LIVING HUB OF COVID-19 KNOWLEDGE HUBS

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COVID-END Partners Meeting

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Motivation

- Explosion in COVID-19 Knowledge that also has led to an explosion in hubs containing this knowledge.
- One estimate shows more 23,000 papers COVID-19 literature published since January more than and is doubling every 20 days—among the biggest explosions of scientific literature ever (Brainard, 2020).
- Numerous entities producing and / or collecting this knowledge, albeit with **duplications** (e.g. government policy trackers).

- Challenges in **finding the best-fit** C0VID-19 knowledge to one's context in the **shortest period** of time possible.

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Objective

- The **Living Hub of COVID-19 Knowledge Hubs** aims to systematically collate all hubs of COVID-19-related knowledge into one platform, a **one-stop-shop or hub of hubs.**
- Allow users such as health and social systems decision-makers to rapidly identify the most relevant resources.
- Covid-19 Knowledge Hubs are broadly defined as any publicly available platforms whose main area of focus is to gather and share relevant research, data, and other types of evidence related to the Covid-19 pandemic.

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Eligibility criteria

The Living Hub of COVID-19 Knowledge Hubs includes HUBS with:

- Resources that have a clear scope to be used by decision-makers in the public sector.
- A dedicated section or an easy-to-access filter to select the specific COVID-19 resources.
- At **least one** of i) documents that collate evidence ii) epidemiology information iii) description of government responses
- At **least two** of i) expert opinions ii) other resources related to research activities e.g., funding opportunities.
- No limitation on regional scope of hub, outcomes and sector.

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Searching for hubs

1. Google search
2. Evidence organisations
3. Twitter hashtags #COVID19 or #COVID-19
4. Snowballing

Search 1

1. **Google search strategy**

Term	Keywords	Description
(A) Coronavirus	("COVID-19" OR "Coronavirus" OR "CoV" OR "Covid" OR "Coronavirus disease 2019" OR "severe acute respiratory syndrome coronavirus 2" OR "SARS-CoV-2" OR "2019-nCoV acute respiratory disease" OR "Novel coronavirus pneumonia" OR "Wuhan pneumonia" OR "Wuhan coronavirus")	Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus. Most people infected with the COVID-19 virus will experience mild to moderate respiratory illness and recover without requiring special treatment. Older people, and those with underlying medical problems like cardiovascular disease, diabetes, chronic respiratory disease, and cancer are more likely to develop serious illness. Source: World Health Organization (accessed 02/04/2020 at https://www.who.int/health-topics/coronavirus#tab=tab_1)
(B) Knowledge hub	("knowledge repositor*" OR "knowledge hub*" OR "online database*" OR "digital learning repositor*" OR "digital object repositor*" OR "evidence hub" OR "evidence repositor*")	Knowledge repository refers to a wide range of knowledge domains across various subject areas including math, physics, biology, social science, language, etc. Domains within the knowledge depository are connected by semantic rules and can be accessed through domain identifiers and classes. Source: IG Global (accessed 02/04/2020 at https://www.igi-global.com/dictionary/ontological-approach-online-

