedia Edit-a-thon

- A scheduled time where people edit Wikipedia together, whether offline, online, or a mix of both

- Typically focused on a specific topic, such as science or women's history

- A way to give newcomers an insight into how Wikipedia works.

Wikipedians-in-Residence

- Wikipedians who dedicate time to working in-house at an organization
  - Paid staff or volunteers
- Work to lay the foundation for a lasting partnership between the Wikipedia community and an organization

WIR Core Characteristics

A Wikipedian-in-Residence:

- Serves as a liaison between the organization and the Wikimedia community to promote a mutually beneficial cooperation.
- Promotes understanding of Wikimedia among staff through workshops/events.

WIR Core Characteristics

- Works with organizational staff to digitize, compile, and organize resources to be shared with the Wikipedia community.
- Facilitates the improvement of content by the Wikipedia community, rather than directly editing articles as a core goal.

WIR Core Characteristics

- Coordinates events, such as Scan-a-Thons, Edit-a-Thons, or Backstage Passes, that bring Wikipedians on-site to work with staff on content creation and improvement.
- Formally coordinated by the institution for closer relationship with staff

More about the WIR Program

Link is also provided on the WP:WMDC-VAM19 Event Page.

Wikiprojects

A WikiProject, or Wikiproject, is the organization of a group of participants in a wiki established in order to achieve specific editing goals, or to achieve goals relating to a specific field of knowledge

Examples

- Wikipedia:WikiProject Science
- Wikiproject Medicine
- Wikipedia:WikiProject Biography/Science and academia

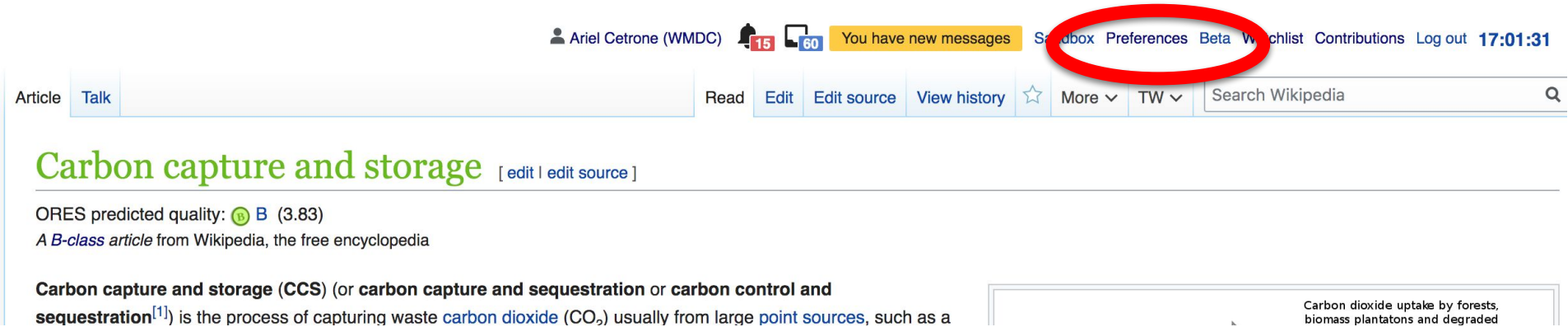
Set Preferences

Photo: Vietnam-Era US Coast Guard Records Editing Workshop
National Archives

Source: Wikimedia Commons

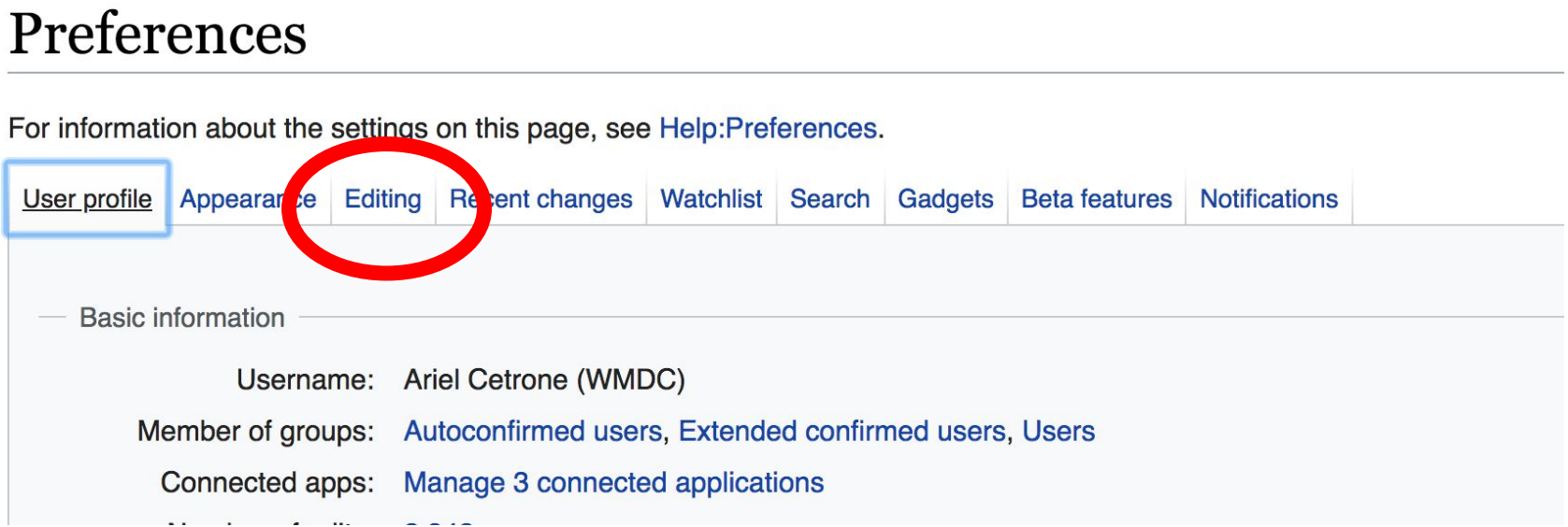
Set Editing Preferences: Activate Visual Editor

