

# Development of Indexing Journals in Thailand in International Database: A National Project to Improve Journal Standards

# Prof. Dr. Rattikorn Yimnirun

**Editor-in-Chief** 

Suranaree Journal of Science and Technology (SJST)

# **Advisor to The President**

Vidyasirimedhi Institute of Science and Technology (VISTEC)

Thailand

# Suranaree Journal of Science and Technology (Suranaree J. Sci. Technol. : SJST)

http://ird.sut.ac.th/e-journal

Owner: Suranaree University of Technology (SUT), Thailand





# **Editors**

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(Suranaree J. Sci. Technol.: SJST)

Suranaree Journal of Science and Technology is a quarterly official publication of the Suranaree University of Technology. Suranaree J. Sci. Technol. is a peer-reviewed open-access journal ranked in Tier 1 by Thai Journal Citation Index Centre (TCI) since 2015. Volume 1 - 10 (1994 - 2003) are available only in hard copy. You may request a copy from Editorial Office. Articles since volume 11 (2004) are available online.

► Journal abbreviation : Suranaree J. Sci. Technol.

►ISSN: 0858-849X (print)

**E-ISSN**: 2587-0009 (online)





(Suranaree J. Sci. Technol.: SJST)

#### Indexing:

- Suranaree J. Sci. Technol. has been indexed in
  - Thai-Journal Citation Index Centre: TCI (since 2010)
  - ASEAN Citation Index : ACI (since 2014)
  - EBSCO Host: EBSCO (since 2009)
  - Web of Science: Emerging Sources: ESCI (since 2017)
  - Scopus (since 2018)





(Suranaree J. Sci. Technol.: SJST)

#### AIMS AND SCOPE

- The journal aims to provide a medium for the dissemination of <u>advances in engineering</u>, <u>science</u>, <u>agricultural technology</u>, <u>medicine and public health</u>, <u>and related technology</u>. All contributions that have not been published in other journals, reports, proceedings or other types of publications are welcomed. Contributions are accepted only in English and may be research papers, short communications, or review articles
- Continuing efforts have been made by the editorial board members to maintain the high quality of the journal by single-blind peer-review in careful and fair manner. A special attention has been focused therefore on the novelty and readers' benefit together with practical applicability if necessary. All the accepted manuscripts are edited by a specialist who is a native and professionally-educated English speaker.





(Suranaree J. Sci. Technol.: SJST)

#### Publication and Access Charges:

There are no charges to submit and publish all types of articles. Full articles in pdf format can be downloaded freely from the journal website.