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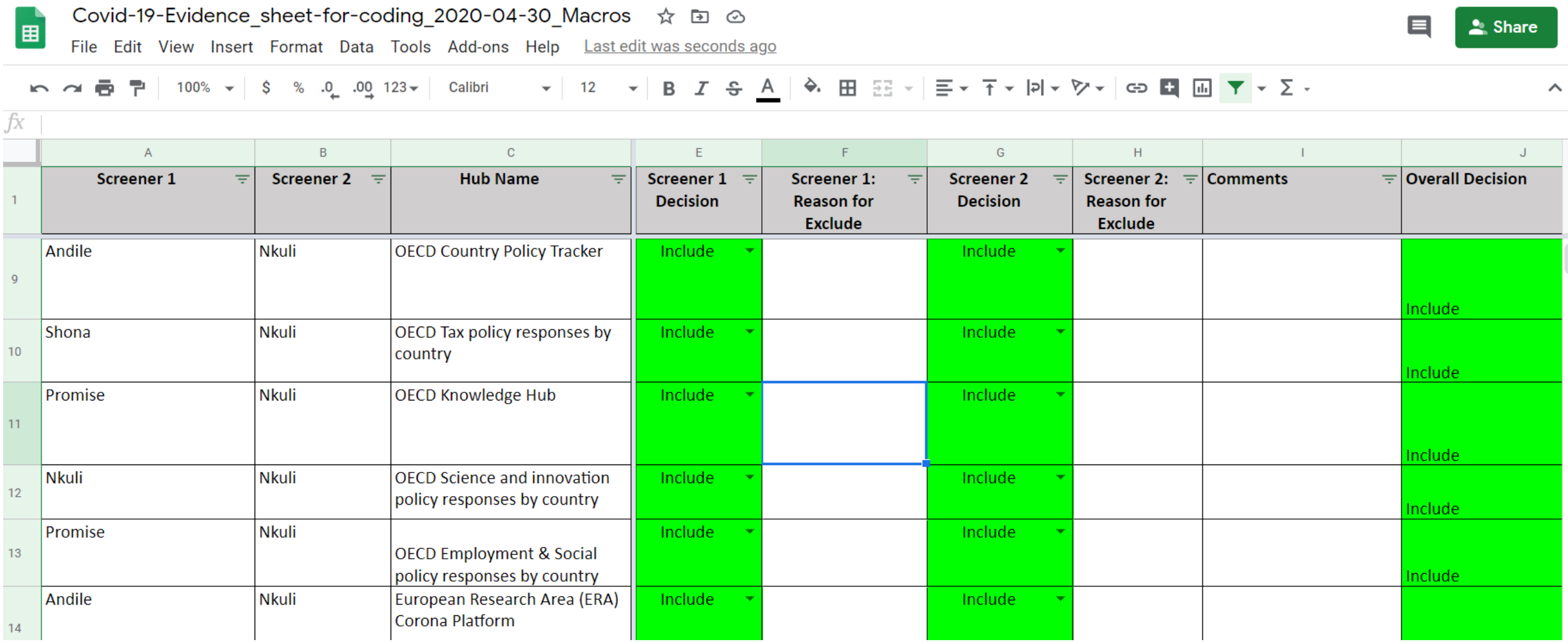
Screening and coding



	A	B	C	E	F	G	H	I	J
1	Screener 1	Screener 2	Hub Name	Screener 1 Decision	Screener 1: Reason for Exclude	Screener 2 Decision	Screener 2: Reason for Exclude	Comments	Overall Decision
9	Andile	Nkuli	OECD Country Policy Tracker	Include		Include			Include
10	Shona	Nkuli	OECD Tax policy responses by country	Include		Include			Include
11	Promise	Nkuli	OECD Knowledge Hub	Include		Include			Include
12	Nkuli	Nkuli	OECD Science and innovation policy responses by country	Include		Include			Include
13	Promise	Nkuli	OECD Employment & Social policy responses by country	Include		Include			Include
14	Andile	Nkuli	European Research Area (ERA) Corona Platform	Include		Include			