1. Open the Wiki event page or any Wikipedia article
2. Select 'Preferences' (Top right of the page)



Set Editing Preferences: Activate Visual Editor

3. Select the 'Editing' tab

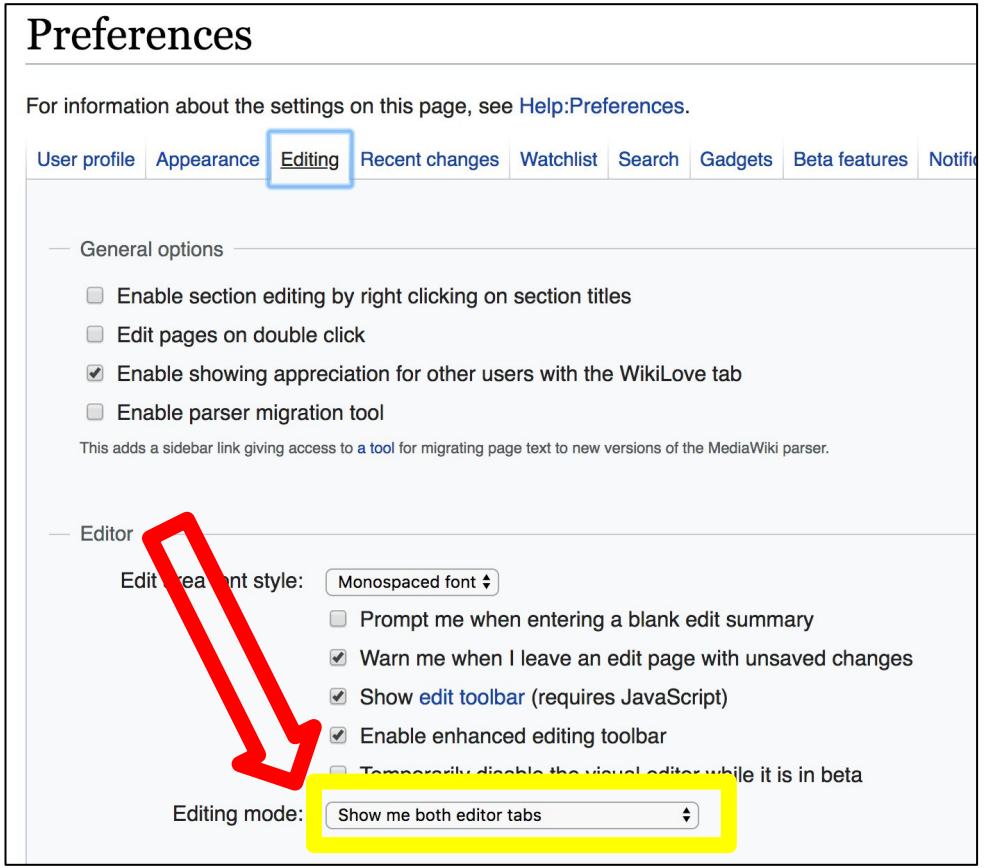


Set Editing Preferences: Editor Type

4. Scroll down to 'Editor'

5. Select 'Show me Both Editor Tabs' from the 'Editing Mode' dropdown menu

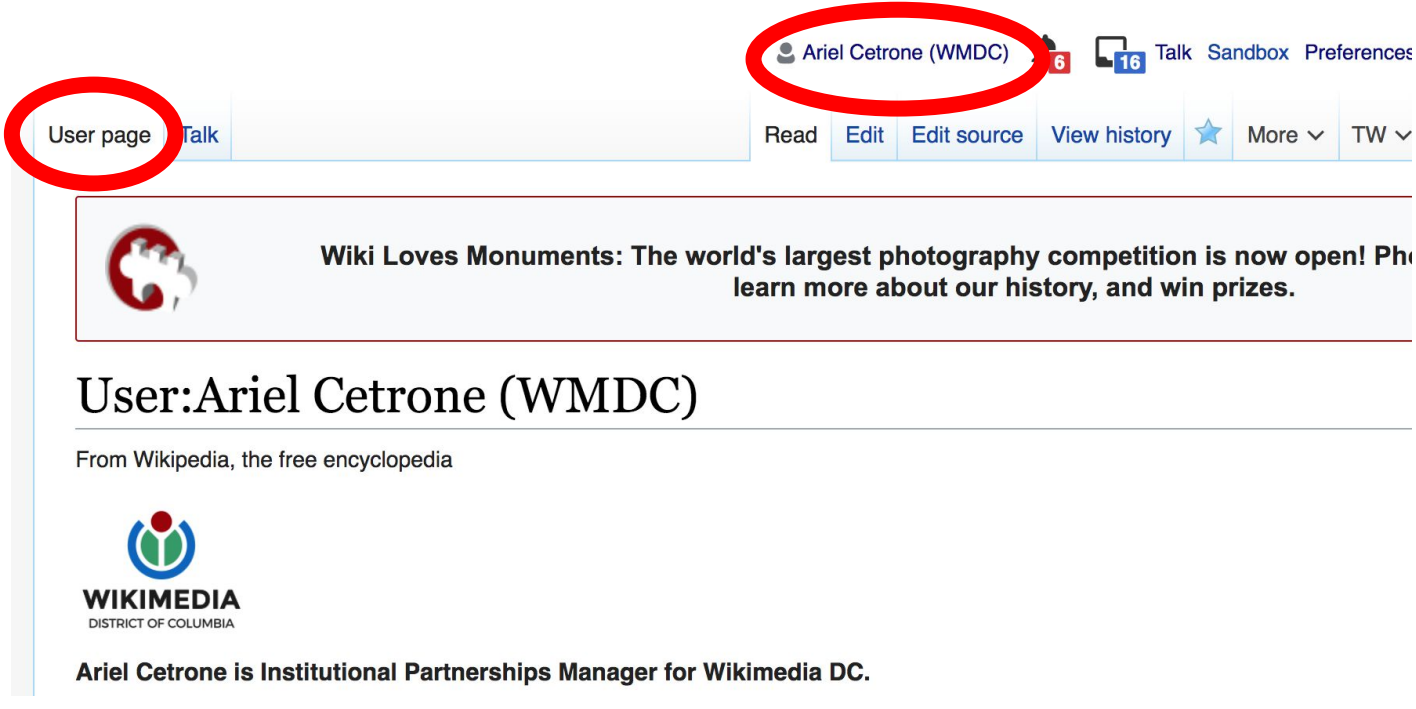
6. Save (Bottom left)



User Page

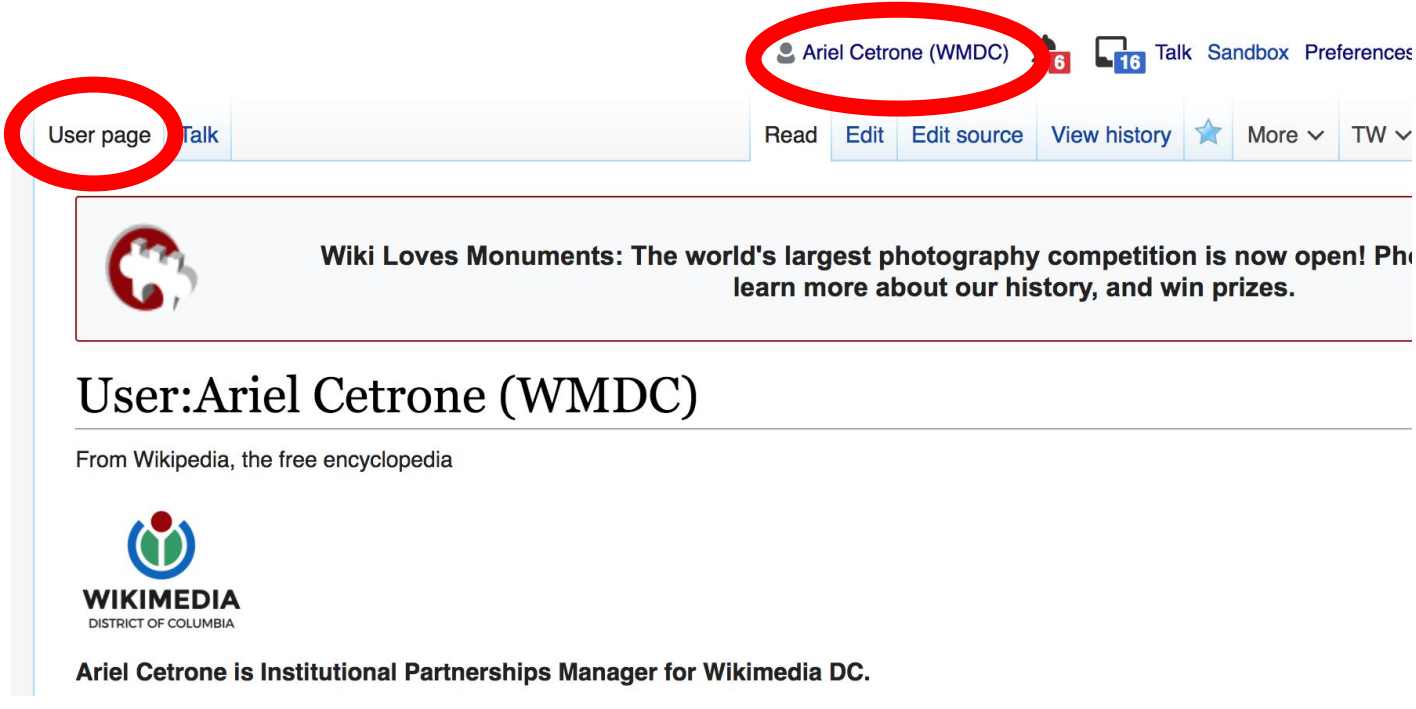
User Page

- All users/editors are assigned a user page
- Access user page by selecting your username (top right)