# The TCI-TSRI-Scopus Collaboration Project

2017-2022 and 2023-2026

by

Prof. Dr. Narongrit Sombatsompop

Head of Thai-Journal Citation Index (TCI) Centre

March 16<sup>th</sup>, 2023







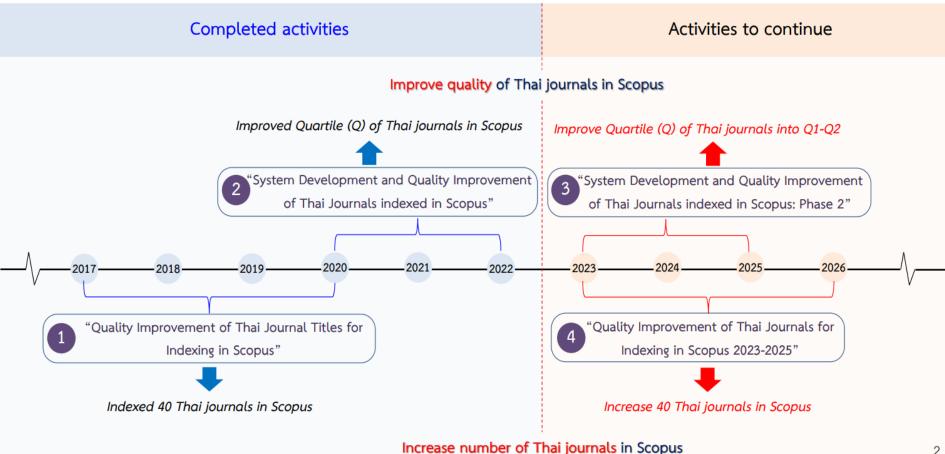






#### The TCI-TSRI-Scopus Collaboration Project, Phases 1-2 (2017-2022)

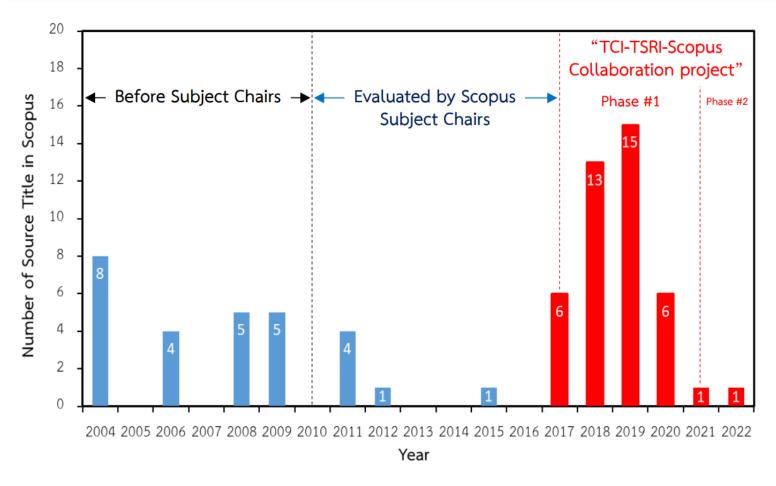






# Thai journals coverage in Scopus (as of December 2022)

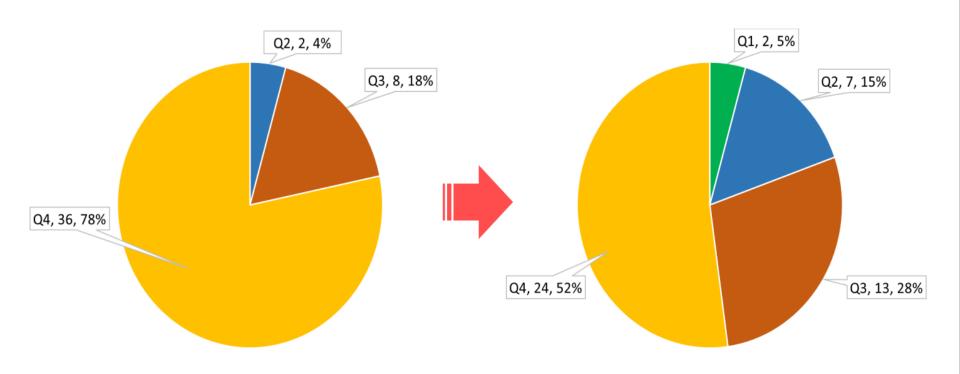






## Quartiles by CiteScore of Thai Journals in Scopus (as of January, 2023)



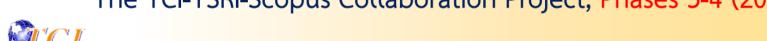


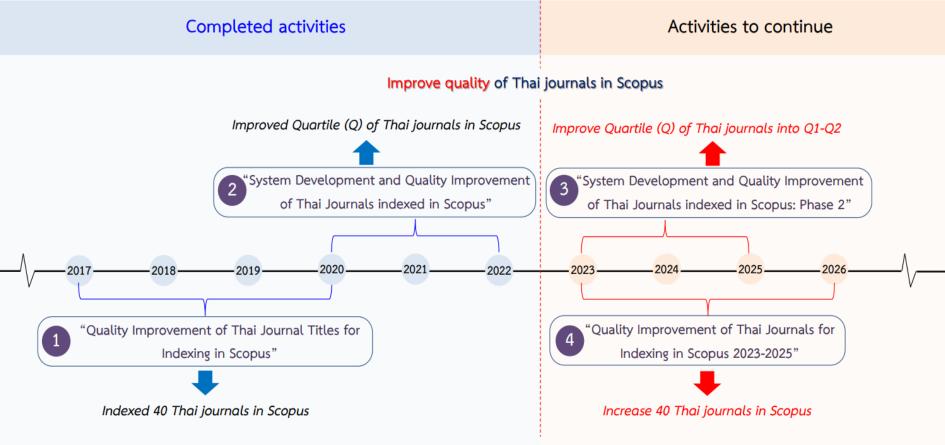
Quartile by CiteScore before 2020

Quartile by CiteScore in 2022



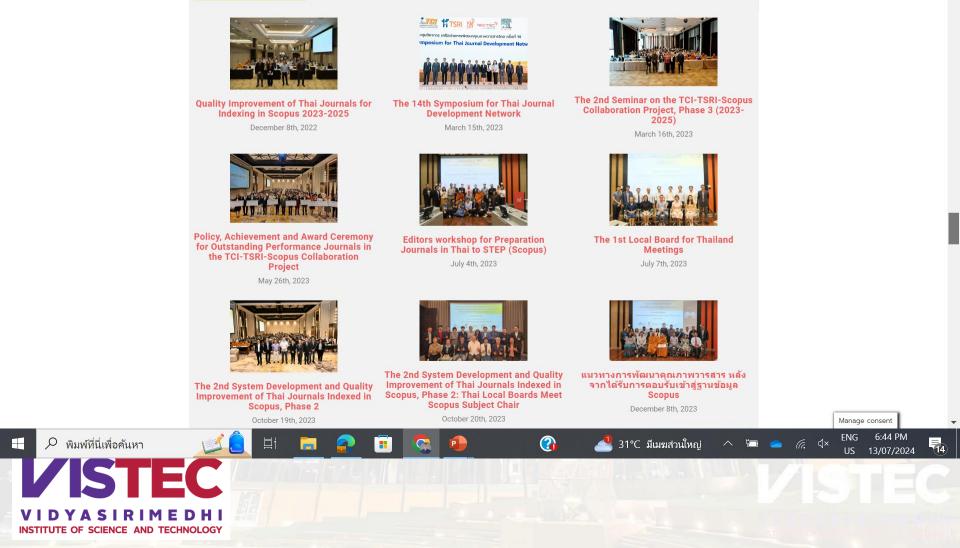
#### The TCI-TSRI-Scopus Collaboration Project, Phases 3-4 (2023-2026)