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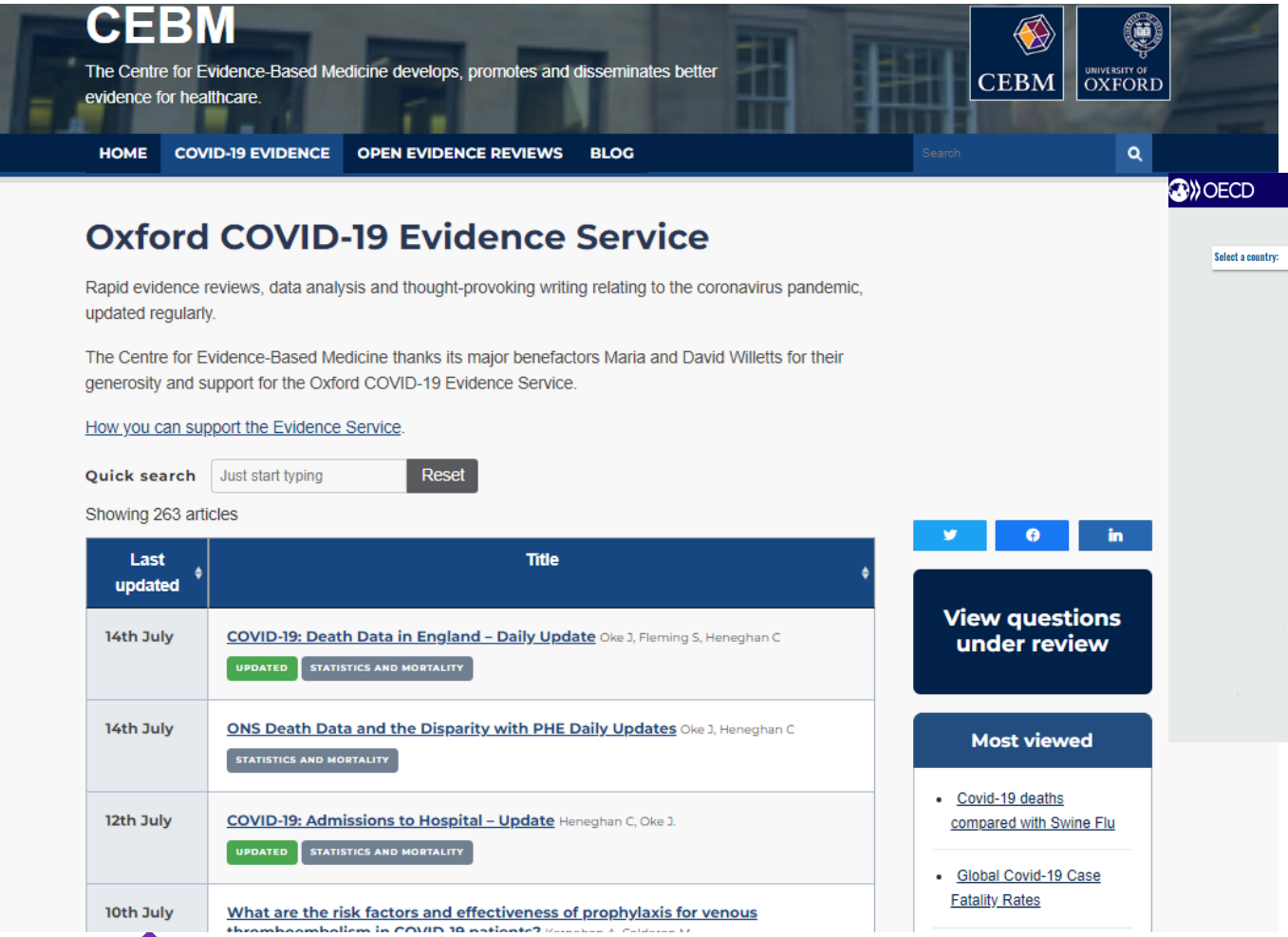
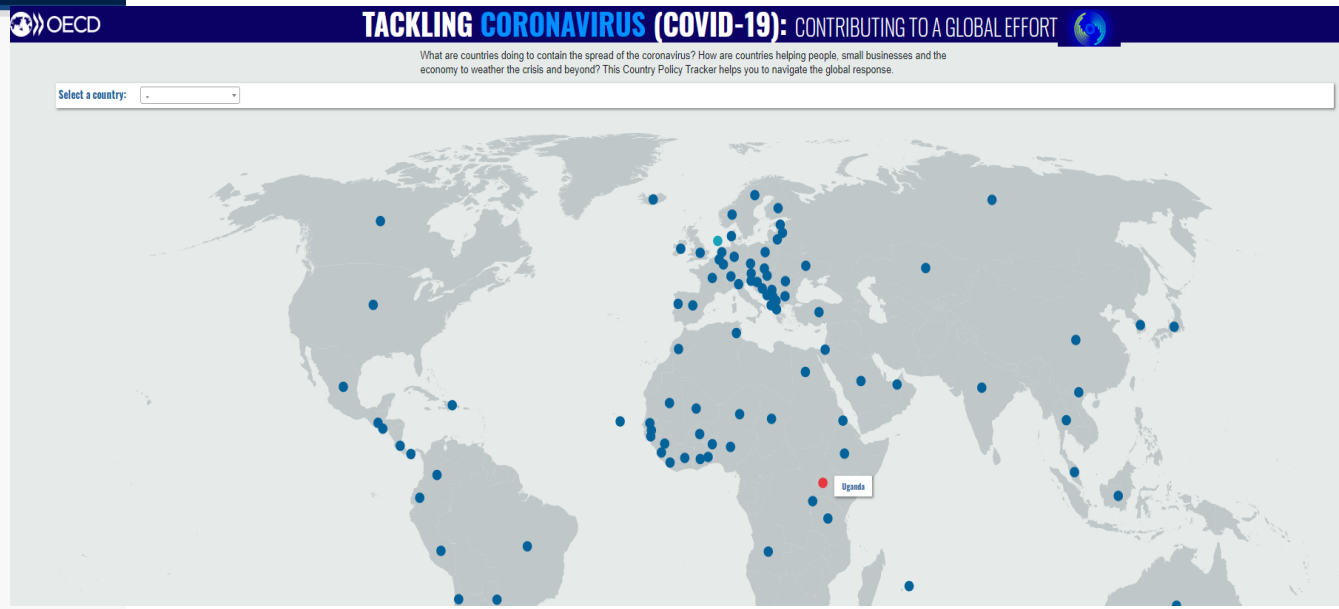
Includes





