



Science Publishing and the Sustainable Development Goals

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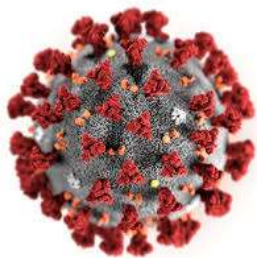
For
 Mahidol University, Faculty of Tropical Medicine, July 27, 2022



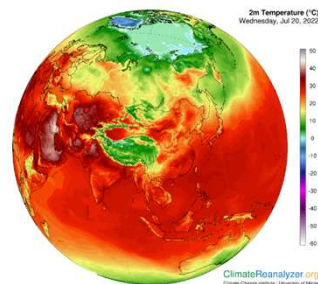
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We are at a crucial junction for humanity

A global health crisis



A global climate crisis



A global biodiversity crisis

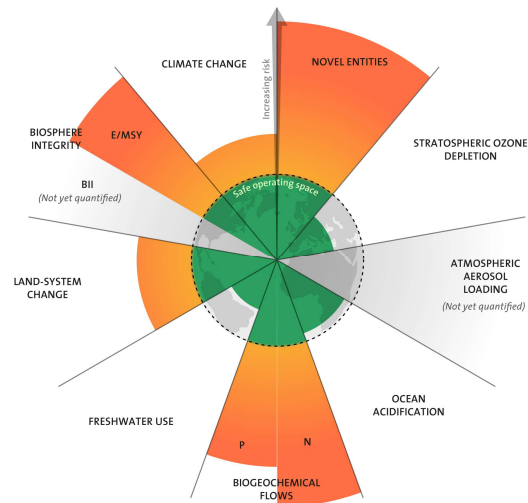


"Listen to the science" – a stronger dialogue is needed.



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Exceeding our Planetary Boundaries



<https://www.stockholmresilience.org/research/planetary-boundaries.html>

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Agenda

- 1 A brief intro to the SDGs and publisher roles
- 2 How to measure research on the SDGs
- 3 Ways to connect publishing to the SDGs
 - *Analyse Journal Landscape*
 - *Connect journal to SDGs*
 - *Solicit special issues with conferences*



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A brief intro to the SDGs and publisher roles

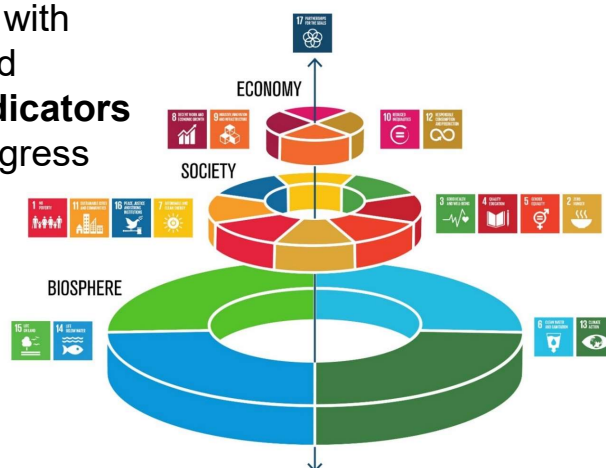


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United Nations Sustainable Development Goals – SDGs

“SDG wedding ca

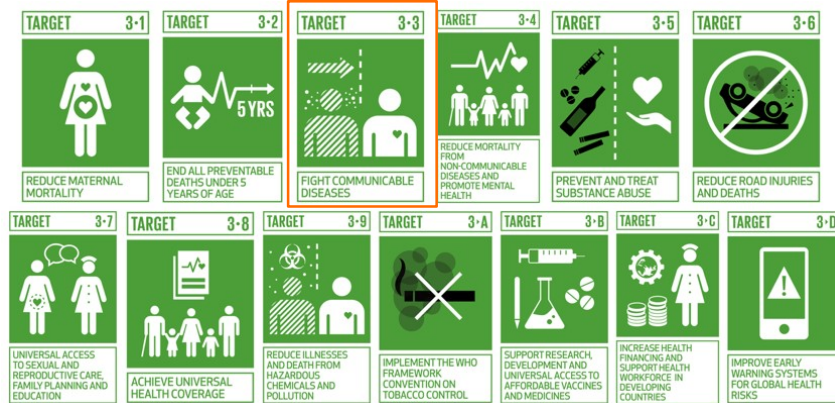
17 SDG Goals with
169 targets and
231 unique indicators
to measure progress



<https://www.stockholmresilience.org/research/research-news/2016-06-14-how-food-connects-all-the-sdgs.html>

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From Goals to Targets..