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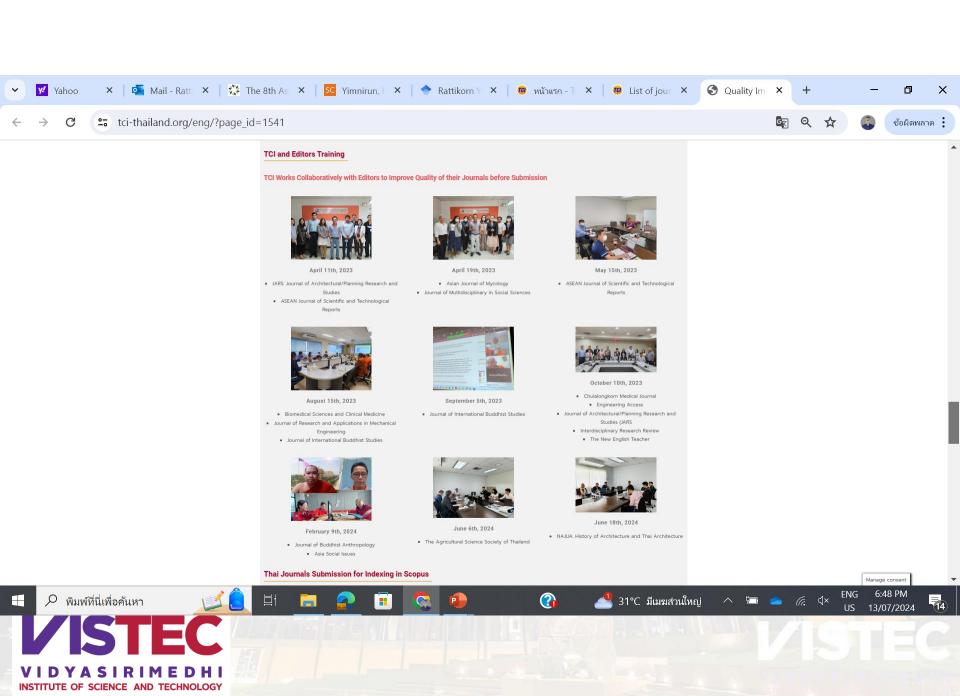
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**Editors Workshop** 













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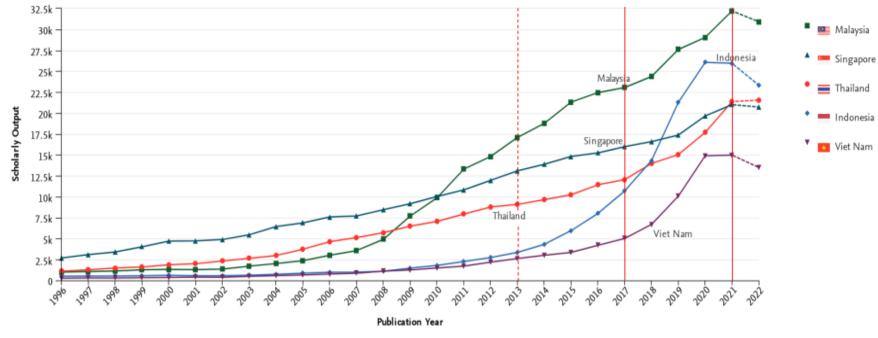


Source title	Quartile before 2020	Quartile in 2022
ABAC Journal	Q3	Q1
PASAA	Q4	Q1
Kasetsart Journal of Social Sciences	Q2	Q2
Journal of Urban Culture Research	Q4	Q2
LEARN Journal: Language Education and Acquisition Research Network	Q4	Q2
Agriculture and Natural Resources	Q2	Q2
rEFLections	N/A	Q2
Journal of Population and Social Studies	Q3	Q2
Journal of Mekong Societies	N/A	Q2
Songklanakarin Journal of Science and Technology	Q3	Q3
Engineering Journal	Q3	Q3
Chiang Mai Journal of Science	Q4	Q3
Nakhara: Journal of Environmental Design and Planning	N/A	Q3
Pacific Rim International Journal of Nursing Research	Q4	Q3
Tropical Natural History	Q3	Q3
Engineering and Applied Science Research	Q4	Q3
Walailak Journal of Science and Technology	Q3	Q3
Applied Science and Engineering Progress	Q4	Q3
Environment and Natural Resources Journal	Q4	Q3
Asia-Pacific Journal of Science and Technology	Q4	Q3
Veterinary Integrative Sciences	N/A	Q3
Journal of Behavioral Science	Q4	Q3