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Excludes

equator network

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Your one-stop-shop for writing and publishing high-impact health research

find reporting guidelines | improve your writing | join our courses | run your own training course | enhance your peer review | implement guidelines

Library for health research reporting

The Library contains a comprehensive searchable database of reporting guidelines and also links to other resources relevant to research reporting.

Search for reporting guidelines

Reporting guidelines for main study types

Randomised trials	CONSORT	Extensions
Observational studies	STROBE	Extensions
Systematic reviews	PRISMA	Extensions
Study protocols	SPIRIT	PRISMA-P
Diagnostic/prognostic studies	STARD	TRIPOD

Coronavirus Knowledge Portal

The spread of COVID-19, commonly referred to as the coronavirus, is an event that is increasingly becoming a public and workplace priority. Employers will be called on to take every possible action to protect workers while maintaining business operations. Here, you can find a roundup of up-to-date information on how businesses and HR leaders are handling the outbreak.

GENERAL INFORMATION FROM GOVERNMENT BODIES

- Global information and guidance on COVID-19 (World Health Organization)
- Coronavirus response in Europe (European Commission)
- Coronavirus response in the U.S. (CDC)
- Worldwide situation update (ECDC)

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MOST POPULAR

- HRO Today June 2020 Issue Recap
- Covering All Bases
- Metrics That Matter

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Data extraction

The process:

- Project from Mid-April to end of June.
- Total 4 coders involved.
- All coding in Google sheets.
- Reconciliation of coding questions in weekly meetings.
- 213 hubs data extracted.

The information extracted:

- Identification of the Hub (description, geographical scope)
- Eligibility criteria (2 categories)
- Characteristics of the Hub (as organization)
- Type of resources available
- Characteristics of the resources available
- Information topics
- Characteristics of the website (including **response mechanism for policymakers**)

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Updating the **Living** Hub of COVID-19 Knowledge Hubs

- Committed to **weekly updates** for the next month.
- Next phase focuses on **snowballing** currently included hubs with external links.
- Then, run the **searches each week** and code newly included hubs.
- For next month: open for inputs from COVID-END partners, but not external stakeholders.
- Eventually, also need to check hubs that have been already coded for any characteristics that might have changed. Different to living SRs as some included hubs are ‘living’ themselves.