User Page

- **Opportunity to share information and interests**
- **Use is optional**



Talk Page

- Receive messages
- Communicate with other users

Tabs/Article Anatomy

Photo: Hispanic Heritage Month Edit-a-thon
National Archives

Source: Wikimedia Commons

Sample Article

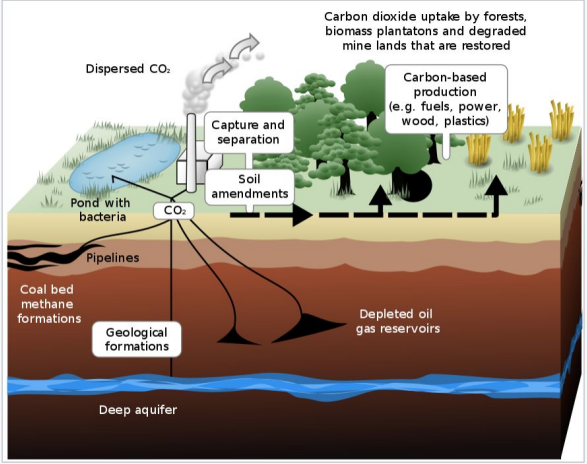
Article Talk | Read Edit Edit source View history More TW | Search Wikipedia

Carbon capture and storage [edit | edit source]

ORES predicted quality: B (3.83)
A B-class article from Wikipedia, the free encyclopedia

Carbon capture and storage (**CCS**) (or **carbon capture and sequestration** or **carbon control and sequestration**[1]) is the process of capturing waste carbon dioxide (CO_2) usually from large point sources, such as a cement factory or biomass power plant, transporting it to a storage site, and depositing it where it will not enter the atmosphere, normally an underground geological formation. The aim is to prevent the release of large quantities of CO_2 into the atmosphere from heavy industry. It is a potential means of mitigating the contribution to global warming and ocean acidification[2] of carbon dioxide emissions from industry and heating.[3] Although CO_2 has been injected into geological formations for several decades for various purposes, including enhanced oil recovery, the long term storage of CO_2 is a relatively new concept. Direct air capture is a type of CCS which scrubs CO_2 from ambient air rather than a point source.

Carbon dioxide can be captured out of air, industrial source or power plant flue gas using a variety of technologies, including absorption, adsorption, chemical looping, or membrane gas separation technologies.[4] Amines are used as solvents in the leading carbon scrubbing technology.[5] CCS applied to a modern conventional power plant could reduce CO_2 emissions to the atmosphere by approximately 80–90% compared to a plant without CCS.[6] If used on a power plant capturing and compressing CO_2 and other system costs are estimated to increase the cost per watt-hour energy produced by 21–91% for fossil fuel power plants;[6] and applying the technology to existing plants would be more expensive, especially if they are far from a sequestration site. As of 2019 there are 17 operating CCS projects in the world, capturing 31.5Mt of CO_2 per year, of which 3.7 is stored geologically.[7] Most are industrial not power plants.[8]

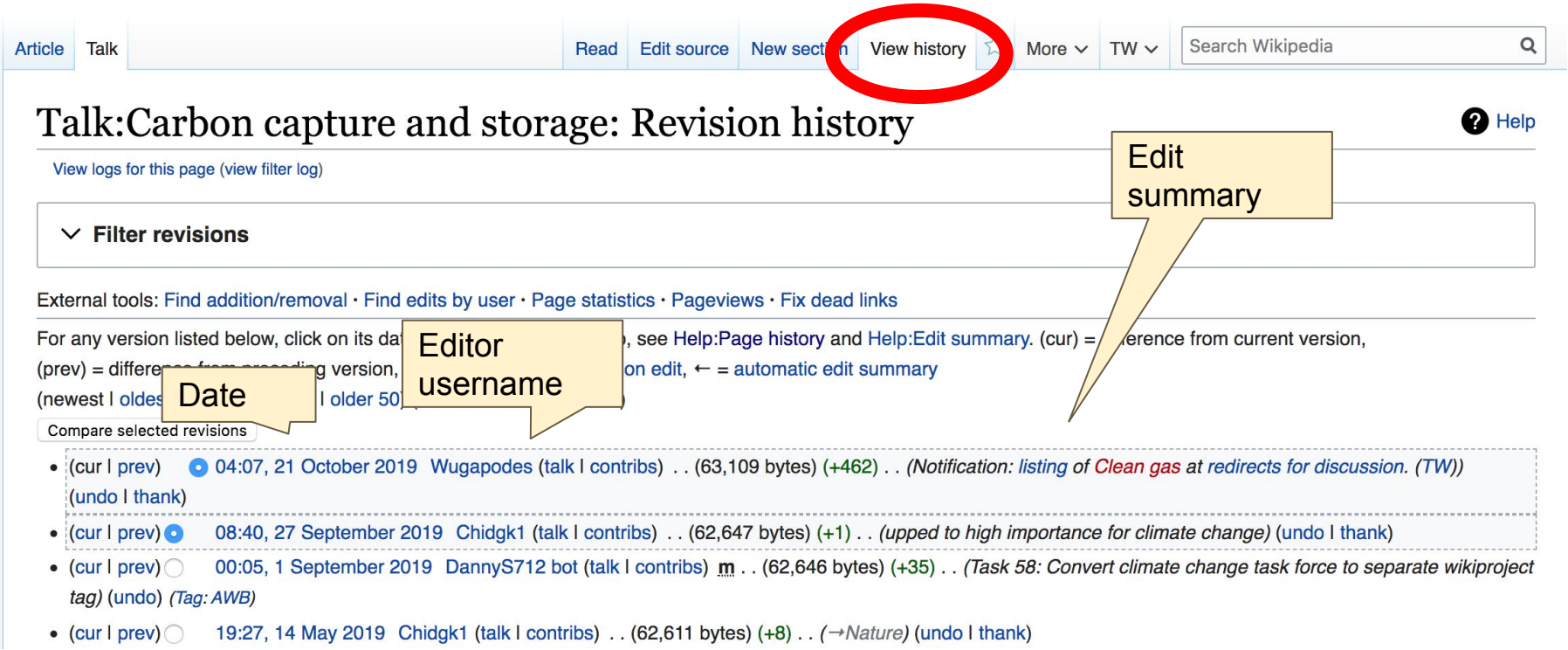


Schematic showing both terrestrial and geological sequestration of carbon dioxide emissions from a biomass or fossil fuel power station

It is possible for CCS, when combined with biomass, to result in net negative emissions.[9] A trial of bio-energy with carbon capture and storage (BECCS) at a wood-fired unit in Drax power station in the UK started in 2019: if successful this could remove a tiny amount of CO_2 from the atmosphere.[10]