Source title	Quartile before 2020	Quartile in 2022
Current Applied Science and Technology	Q4	Q4
ECTI Transactions on Electrical Engineering, Electronics, and Communications	Q4	Q4
Journal of Health Science and Medical Research	N/A	Q4
Journal of Metals, Materials and Minerals	Q4	Q4
Science and Technology Asia	Q4	Q4
Thai Journal of Veterinary Medicine	Q3	Q4
Manusya	Q4	Q4
Pharmaceutical Sciences Asia	Q4	Q4
Science, Engineering and Health Studies	Q4	Q4
Thailand Statistician	Q4	Q4
Applied Environmental Research	Q4	Q4
Humanities, Arts and Social Sciences Studies	N/A	Q4
Siriraj Medical Journal	Q4	Q4
GMSARN International Journal	Q4	Q4
Journal of Fisheries and Environment	Q4	Q4
International Journal of Agricultural Technology	Q4	Q4
Journal of the Medical Association of Thailand	Q3	Q4
Journal of Current Science and Technology	N/A	Q4
ECTI Transactions on Computer and Information Technology	Q4	Q4
Thai Journal of Obstetrics and Gynaecology	Q4	Q4
Thailand and the World Economy	N/A	Q4
Journal of Public Health and Development	N/A	Q4
Southeast Asian Journal of Economics	Q4	Q4
Suranaree Journal of Science and Technology	Q4	Q4







#### ↑ Metrics details

y-axis: Scholarly Output 
Types of publications included: Articles and reviews.

x-axis: Publication Year
incomplete year

Note: Metrics for incomplete years can vary more over time than for the complete years.

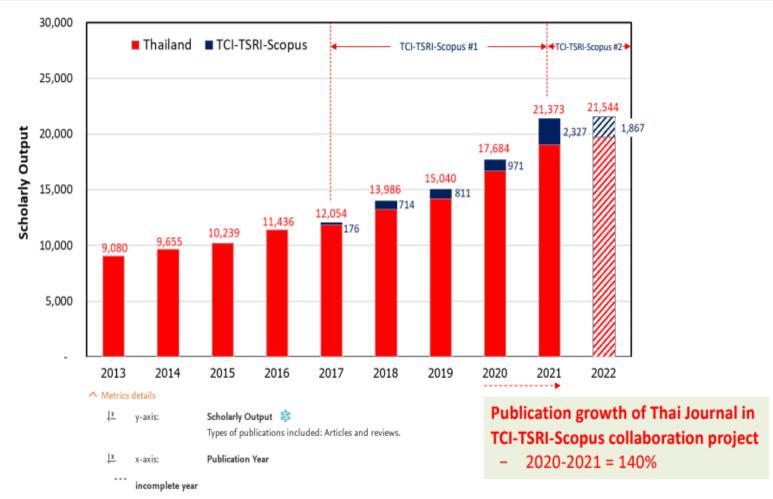
#### Thailand publication growth

- 2013-2017 = 33%
- 2017-2021 = 77%











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## 45 Journals Selected for The Third Phase: 2023-2026

No.	Source Title	Owner	Group
1	Archives of Allied Health Sciences	Faculty of Associated Medical Sciences, Khon Kaen University	Internationality
2	Area Based Development Research Journal	Institute of Research and Innovation, Walailak University	Uniqe & local
3	ASEAN Journal of Education	Research and Development Institute, Suan Dusit University	ASEAN & Asian
4	ASEAN Journal of Rehabilitation Medicine	Thai Rehabilitation Medicine Association and The Royal College of Physiatrists of Thailand	ASEAN & Asian
5	ASEAN Journal of Scientific and Technological Reports	Research and Development Institute, Thaksin University	Internationality
6	Asia Social Issues	College of Graduate Studies, Walailak University	ASEAN & Asian
7	Asian Journal of Arts and Culture	Center for Cultural and Sports Promotion, Walailak University	Uniqe & local
8	Asian Journal of Mycology	Center of Excellence in Fungal Research, Mae Fah Luang University	Internationality
9	Asian Medical Journal and Alternative Medicine	Faculty of Medicine, Thammasat University	Internationality
10	Biomedical Sciences and Clinical Medicine	Faculty of Medicine, Chiang Mai University	Internationality
11	Burapha Science Journal	Faculty of Science, Burapha University	Internationality
12	Chiang Mai Dental Journal	Faculty of Dentistry, Chiang Mai University	Internationality
13	Chulalongkorn Medical Journal	Faculty of Medicine, Chulalongkorn University	Internationality
14	Engineering Access	Faculty of Engineering, Mahasarakham University	Internationality
15	Human Behavior, Development and Society	Institute for Interdisciplinary Studies, Asia-Pacific International University	Internationality
16	Interdisciplinary Research Review	Research and Development Institute, Nakhon Pathom Rajabhat University	Internationality
17	Journal of Architectural/Planning Research and Studies	Faculty of Architecture and Planning, Thammasat University	Internationality
18	Journal of Arts and Thai Studies	Faculty of Arts, Silpakorn University	Uniqe & local
19	Journal of Food Health and Bioenvironmental Science	Research and Development Institute, Suan Dusit University	Internationality
20	Journal of International Buddhist Studies	Buddhist Research Institute of Mahachulalongkornrajavidyalaya University	Uniqe & local