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A snapshot

Name of hub	Hub URL	Short description of the Hub	Geographical scope of the Hub	Low-income	Lower-middle-income	Upper-middle-income	High-income	Governance	Other specify	Type
(USA) White House Call to Action to the Tech Community	https://www.coronavirus.	The United States of America`s information portal and news updates for coronavirus dis	National	No	No	No	Yes	Governments and public ins	N/A	Public
Africa Evidence Network Hub	https://www.africaeviden	As champions in advocating for the use of evidence in decision-making, the COVID-19 p	Regional	Yes	Yes	Yes	No	NGO	N/A	Public
African Policy Monitor	https://covid19africawatc	COVID-19 Africa Watch is tracking a variety of policy developments across Africa. The hu	Regional	Yes	Yes	Yes	No	NGO	N/A	Public
Africaxiv	https://info.africarxiv.org/	Resources, ideas, and guidelines around the COVID-19 pandemic in Africa Thousands	Regional	Yes	Yes	Yes	Yes	International Organization	N/A	Public
American Chemistry Society	https://pubs.acs.org/pag	n light of the current outbreak of a novel coronavirus (2019–nCoV), ACS Publications wo	No geographical scope	N/A	N/A	N/A	N/A	NGO	Journal	Public
American College of Cardiology	https://www.acc.org/lates	The ACC is working to provide COVID-19 clinical guidance for the global cardiovascular	Global	Yes	Yes	Yes	Yes	NGO	N/A	Public
American Psychological Association: Education	https://www.apa.org/topi	Information hub on telepsychology, telework, distance learning, self-care, parenting and	National	No	No	No	Yes	Other	Scientific and proffess	Private not for pro
American Society of Microbiology	https://asm.org/Press-R	This registry includes top-ranked, COVID-19 research articles curated by experts and se	No geographical scope	N/A	N/A	N/A	N/A	NGO	N/A	Private not for pro
Annals of Internal Medicine	https://annals.org/aim/pa	A collection of Annals of Internal Medicine articles related to coronavirus	No geographical scope	N/A	N/A	N/A	N/A	NGO	N/A	Public
Antimicrobial Stewardship	https://www.antimicrobia	COVID-19 (SARS-CoV-2)Current clinical management and drug information	No geographical scope	N/A	N/A	N/A	N/A	NGO	N/A	Public
Asian Development Bank	https://data.adb.org/data	A policy database that provides information on the key economic measures that governm	Global	Yes	Yes	Yes	Yes	Other	Financial institution	Public
AU	https://au.int/en/covid19	An African centred that tracks continental cases and deaths, provides updates in the forr	Regional	Yes	Yes	Yes	No	Other	Continental union	Public
BioRxiv & MedRxiv	https://connect.medrxiv.o	MedRxiv is receiving many new papers on coronavirus SARS-CoV-2. These are prelimin	No geographical scope	N/A	N/A	N/A	N/A	Other	Preprint Server	Private not for pro
Brennan Center for Justice	https://www.brennancent	The Brennan Center is compiling the formal policy responses of federal courts, immigra	National	No	No	No	Yes	NGO	N/A	Public
Call for Action: COVID-19 Data Collaboratives	https://docs.google.com/	This Living Repository is part of a call for action to build a responsible infrastructure for d	No geographical scope	N/A	N/A	N/A	N/A	NGO	N/A	Public
Campbell UK and Ireland	http://meta-evidence.co.u	The intention of this map is to geolocate where emerging research takes place to aid ne	Global	Yes	Yes	Yes	Yes	NGO	N/A	Public
Canadian Agency for Drugs and Technologies in Health	https://covid.cadth.ca/	CADTH is committed to supporting Canada's health care decision-makers through this	No geographical scope	N/A	N/A	N/A	N/A	NGO	N/A	Private not for pro
Canadian Centre on substance use and addiction	https://www.ccsa.ca/Imp	CSA is the go-to place in Canada for trusted information on COVID-19 and substance us	National	No	No	No	Yes	NGO	N/A	
Candid Philanthropic Funding Data	https://candid.org/explore	We've created this pop-up web page to get you the information you need to do good durir	Global	Yes	Yes	Yes	Yes	NGO	N/A	Public
CareSearch: Palliative Care Knowledge Network	https://www.caresearch.(	COVID-19 has been identified as a key issue for health and aged care. The Australian G	National	No	No	No	Yes	Governments and public ins	N/A	Public