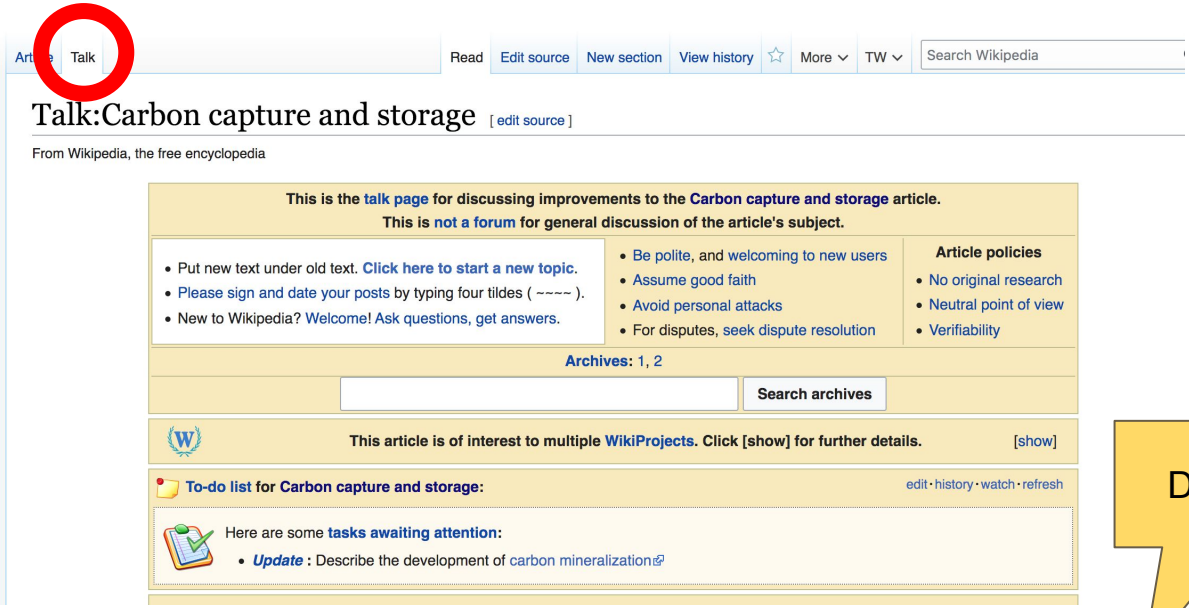
Storage of the CO_2 is envisaged either in deep geological formations, or in the form of mineral carbonates. And pyrogenic carbon capture and storage (PyCCS) is being researched.[11] Deep

Exploring Tabs: Article history



Exploring Tabs: Talk Page

- Discuss the article with other editors
- Use is optional



Discussion

Sections: Lead Paragraphs, Info boxes

Ariel Cetrone (WMDC) 15 60 You have new messages Sandbox Preferences Beta Watchlist Contributions Log out 17:01:31

Article Talk Read Edit Edit source View history More TW Search Wikipedia

Carbon capture and storage [edit | edit sour

Lead paragraphs

Main photo or Infobox placement

ORES predicted quality: B (3.83)
A B-class article from Wikipedia, the free encyclopedia

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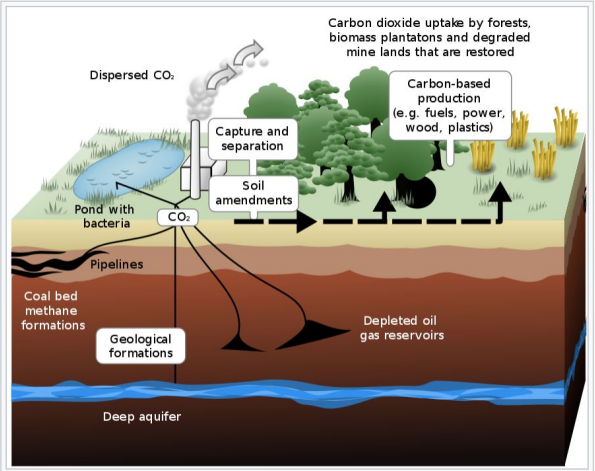

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Sections: References

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Inline citations

3. ^ a b *The U... ...deployment pathway* (PDF). BEIS. 2018.
4. ^ B... ...on A, Brown S, Fennell PS, Fuss S, Galindo... ...and storage (CCS): the way forward. Energy & E... ...ental Science. 2018;11(5):1062-176.
87. ^ a b c d e "Large-scale CCS facilities | Global Carbon Capture and Storage Institute". *www.globalccsinstitute.com*. Retrieved 2018-11-22.
88. ^ "Project Details". 2011-07-21. Archived from the original on 2011-07-21. Retrieved 2018-11-22.
89. ^ "Around the world in 22 carbon capture projects | Carbon Brief". *Carbon Brief*. 2014-

Additional Sections

Further reading [edit | edit source]

- Hester, Ronald E; R[illegible]. Harrison (2009). *Carbon capture: sequestration and storage* (Issues in environmental science and technology, 29. ed.). Royal Society of Chemistry. ISBN [illegible]-84755-917-3.
- Shackley, Simon; Clair Gough (2006). *Carbon capture and its storage: an integrated assessment*. Ashgate. ISBN 978-0-7546-4499-6.
- Wilson, Elizabeth J; David Gerard (2007). *Carbon capture and sequestration : integrating technology, monitoring and regulation*. Blackwell Publishing. ISBN 978-0-8138-0207-7.
- Metz, Bert (2005). *IPCC special report on carbon dioxide capture and storage*. Intergovernmental Panel on Climate Change. Working Group III (Cambridge University Press). ISBN 978-0-521-86643-9.

External links [edit | edit source]

- DOE Fossil Energy: Department of Energy programs in carbon dioxide capture and storage.
- 2007 NETL Carbon Sequestration Atlas
- Scientific Facts on CO_2 Capture and Storage, a peer-reviewed summary of the IPCC Special Report on CCS.
- Carbon Capture: A Technology Assessment Congressional Research Service
- Carbon Sequestration News Recent news articles on CO_2 capture and storage.

Wikimedia Commons has media related to *Carbon capture and storage*.

Authority control GND: 7628985-0 · LCCN: sh2007000915

Categories (+): Carbon capture and sequestration (–) (±) | Bright green environmentalism (–) (±) | Climate forcing (–) (±) | Gas technologies (–) (±) | (+)

Editing Existing Articles

Photo: Catergory: Wikimedia DC meetups

Source: Wikimedia Commons

We will review...