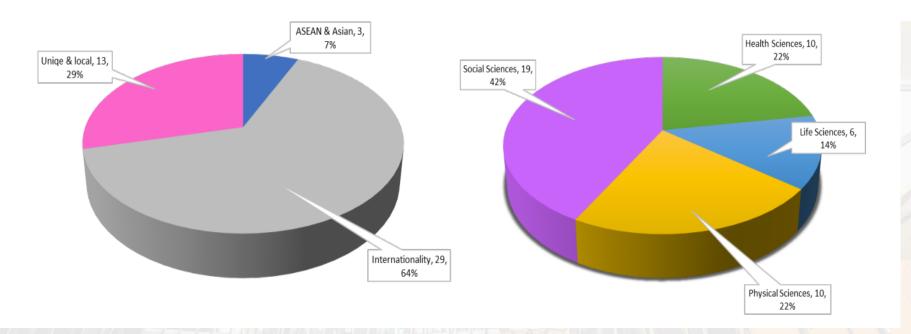


No.	Source Title	Owner	Group
21	Journal of Multidisciplinary in Social Sciences	Research and Development Institute, Suan Dusit University	Internationality
22	Journal of Renewable Energy and Smart Grid Technology	School of Renewable Energy Technology and Smart Grid Technology, Naresuan University	Internationality
23	Journal of Research and Applications in Mechanical Engineering	Thai Society of Mechanical Engineers (TSME), Thammasat University	Internationality
24	Journal of Social Science and Buddhistic Anthropology	Wat Wang Tawan Tok temple, Nakhon Si Thammarat	Uniqe & local
25	Journal of Studies in the English Language	Faculty of Liberal Arts, Thammasat University	Internationality
26	Journal of Thai Studies	Institute of Thai Studies, Chulalongkorn University	Uniqe & local
27	Journal of Thai Traditional and Alternative Medicine	Department of Thai Traditional and Complementary Medicine, Ministry of Public Health	Uniqe & local
28	Journal of Thailand Nursing and Midwifery Council	Thailand Nursing and Midwifery Council	Internationality
29	KMUTT Research and Development Journal	King Mongkut's University of Technology Thonburi	Internationality
30	Mahidol Music Journal	College of Music, Mahidol University	Uniqe & local
31	Maritime Technology and Research	Faculty of International Maritime Studies, Kasetsart University	Internationality
32	NAJUA: History of Architecture and Thai Architecture	Faculty of Architecture, Silpakorn University	Uniqe & local
33	Naresuan University Journal: Science and Technology	The Graduate School, Naresuan University	Internationality
34	Outbreak, Surveillance, Investigation & Response	Department of Disease Control, Ministry of Public Health	Internationality
35	Prajñ <b>ā</b> Vih <b>ā</b> ra: Journal of Philosophy and Religion	Graduate School of Philosophy and Religion, Assumption University	Uniqe & local
36	Ramathibodi Nursing Journal	Faculty of Medicine Ramathibodi Hospital	Internationality
37	Rangsit Music Journal	Rangsit University Conservatory of Music	Uniqe & local
38	Srinakharinwirot Science Journal	Faculty of Science, Srinakharinwirot University	Internationality
39	Suranaree Journal of Social Science	Institute of Social Technology, Suranaree University of Technology	Internationality
40	Thai Forest Ecological Research Journal	Faculty of Forestry, Kasetsart University	Uniqe & local





No.	Source Title	Owner	Group
41	Thai Journal of Agricultural Science	The Agricultural Science Society of Thailand	Internationality
42	2 Thai Rice Research Journal Division of Rice Research and Development, Rice Department, Ministry of Agriculture and Cooperatives		Uniqe & local
43	The New English Teacher	School of Arts, Assumption University	Internationality
44	The Thailand Natural History Museum Journal	Natural History Museum, National Science Museum, Thailand	Internationality
45	Thoughts	Department of English, Faculty of Arts, Chulalongkorn University	Internationality