Cell Press Coronavirus Resource Hub	https://www.cell.com/20	At Cell Press, we recognize the urgent need to quickly share information about SARS-Co	No geographical scope	N/A	N/A	N/A	N/A	Academic institution	N/A	Public
Centers for Disease Control and Prevention	https://www.cdc.gov/libra	The Stephen B. Thacker CDC Library is collecting COVID-19 (2019 Novel Coronavirus) re	Global	Yes	Yes	Yes	Yes	Governments and public ins	N/A	Public
Centre for Effective Practice	https://tools.cep.health/t	The COVID-19 Resource Centre is intended for family physicians and primary care nurse	Sub-national	No	No	No	No	NGO	N/A	Public
CGD - COVID education policy tracking	https://docs.google.com/	This Google sheet tracks all the government responses that have been undertaken in th	Global	Yes	Yes	Yes	Yes	NGO	N/A	Public
CHAIN	www.chain-network.org.(	CHAIN is a successful online mutual support network of people working in health and so	Global	Yes	Yes	Yes	Yes	NGO	N/A	Private not for pro
China National Knowledge Infrastructure (CNKI)	http://new.oversea.cnki.n	COVID-19 has attracted widespread attention from experts, scholars and the public sinc	Global	Yes	Yes	Yes	Yes	Academic institution	N/A	Public
Chinese Center for Disease Control and Prevention	http://www.chinacdc.cn/e	This site has guidelines which will be continuously adjusted and improved to better prot	No geographical scope	N/A	N/A	N/A	N/A	Governments and public ins	N/A	Private not for pro
CIAT/IOTA/OECD Tax Response	https://read.oecd-ilibrary.	he COVID-19 emergency will affect the lives of many people around the globe and gover	Global	No	Yes	Yes	Yes	International Organization	N/A	Public
Civic Space Watch: Solidarity amid the COVID-19 crisis	http://civicspacewatch.eu	As the planet faces the Covid-19 emergency, we are all asked to act responsibly as indiv	Global	Yes	Yes	Yes	Yes	NGO	N/A	Public
Cochrane Covid 19 Pregnancy and Fertility	https://cgf.cochrane.org/r	Here we have gathered important resources, guidance and advice statements from inter	No geographical scope	N/A	N/A	N/A	N/A	International Organization	N/A	Private not for pro
Cochrane Clinical Answers	https://www.cochrane.or	Cochrane Clinical Answers (CCAs) provide a readable, digestible, clinically-focused entr	No geographical scope	N/A	N/A	N/A	N/A	International Organization	N/A	Private not for pro
Cochrane COVID Rapid Reviews	https://covidrapidreviews	The Cochrane COVID Rapid Reviews website and Question Bank have three main objec	No geographical scope	N/A	N/A	N/A	N/A	International Organization	N/A	Private not for pro
Cochrane Covid-19 Study register	https://covid-19.cochrane	This is a COVID 19 related studies compliled by Cochrane	No geographical scope	N/A	N/A	N/A	N/A	International Organization	N/A	Private not for pro
Cochrane Effective Practise and Organisation of Care: Ta	https://epoc.cochrane.or	The hub provides summarised versions of Cochrane Reviews from EPOC and other gro	No geographical scope	N/A	N/A	N/A	N/A	International Organization	N/A	Private not for pro
Cochrane ENT, Hearing & Balance	ccoronavirus-disease-er	Here we have gathered important resources, guidance and advice statements from inter	No geographical scope	N/A	N/A	N/A	N/A	International Organization	N/A	Private not for pro
Cochrane Library	https://www.cochranelibr	Cochrane Reviews and related content from the Cochrane Library relating to the COVID-	No geographical scope	N/A	N/A	N/A	N/A	International Organization	N/A	Private not for pro
Cochrane Oral Health	https://oralhealth.cochra	Cochrane Oral Health are collecting information and guidance from international profess	No geographical scope	N/A	N/A	N/A	N/A	International Organization	N/A	Private not for pro
Communication Initiative	https://www.comminit.co	The Network for Shared Knowledge and Active Dialogue in Support of Effective COVID-19	Global	Yes	Yes	Yes	Yes	Other	Network of organisati	Public
Conflict and Covid-19 Resource Hub	https://www.politicalsettl	We are curating a of blogs and resources addressing the COVID-19 pandemic from the	Global	Yes	Yes	Yes	Yes	Other	Research programme	Private not for pro

... 1. Field description | 2. Main sheet | 3. Geographical scope | 4. Resource types | 5. Decisions | 6. Sector

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