Editing/adding text

Adding citations

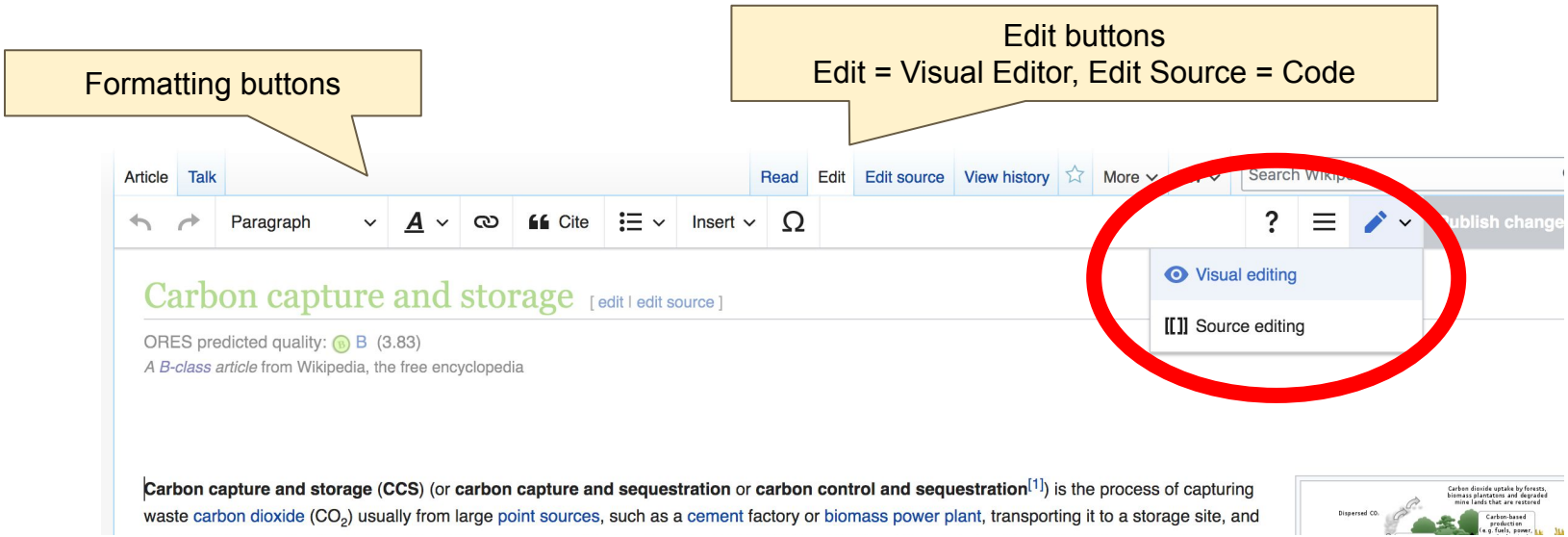
Creating hyperlinks

Adding Sections

Adding photos

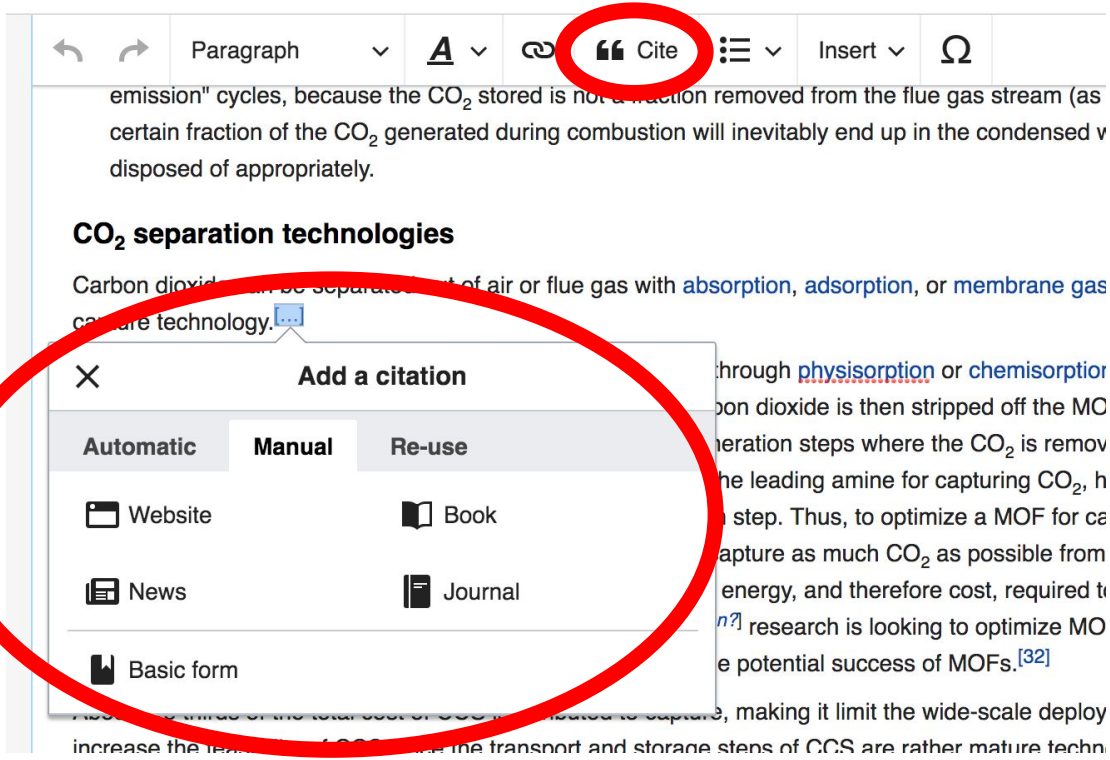
Editing w/ Visual Editor

1. Locate an article
2. Select 'Edit'
3. Unsure if you are in Visual Editor? Select the Pencil (red arrow), select 'Visual editing'
4. Edit as you would in a word processor