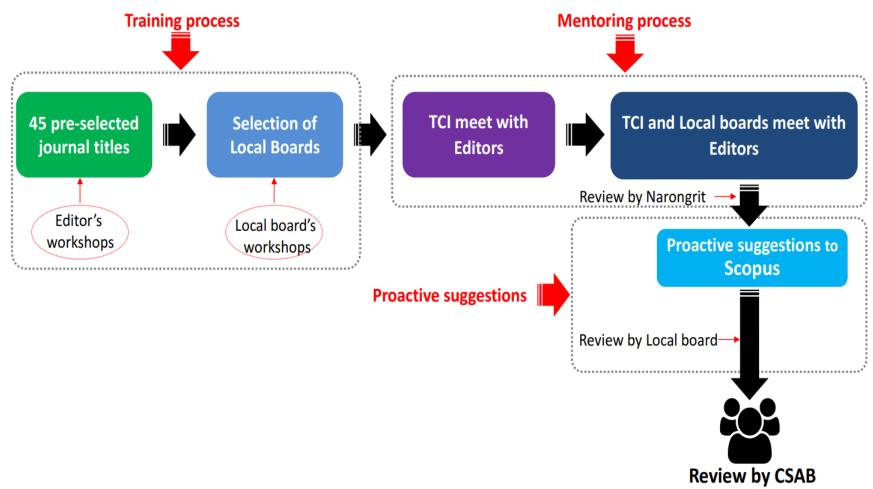


ลำดับ	หน่วยงานเจ้าของวารสาร	จำนวนวารสาร
1	Chulalongkorn University	3
2	Suan Dusit University	3
3	Thammasat University	3
4	Walailak University	3
5	Assumption University	2
6	Chiang Mai University	2
7	Kasetsart University	2
8	Mahidol University	2
9	Ministry of Public Health, Thailand	2
10	Naresuan University	2
11	Silpakorn University	2
12	Asia-Pacific International University	1
13	Burapha University	1
14	Khon Kaen University	1
15	King Mongkut's University of Technology Thonburi	1
16	Mae Fah Luang University	1
17	Mahachulalongkornrajavidyalaya University	1
18	Mahasarakham University	1
19	Ministry of Agriculture and Cooperatives, Thailand	1
20	Nakhon Pathom Rajabhat University	1

ลำดับ	หน่วยงานเจ้าของวารสาร	จำนวนวารสาร
21	National Science Museum, Thailand	1
22	Rangsit University	1
23	Srinakharinwirot University	1
24	Suranaree University of Technology	1
25	Thai Rehabilitation Medicine Association and The Royal College of	1
	Physiatrists of Thailand	
26	Thai Society of Mechanical Engineers (TSME)	1
27	Thailand Nursing and Midwifery Council	1
28	Thaksin University	1
29	The Agricultural Science Society of Thailand	1
30	Wat Wang Tawan Tok temple, Nakhon Si Thammarat	1
	รวม	45









# Scopus Titles Selection Criteria



Category	Criteria	
	Convincing editorial policy	
Journal Policy	Type of peer review	
Journal Policy	Diversity in geographical distribution of editors	
	Diversity in geographical distribution of authors	
	Academic contribution to the field	
Content	<u>Clarity of abstracts</u>	
Content	Quality of and conformity to the stated aims and scope of the journal	
	Readability of articles	
Journal Standing	Citedness of journal articles in Scopus	
Journal Standing	Editor standing	
Regularity	No delay in the publication schedule	
	Full journal content available online	
Online Availability	English language journal home page available	
	Quality of journal home page	



## Minimum Criteria



Titles will only be considered for evaluation if they meet the following minimum criteria:

- The title should publish <u>peer reviewed content</u>.
- The title should be published on a regular basis (i.e. have an ISSN confirmed by the ISSN International Centre). To register an ISSN, please <u>visit this page</u>.
- The title should have English language abstracts and article titles.
- The title should have a publication ethics and publication malpractice statement in the English language on its website.



## Publication standards



- Website
- 2. Name of journal
- 3. Peer review process
- 4. Ownership and management
- 5. Governing body
- 6. Editorial team/contact information
- 7. Copyright and Licensing
- 8. Author fees
- Process for identification of and dealing with allegations of research misconduct

- 10. Publication Ethics
- 11. Publishing schedule
- 12. Access
- 13. Archiving
- 14. Revenue sources
- 15. Advertising
- 16. Direct marketing

https://suggestor.step.scopus.com/suggestTitle/step1.cfm



#### Performance Evaluation of

46 journals in the Project : Year 1-2

January 2021 – November 2022

by

Dr. Nongyao Sripromsuk

December 7<sup>th</sup>, 2022









#### List of 46 journals in the Project

N o.	Source Title	Scopus Coverage year
1	ABAC Journal	2018 - Present
2	Agriculture and Natural Resources	2014, 2016 - Present
3	Applied Environmental Research	2019 - Present
4	Applied Science and Engineering Progress	2019 - Present
5	Asia-Pacific Journal of Science and Technology	2017 - Present
6	Chiang Mai Journal of Science	2008 - Present
7	Current Applied Science and Technology	2017 - Present
8	ECTI Transactions on Computer and Information Technology	2018 - Present
9	ECTI Transactions on Electrical Engineering, Electronics, and Communications	2011 - Present
10	Engineering and Applied Science Research	2017 - Present
11	Engineering Journal	2009 - Present
12	Environment and Natural Resources Journal	2017 - Present
13	GMSARN International Journal	2017 - 2023
14	Humanities, Arts and Social Sciences Studies	2019 - Present
15	International Journal of Agricultural Technology	2018 - Present
16	Journal of Behavioral Science	2018 - Present