<https://sdgs.un.org/goals/goal3>

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Inspiring action through the SDG Publishers Compact

Over 150 publishers and publishing organizations have signed up to contribute to a sustainable future for everybody



<https://www.un.org/sustainabledevelopment/sdg-publishers-compact/>

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Sustainable Development Goals at RELX/Elsevier



<https://sdgresources.relx.com/>

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Using data to drive action on the UN SDGs



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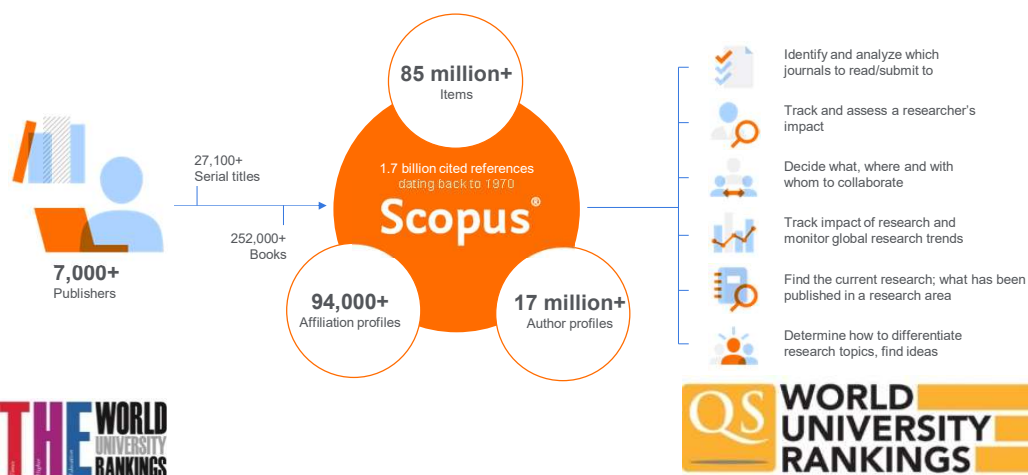
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How to measure research on the SDGs



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Scopus uniquely combines a comprehensive, curated abstract and citation database with enriched data and linked scholarly content.



<https://www.elsevier.com/solutions/scopus>

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Scopus Coverage Summary (Feb 2022)

Global representation means global discovery across all subjects and content types

85.6M records from **27.1K** serials, **140K** conferences and **253K** books

from more than **7,000** publishers in **105** countries

- Updated daily—approximately **11,000** articles per day indexed
- **18.40M** open access documents
- "Articles in Press" from **>8,740** titles
- **1.10M** preprints from multiple preprint servers
- **5,408** active Gold Open Access journals indexed

Now over 70 Thai journals in Scopus.

Number of Journals by subject area**	Journals	Conferences	Books	Patents
Physical sciences 9,056	25,837** active peer-reviewed journals	140K conference events	63.3K individual book series volumes	47.4M patents
Health sciences 7,596	247 trade journals	11.03M conference papers	253K stand-alone books	5 major patent offices:
Social sciences 11,526	5,408 Gold OA Journals (DOAJ/ROAD)		2.35M total book items	<ul style="list-style-type: none"> • WIPO • EPO • USPTO • JPO • UK IPO
Life sciences 5,164	17.0M fully-indexed funding acknowledgements	Mainly Engineering and Computer Sciences	Focus on Social Sciences and A&H	
	1.10M preprints			
	<ul style="list-style-type: none"> • Full metadata, abstracts and cited references (refs post-1970 only) • Citations back to 1970 			

*Journals may be classified in multiple subject areas; this count includes current actively indexed titles only
 **Total number of Scopus journals in database including inactive titles is 42,474

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Expert Curated content selection by the independent Content Selection & Advisory Board (CSAB)



- The **CSAB** is an independent board of subject experts from all over the world.
- Comprised of 17 Subject Chairs.
- Board members are chosen for their expertise in specific subject areas; many have (journal) Editor experience.