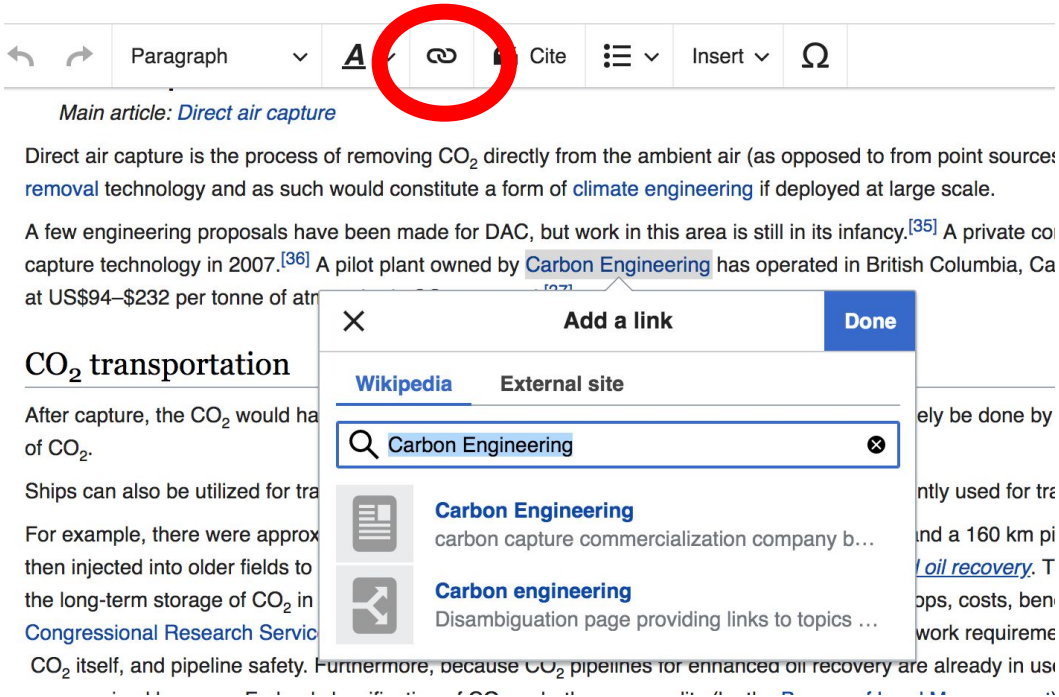
Cite your sources

1. Place cursor in desired location, select ‘Cite’
2. Follow prompts



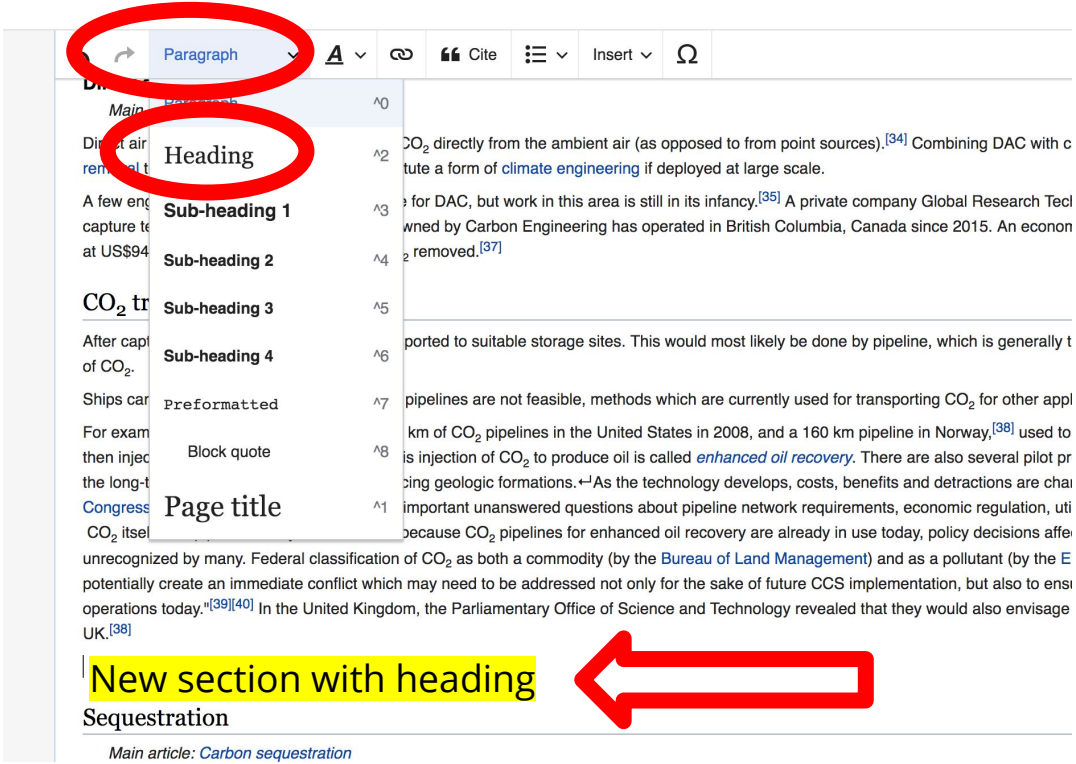
Create links between articles

1. Select text
2. Select link icon
3. Select article and ‘Done’

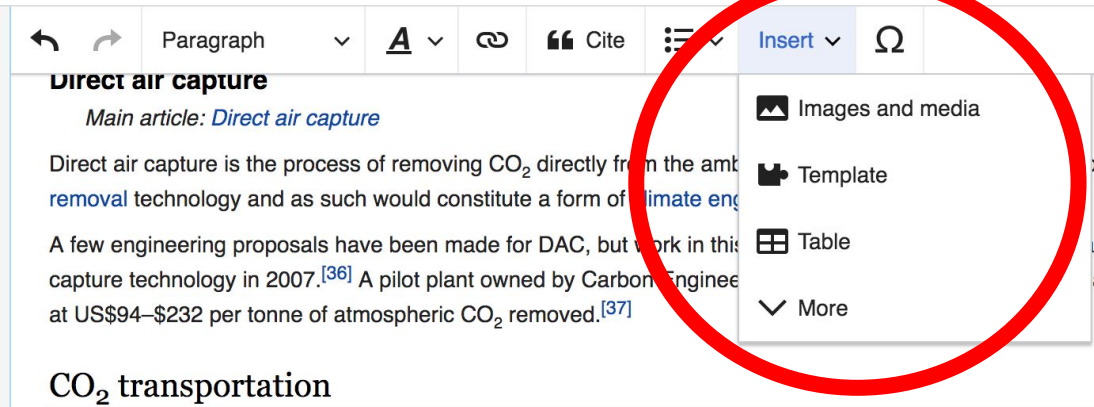


Adding Sections

1. Place cursor 2. Select ‘Paragraph’ 3. Select ‘Heading’



Adding Photos with Wikimedia Commons

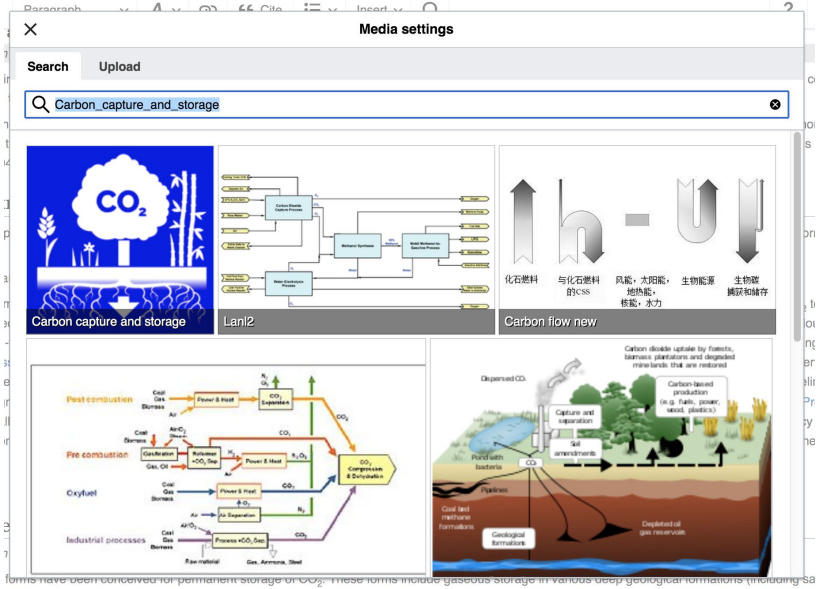


1. Place cursor **2. Select: 'Insert' + Media'**

3. Enter search term **4. Select photo + 'Use this image'**

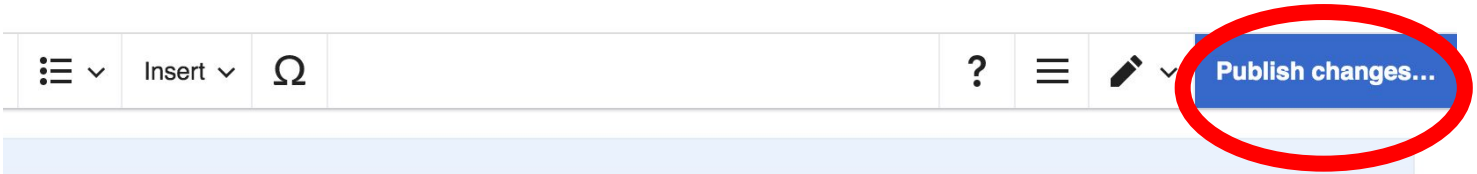
Adding Images with Wikimedia Commons

All images must exist in Wikimedia Commons prior to inclusion in Wikipedia



5. Search for image and select ‘insert’.
6. Add captions and alternative text

Don’t forget to ‘Publish Changes’



ɔm the ambient air (as opposed to from point sources).[34] Combining DAC with carbon storage could act as a carbon dioxide climate engineering if deployed at large scale.

work in this area is still in its infancy.[35] A private company Global Research Technologies demonstrated a pre-prototype of air on Engineering has operated in British Columbia, Canada since 2015. An economic study of this plant in 2018 estimated the cost

able storage sites. This would most likely be done by pipeline, which is generally the cheapest form of transport for large volumes

not feasible, methods which are currently used for transporting CO_2 for other applications.

pelines in the United States in 2008, and a 160 km pipeline in Norway,[38] used to transport CO_2 to oil production sites where it is CO_2 to produce oil is called *enhanced oil recovery*. There are also several pilot programs in various stages of development to test

Explore linked articles

Search linked articles for relevant information

‘Copy and Paste’ is acceptable between WP articles as long as content is relevant

Also a good way to find new sources

Tips/Other Ways to Edit

Photo: National Rivers and Trails Wikipedia Editing Workshop
Bureau of Land Management