Data from Scopus,	as	of Nov	30 <sup>th</sup> ,	2022
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No.	Source Title	Scopus Coverage year
17	Journal of Current Science and Technology	2018 - Present
18	Journal of Fisheries and Environment	2017 - Present
19	Journal of Health Science and Medical Research	2018 - Present
20	Journal of Mekong Societies	2020 - Present
21	Journal of Metals, Materials and Minerals	2017-Present
22	Journal of Population and Social Studies	2017 - 2023
23	Journal of Public Health and Development	2020 - Present
24	Journal of the Medical Association of Thailand = Chotmaihet thangphaet	1970 - Present
25	Journal of Urban Culture Research	2019 - Present
26	Kasetsart Journal of Social Sciences	2015 - Present
27	LEARN Journal: Language Education and Acquisition Research Network	2019 - Present
28	Manusya	2019 - Present
29	Nakhara: Journal of Environmental Design and Planning	2019 - Present
30	Pacific Rim International Journal of Nursing Research	2018 - Present
31	PASAA	2019 - Present
32	Pharmaceutical Sciences Asia	2017 - Present

No.	Source Title	Scopus Coverage year
33	rEFLections	2020 - Present
34	Science and Technology Asia	2018 - Present
35	Science, Engineering and Health Studies	2018 - Present
36	Siriraj Medical Journal	2018 - Present
37	Songklanakarin Journal of Science and Technology	2006 - Present
38	Southeast Asian Journal of Economics	2019 - Present
39	Suranaree Journal of Science and Technology	2018 - Present
40	Thai Journal of Obstetrics and Gynaecology	2019 - Present
41	Thai Journal of Veterinary Medicine	2008 - Present
42	Thailand and the World Economy	2018 - Present
43	Thailand Statistician	2017 - Present
44	Tropical Natural History	2017 - Present
45	Veterinary Integrative Sciences	2018 - Present
46	Walailak Journal of Science and Technology *Trends in Sciences	2012 to 2021; 2021 to Present

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# **Achievements from the TCI-TSRI-Scopus Collaboration Project, Phase 2**

# Output

Total no. of committed papers in 2021+2022 3,147+3,610 = 6,757

2021 Papers in <u>Scopus</u> (as of Nov 30, 2022) 3,324 (106%)

2022 Papers in <u>Scopus</u> (as of Nov 30, 2022) 3,022 (84%) Thai Papers in Scopus in 2021 2,268

Thai Papers in Scopus in 2022

TOTAL **6,595 4,074** 

จำนวนบทความที่ยัง ไม่ครบตามที่ committed ไว ัคือ 6,757-6,595 = 162 บทความ





# Performances of 48 Thai journals in **Scopus and SciVal** January 2023 - July 1st, 2024

by **Dr. Nongyao Sripromsuk Pinmanas Bucha** 

July 3<sup>rd</sup>, 2024









## **Scopus Coverage Years of the 48 journals in the Project**

No	Source Title	Scopus Coverage year*
1	ABAC Journal	2018-2024
2	Agriculture and Natural Resources	2014, 2016 - 2024
3	Applied Environmental Research	2019 - 2024
4	Applied Science and Engineering Progress	2019 - 2024
5	Asia-Pacific Journal of Science and Technology	2017 - 2024
6	Chiang Mai Journal of Science	2008 - 2024
7	(Chiang Mai University Journal of Natural Sciences)	(2003, 2006, 2009 – 2022)
,	Natural and Life Sciences Communication	2023-2024
8	Current Applied Science and Technology	2023 - 2024
9	ECTI Transactions on Computer and Information Technology	2017 - 2024
10	ECTI Transactions on Electrical Engineering, Electronics, and Communications	2018 - 2024
11	Engineering and Applied Science Research	2011 - 2024
12	Engineering Journal	2017 - 2024
13	Environment and Natural Resources Journal	2009 - 2024
14	GMSARN International Journal	2017 – 2025
15	Humanities, Arts and Social Sciences Studies	2017 - 2024

No	Source Title	Scopus Coverage year*
16	International Journal of Agricultural Technology	2018 - 2024
17	Journal of Associated Medical Sciences	2019 - 2024
18	Journal of Behavioral Science	2018 - 2024
19	Journal of Current Science and Technology	2018 - 2024
20	Journal of Fisheries and Environment	2017 - 2024
21	Journal of Health Science and Medical Research	2018 - 2024
22	Journal of Metals, Materials and Minerals	2017 - 2024
23	Journal of Population and Social Studies	2017 - 2024
24	Journal of Public Health and Development	2019 - 2024
25	Journal of the Medical Association of Thailand = Chotmaihet thangphaet	1970 - 2024
26	Journal of Urban Culture Research	2019 - 2024
27	<b>Kasetsart Journal of Social Sciences</b>	2015 - 2024
28	LEARN Journal: Language Education and Acquisition Research Network	2019 - 2024
29	MANUSYA: Journal of Humanities	2019 - 2024
30	Nakhara: Journal of Environmental Design and Planning	2019 - 2024
31	Pacific Rim International Journal of Nursing Research	2018 - 2024

No	Source Title	Scopus Coverage year*			
32	PASAA	2018 - 2023			
33	Pharmaceutical Sciences Asia	2017 - 2024			
34	rEFLections	2019 - 2024			
35	Science & Technology Asia	2018 - 2024			
36	Science, Engineering and Health Studies	2018 - 2023			
37	Siriraj Medical Journal	2018 - 2024			
38	Songklanakarin Journal of Science and Technology	2006 - 2024			
39	Southeast Asian Journal of Economics	2019 - 2024			
40	Suranaree Journal of Science and Technology	2018 - 2024			
41	Thai Journal of Obstetrics and Gynaecology	2019 - 2024			
42	Thai Journal of Veterinary Medicine	2008 - 2023			
43	Thailand and the World Economy	2018 - 2024			
44	Thailand Statistician	2017 - 2024			
45	Thammasat Review	2019 - 2023			
46	Trends in Sciences	2021 - 2024			
47	Tropical Natural History	2017 - 2024			
48	Veterinary Integrative Sciences	2018 - 2025			