Expert curation

There are 104,586* active scholarly titles > Of which 47,519* are peer-reviewed > Scopus indexes 24,600+ > Curated content

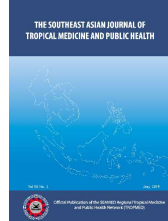
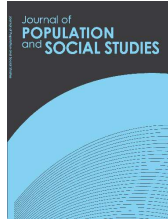
> Titles on Scopus are rigorously reviewed and selected by an independent board of subject matter experts to include 52% of the world's peer-reviewed scholarly literature.

*Source: Elsevier's Web Global Series Director, February 15, 2019

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Thai Citation Index (TCI) acts as local board for Scopus

- TCI-Scopus project (2017-2019) succeeded in adding 40 new Thai journals to Scopus in addition to the 28 that were already indexed.
- Since end of TCI - Scopus Project we continue work with TCI to support and accept new Thai Journals into Scopus. **Now over 70 Thai journals in Scopus.**
- Just recently Scopus accepted:
 - Thammasat Review (Thammasat University)
 - Journal of Associated Medical Sciences (Chiang Mai University)



A recipe to match publications to SDGs

A large bibliometric data base



Collaborate on search queries



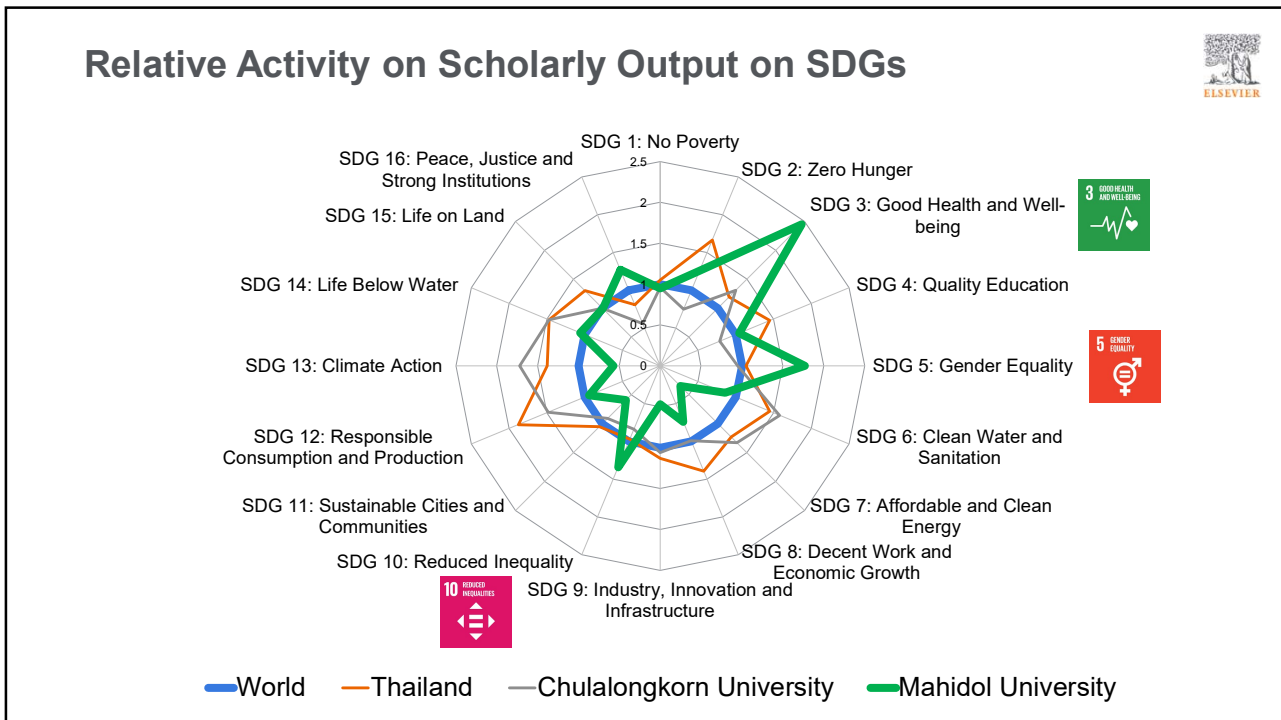
Learn with the community



And Machine Learning



<https://www.elsevier.com/about/partnerships/sdg-research-mapping-initiative>



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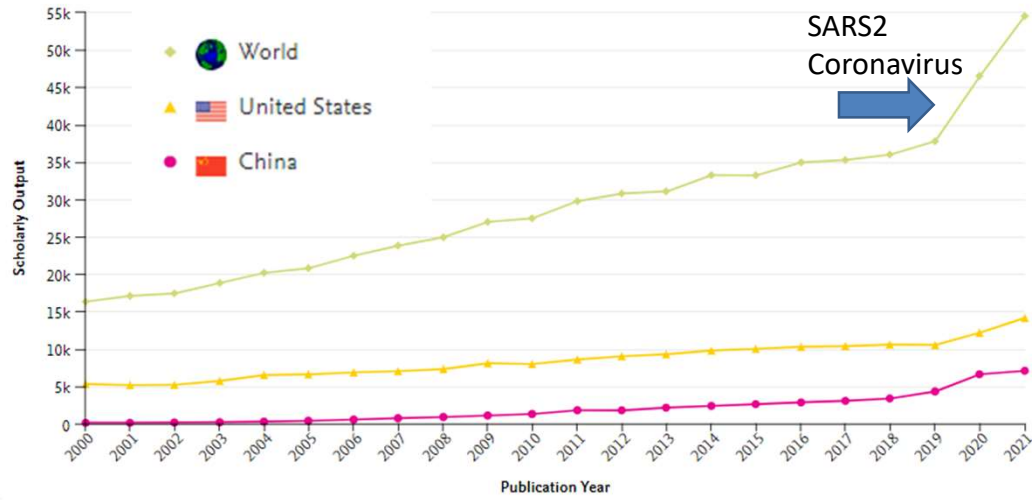
Ways to connect publishing to the SDGs

- Analyse Journal Landscape
- Connect journal to SDGs
- Solicit special issues with conferences




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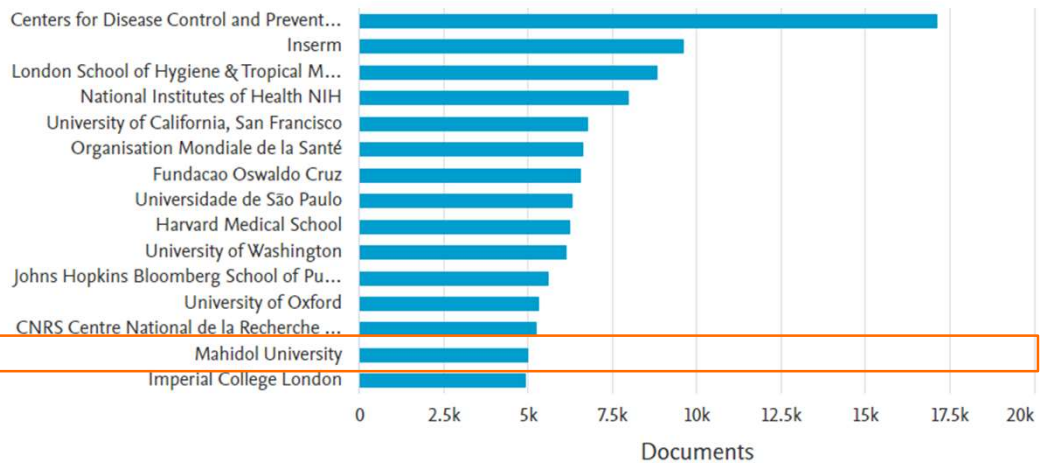
Scholarly Output Around Infectious Diseases



Subject Area Infectious Diseases, Data Source: SciVal, based on Scopus SUBJTERMS (2725)