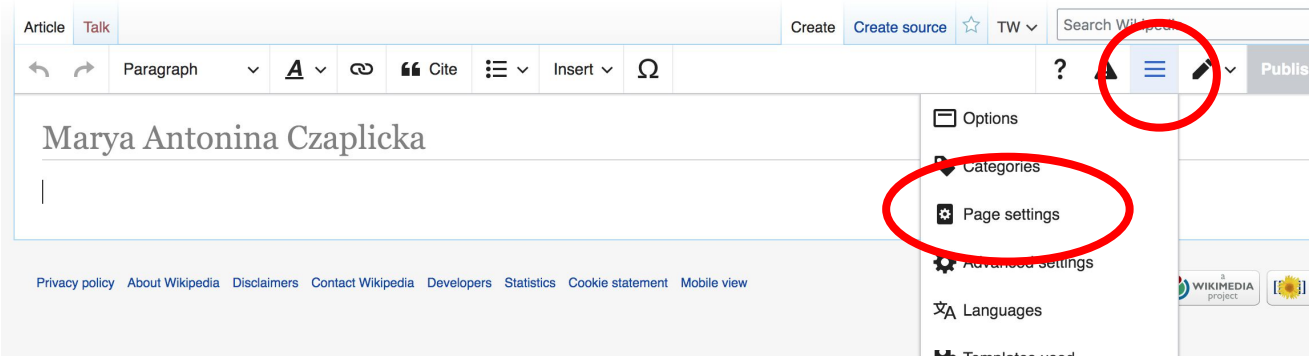
Source: Wikimedia Commons

Adding Categories

1. Leave Editing mode
2. Select +
3. Type the category name into the field, i.e. Climate forcing. Only existing categories will appear in the list of options. You may create new categories.
4. Select ‘Apply Changes’

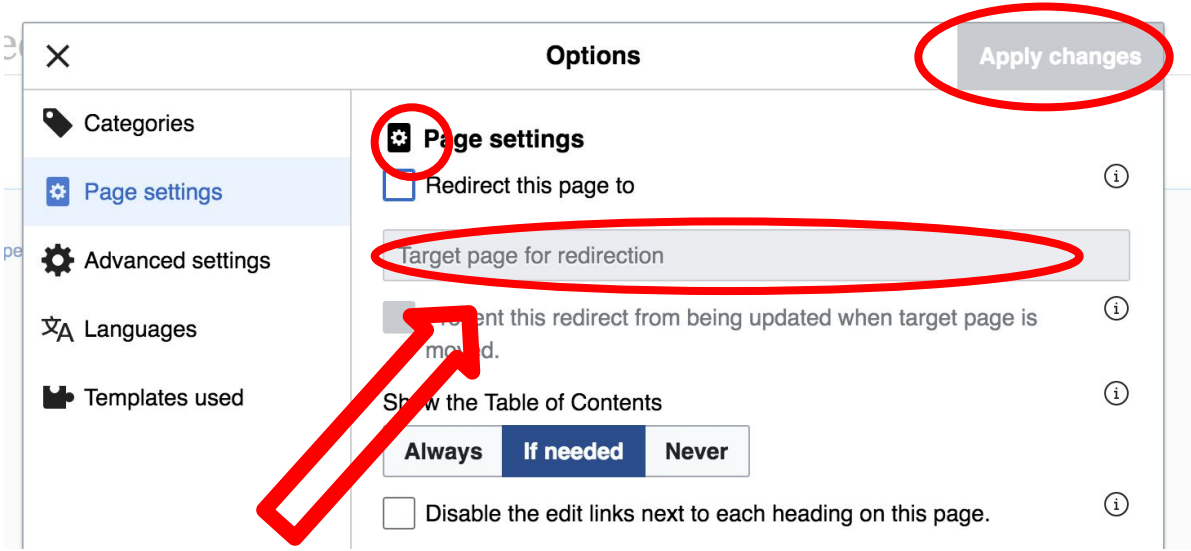
Redirects

1. **Identify target article -**
   ‘Target Article’
2. **Create a new article. Name it the alias.**
   ‘New Article’
3. **To Redirect, select icon w/ three lines.**
4. **Select Page settings.**



Redirects cont.

5. Select ‘Redirect page to’
6. Enter name of the target article
(Ex. Target Article)
7. Select Apply changes 8. Select ‘Apply changes



Creating New Articles

Photo: University of Maryland iSchool Disability Justice Editing Workshop

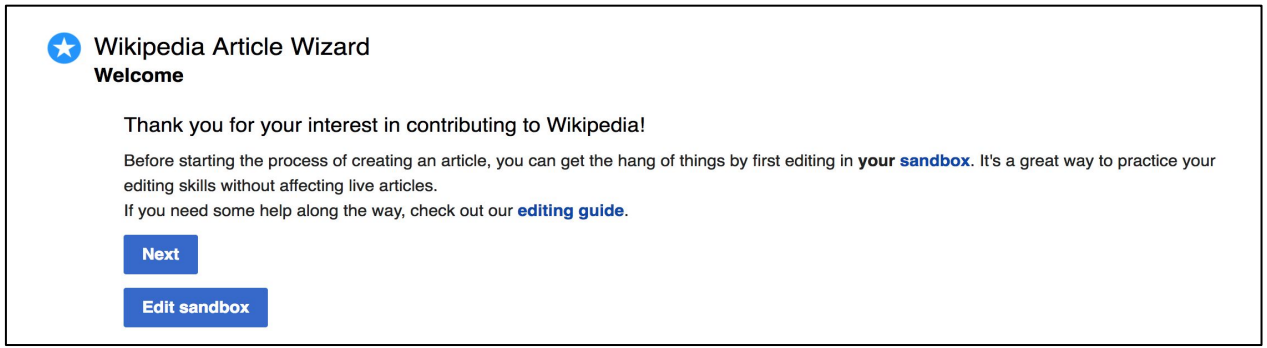
Source: Wikimedia Commons

Create A New Article: Three Ways to Get Started

1. **Start a draft using the Article Wizard**

(Enter Wikipedia: Article Wizard into search bar)

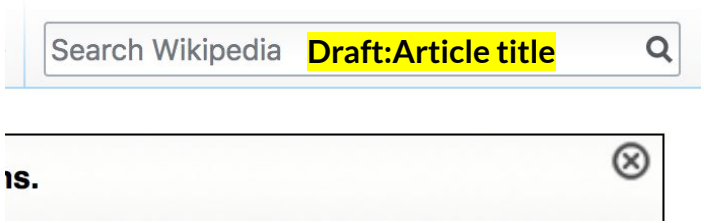
- **Follow prompts**
- **Publish in draft form**



Or…

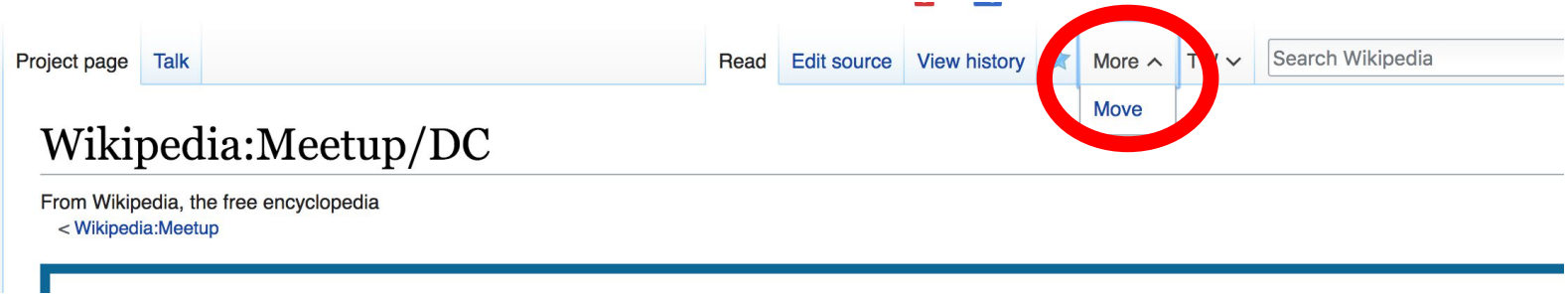
Create A New Article:
Three Ways to Get Started

- Enter **Draft:Article title** into WP search bar
  - Click the **red link** to start the article



Draft cont.