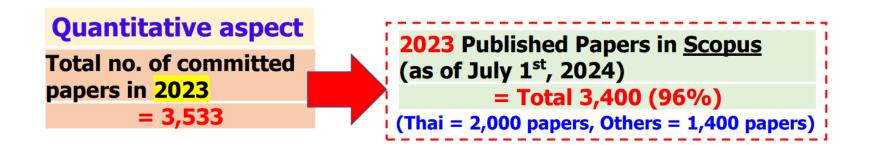
\*Data from Scopus, as of July 1st, 2024

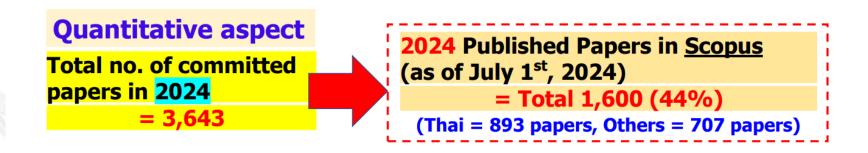


No.	Subject Area	Number of Journals by Quartile				Total
		Q1	Q2	Q3	Q4	
1	Agricultural and Biological Sciences	-	-	3	1	4
2	Arts and Humanities	4	4	1	-	9
3	Economics, Econometrics and Finance	-	-	-	1	1
4	Engineering	-	3	1	2	6
5	Environmental Science	-	-	3	1	4
6	Health Professions		1	-	1	2
7	Materials Science	-	-	1	-	1
8	Mathematics	-	-	2	-	2
9	Medicine	-	-	4	2	6
10	Multidisciplinary	-	-	5	-	5
11	Nursing	-	-	1	-	1
12	Pharmacology, Toxicology and Pharmaceutics	-	-	1	-	1
13	Social Sciences	-	2	1	1	4
14	Veterinary	-	-	2	-	2
	Total	4	10	25	9	48



## Achievements of the Project: January 2023- July 1st, 2024 (1)





Data from Scopus, as of July 1st, 2024



## Achievements of the Project: January 2023- July 1st, 2024 (2)

#### **Qualitative aspect**

Improve quartile of Thai Journals in Scopus

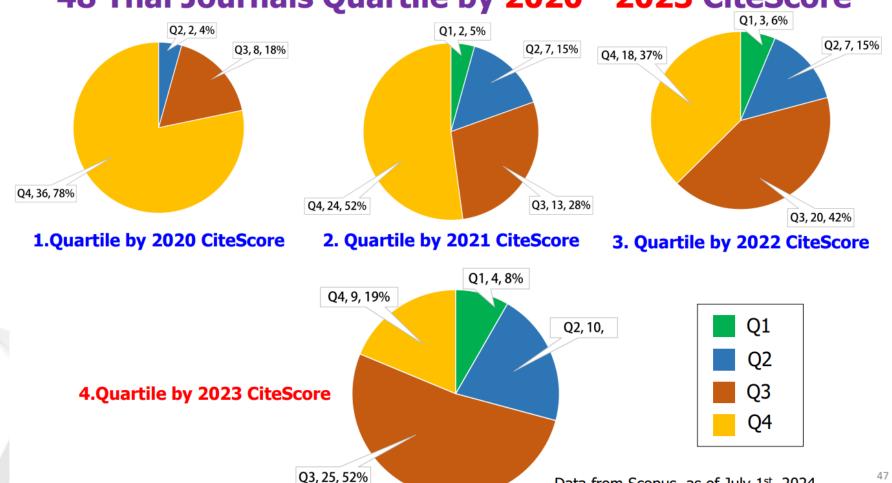


Quartile of Thai Journals*	No. of Journals (Mar 2021) (N=46)	No. of Journals (Oct 2023) (N=48)	No. of Journals (Jan/Apr 2024) (N=48)	No. of Journals (July 2024) (N=48)
Q1 (75-99%)	0	3	3	4
Q2 (50-74%)	2	7	7	10
Q3 (25-49%)	8	20	20	25
Q4 (1-24%)	27	18	18	9
N/A	9	-	-	-

\*Data from Scopus, as of July 1st, 2024



48 Thai Journals Quartile by 2020 - 2023 CiteScore



47

Data from Scopus, as of July 1st, 2024



# Project Impact

- Journal Quartile of the 48 Thai Journals is increasing over time.
- Number of Citations overall in 2023 is increasing, which will positively impact the 2023 CiteScore, the Journal Quartile and the FWCI.
- Number of Citing countries of each journal are increasing, suggesting that research papers from Thailand have higher quality and more visibility.



