



# Sharing information about research infrastructure through Wikipedia, Wikidata, and Wikimedia Commons

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Public Awareness of Research Infrastructure

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# What is Wikimedia?

- We all know Wikipedia - high profile, high readership
- The Wikimedia movement has multiple projects, e.g.:
  - various Wikipedias in over 200 languages
  - Wikidata: structured data (multilingual)
  - Commons: Media (multilingual)
  - Wikisource: documents (many languages)
- Volunteer editors: Wikimedia community
- Operated by Wikimedia Foundation, US 501(c)(3) non-profit
- Supported by Wikimedia affiliates, inc. Wikimedia UK (charity)



# How to engage with Wikimedia

- Not a PR exercise! Closer to citizen science.
- Don't edit Wikipedia about your facility or topics you are involved in
  - [en.wikipedia.org/wiki/WP:COI](https://en.wikipedia.org/wiki/WP:COI)
  - uploading media to Commons, adding to Wikidata, ... normally OK!
- If you edit for pay, disclose it on your userpage
- Releasing media is much easier
  - Photographs, illustrations, publications (open access!), etc.
- Get Wikimedians to come to you
  - Share your knowledge, let Wikimedians share on-wiki experience
  - offer tours, run editathons (w/ scientists/students/etc.) - inexpensive
  - Wikimedian in Residence - good for big institutes, but expensive
  - Suggest contacting WMUK about these: [wikimedia.org.uk](https://wikimedia.org.uk)

# Freely licenced

- Everything on Wikimedia has to be freely licenced
  - Creative Commons
    - Attribution
    - Share-alike
    - Not: Non-Commercial or Non-Derivative!
  - Public domain
    - CC-0 public domain declaration
    - Out of copyright
  - Various others, e.g., GPL, available but limited.
- Aim: can reuse and remix for any purpose
- Different from: personality rights, trademark law
- Maybe you're already doing this through open access publishing?

# Wikimedia Commons

## ● Media files

- Photos
- Audio
- Video
- Infographics
- Papers/PDFs

## ● Multilingual

## ● Category structure

## ● Automatic infobox

## ● Links to Wikidata,

## Wikipedia, etc.



Página principal  
Admin board / backlog  
Portal de la comunidad  
Café  
Ayuda

Participa  
Subir un archivo  
Cambios recientes  
Archivos nuevos  
Archivo aleatorio  
Contact us

Herramientas  
Lo que enlaza aquí  
Cambios relacionados  
Páginas especiales  
Enlace permanente  
Información de la página

Elemento de Wikidata  
RSS feed  
Perform batch task  
GLAMorous  
Nominar esta categoría  
para ser discutida  
AC/DC

Imprimir/exportar  
Crear un libro  
Descargar como PDF  
Versión para imprimir

En otros proyectos  
Wikipedia

En Wikipedia  
العربية  
Català  
Deutsch  
English

Categoría Discusión Leer Editar Ver historial Más  Ayuda

## Category:Square Kilometre Array

Categorías (+\*): [Radio interferometers](#) (-) (±) (↓) (↑) | [Observatories in South Africa](#) (-) (±) (↓) (↑) | [Observatories in Australia](#) (-) (±) (↓) (↑) | [Radio telescopes in Australia](#) (-) (±) (↓) (↑) | (+)  
Categorías ocultas: [Uses of Wikidata Infobox](#) | [Uses of Wikidata Infobox with maps](#) | [Pages with maps](#)

De Wikimedia Commons, el repositorio multimedia libre

### Subcategorías

Esta categoría contiene las siguientes 7 subcategorías, de un total de 7.

#### A

► [Australian Square Kilometre Array Pathfinder](#) (9 F)

#### C

► [C-BASS South at Klerfontein](#) (7 F)

#### D

► [Phil Diamond](#) (2 F)

#### M

► [MeerKAT](#) (2 C, 33 F)

► [Murchison Widefield Array](#) (6 F)

#### S

► [SKA headquarters at Jodrell Bank Observatory](#) (21 F)

► [Square Kilometre Array site, South Africa](#) (73 F)

### Archivos multimedia en la categoría «Square Kilometre Array»

Los siguientes 19 archivos pertenecen a esta categoría, de un total de 19.



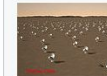
2-PAD, Jodrell Bank Observatory.jpg  
5184 × 3456; 5,16 MB



Gravity Discovery Centre - SKA unit.jpg  
3264 × 2448; 2,79 MB



SKA antennas at night.jpg  
11 111 × 5000; 8,1 MB



SKA Artists Impression of Dishes.jpg  
3022 × 2200; 4 MB



SKA Central Region.jpg  
4000 × 2999; 5,45 MB



SKA cores big.jpg  
5000 × 2813; 11,03 MB



### Square Kilometre Array [Ocultar]

large multi radio telescope project aimed to be built in Australia and South Africa



Artist's impression

[Cargar multimedia](#)

Wikipedia

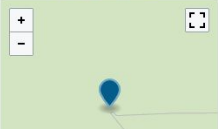
**Instancia de** Antenas en fase

**Ubicación** Meerkat National Park, Observatorio de Radioastronomía Murchison (MRO), Sudáfrica

**Evento significativo** construcción (2021–2024) primera luz (presumible, 2027)

**Superficie** 1 km²

[página web oficial](#)



# Wikidata

- Structured data about identifiable topics
  - Wikipedia articles + journal articles + ...
- Authority control: links between many databases (inc. yours?)
- Stable QIDs (can use elsewhere reliably)
- Queryable + API

Map of radio telescopes: <https://w.wiki/5TTg>



Identifiers		Square Kilometer Array: Q258499
ISNI	0000 0004 0569 9009	1 reference
Freebase ID	/m/03ch7z	1 reference
Gran Enciclopèdia Catalana ID	0263103	0 references
GRID ID	grid.452213.3 ...	0 references
KBpedia ID	SquareKilometreArray	1 reference
Microsoft Academic ID	2911059103 ...	0 references
Quora topic ID	Square-Kilometer-Array	1 reference
Ringgold ID	368585	1 reference
ROR ID	01wtjj434	0 references

# If you want to edit, start small

- Find articles that you're interested in but don't have a COI
- Try adding a reference (everything should be referenced!)
- Fix typos/grammar
- Upload an image (one you own, properly licenced)
  - and add it to an article (being careful it's not promotional!)
- Suggest edits on a talk page (this is also OK with a COI)
- Get used to the system + community before making bigger edits
- Feel free to ask me on the slack channel for help!



# Thanks for your attention!

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Ask me anything on Slack!

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