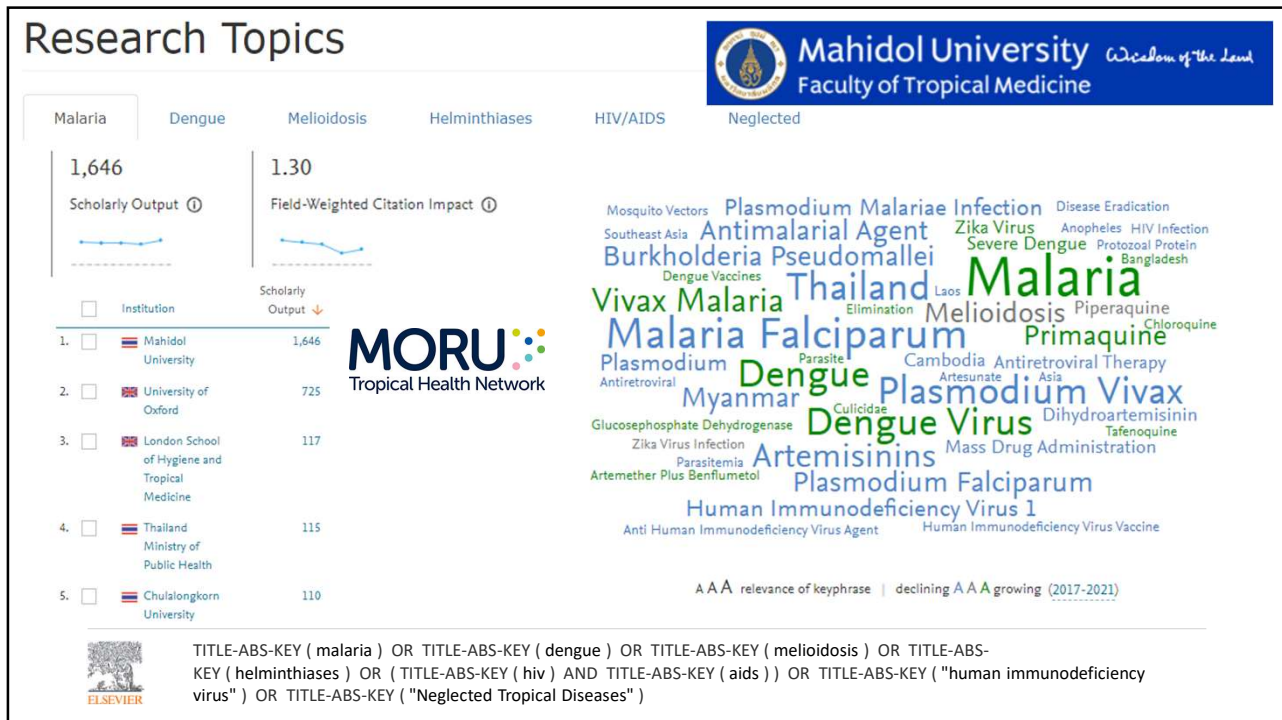
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Top 15 Organizations (2000-2021)