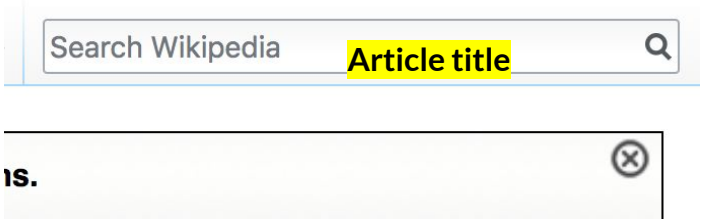
- Start writing and publish as you go
- When happy with your draft, select ‘More’ then ‘Move’
- Select ‘Article’ in menu under New Title, remove ‘Draft:’ and move page

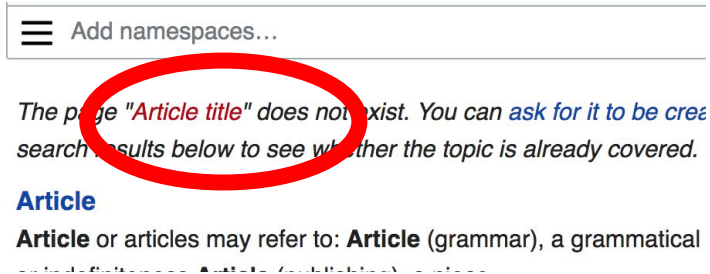


Create A New Article cont.

2. Start a ‘Mainspace’ article

- Enter Article title into WP search bar
- Click the red link to start the article
- Create
- Publish





Create A New Article cont.

3. Practice using your Sandbox

- Select Sandbox
- Select Edit or Edit Source
- Create article or section
- Copy/Paste Sandbox content into a draft of mainspace article

Uploading Photos to Wikicommons

Photo: Sumner School Archive Editing Workshop

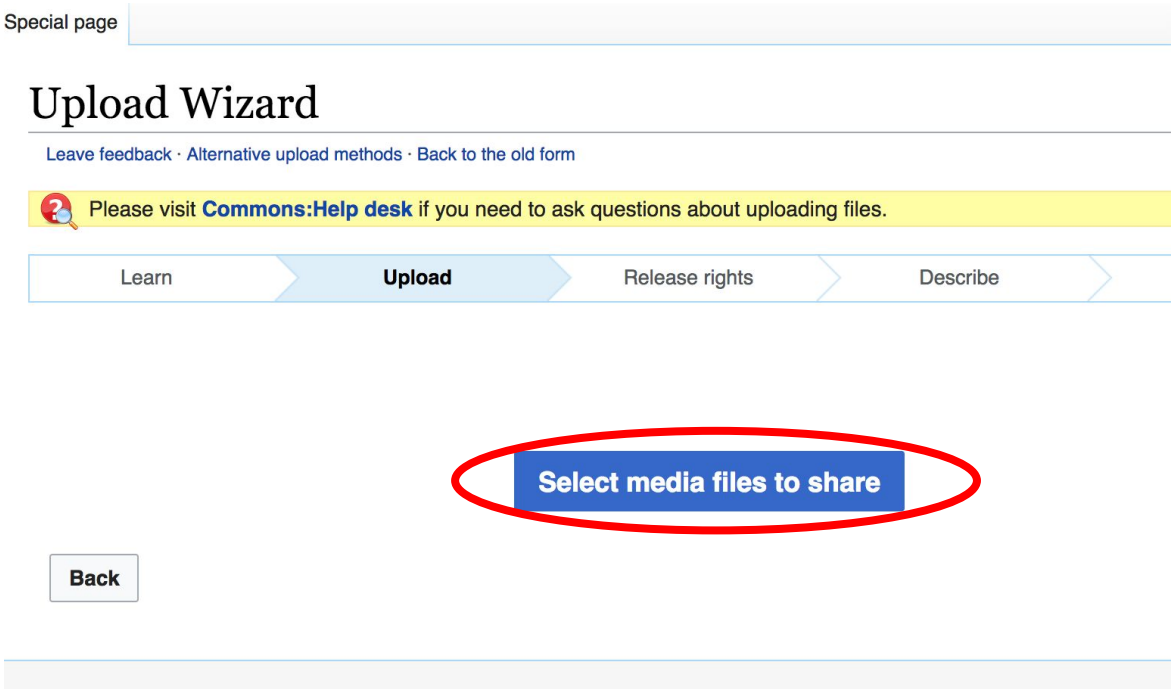
Source: Wikimedia Commons

Adding Photos

1. Go to commons.wikimedia.org
2. Select Upload

Adding Photos

3. Select media files to share



Adding Photos

4. Address copyright

Upload Wizard

Leave feedback · Alternative upload methods · Back to the old form

Please visit **Commons:Help desk** if you need to ask questions about uploading files.

Learn | Upload | **Release rights** | Describe | Use

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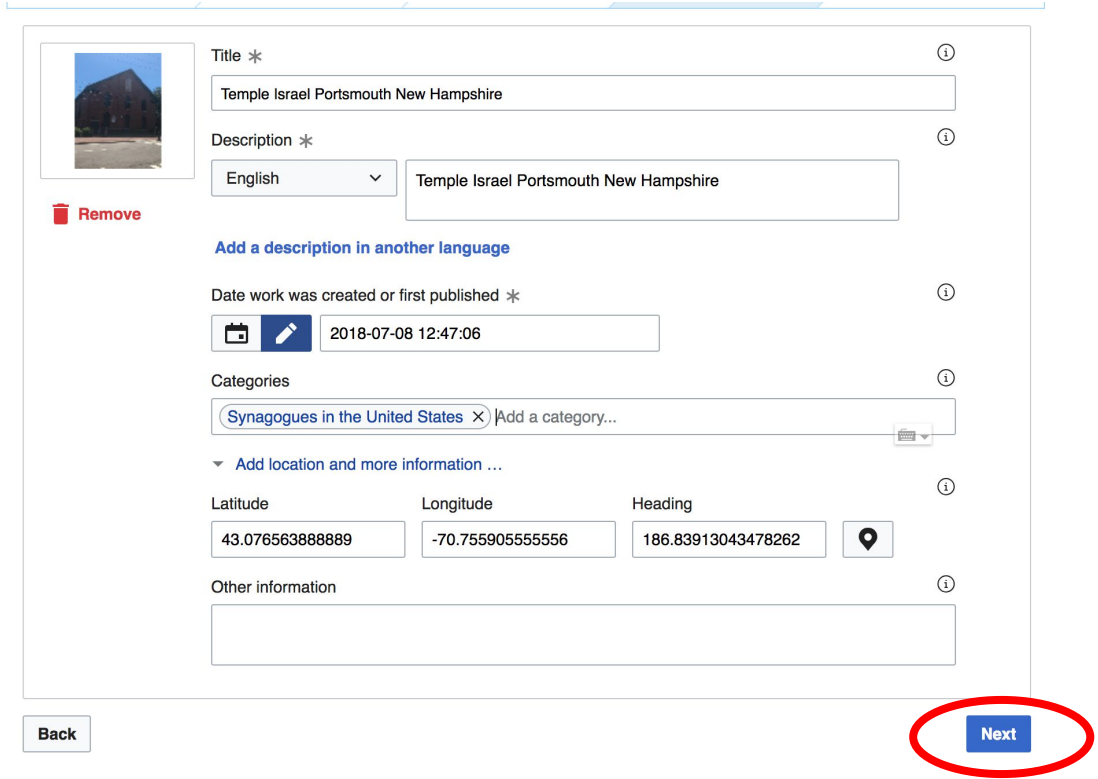
Next

Adding Photos

4. Name and caption your photo, add category