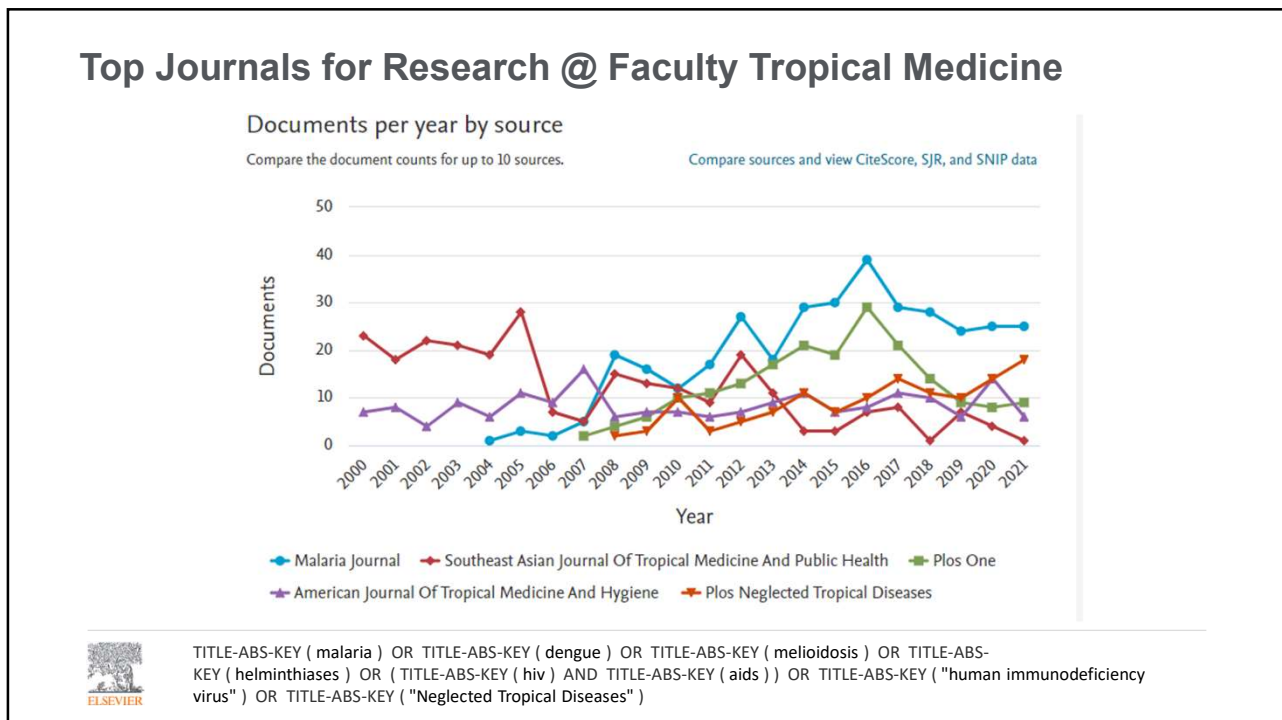


Subject Area Infectious Diseases, Data Source: SciVal, based on Scopus SUBJTERMS (2725)

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Ways to connect publishing to the SDGs

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Optimizing Journals for SDGs

RELX
SDG Resource Centre

Resources Research News Events Partners Links About

World Health Day 2022

Show previous page

- 1 NO POVERTY
- 2 ZERO HUNGER
- 3 GOOD HEALTH AND WELL-BEING
- 4 QUALITY EDUCATION
- 5 GENDER EQUALITY
- 6 CLEAN WATER AND SANITATION

World Health Day

Our planet, our health
Are we able to reimagine a world where clean air, water and food are available to all?

Where economies are focused on health and well-being?

Where cities are liveable and people have control over their health and the health of the planet?

- A strong diverse editorial board
- Look at different article types
- Make it clear it support SDGs
- Special issues on a theme
- Special conference issues



<https://www.elsevier.com/connect/how-societies-and-their-journals-can-support-the-un-sdgs>

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Example of Elsevier Journal – Acta Tropica

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Example: Acta Tropica – some data

Top Institutions in Asia Pacific

Institution	Scholarly Output
1. University of Malaya	53
2. Chiang Mai University	39
3. Chinese Center for Disease Control and Prevention	39
4. Khon Kaen University	36
5. Chinese Academy of Agricultural Sciences	34
6. Mahidol University	34
7. University of Veterinary and Animal Sciences, Lahore, Pakistan	29
8. Ministry of Health of People's Republic of China	22
9. Yangzhou University	21
10. Indian Council of Medical Research	17

Keyword analysis



Data Source: SciVal, Custom Research Area – Journal Acta Tropica, 2017-2021

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Ways to connect publishing to the SDGs

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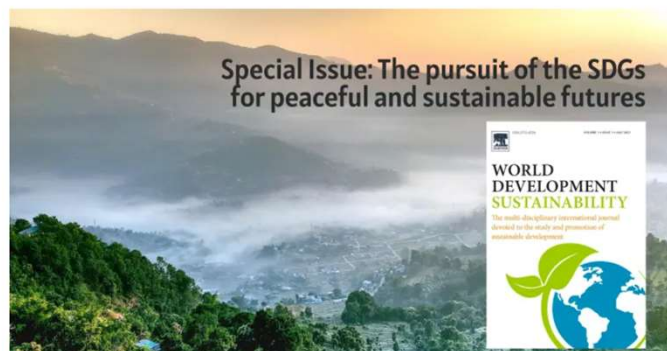
HIROSHIMA
UNIVERSITY



NERPS

Network for Education and Research
on Peace and Sustainability

Special Journal Issues



Call for Papers: The Pursuit of the SDGs for Peaceful
and Sustainable Futures



<https://nerps.org/2022conference/>

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CALL FOR ABSTRACTS

Deadline: October 30, 2022



FEB 28 – MAR 3, 2023

AIT, THAILAND

- Important Dates & Fees
- Participation Guidelines
- Publishing Opportunities
- Conference Committee
- Plan Your Trip to Thailand
- Frequently Asked Questions
- Become a Sponsor



https://nerps.org/thailand_nerps2023/

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Summary and next Q&A

- General SDG background and the urgency to act
- Important to understand and benchmark your research capacity
- Publishing strategy to increase visibility of research in journal

Feel free to contact!



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