

# Processes, Outputs and Lessons Learned from Thai Journal Development Project for Indexing in Scopus (2017-2024)

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**Head of Thai-Journal Citation Index (TCI) Centre**

**4<sup>th</sup> February 2025**



# TCI-TSRI-Scopus Collaboration Projects



## Completed activities

**To improve quality** of Thai research via journal quality improvement

Improved Quartile (Q) of Thai journals in Scopus  
(2020-2022)

2 "System Development and Quality Improvement of Thai Journals indexed in Scopus"

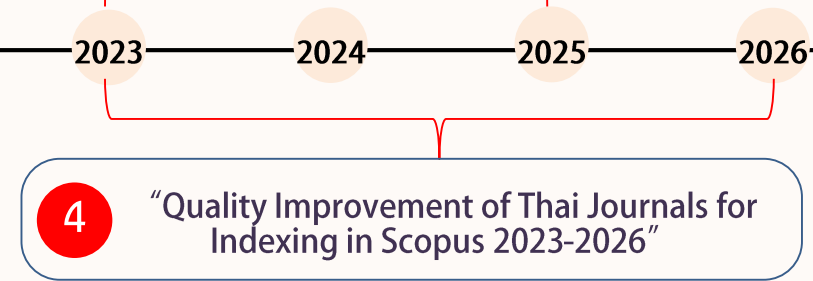


Indexed 40 Thai journals in Scopus  
(2017-2020)

## Ongoing Activities

**Continue to improve Quartile (Q) of Thai journals in Scopus**  
(2023-2025)

3 "System Development and Quality Improvement of Thai Journals indexed in Scopus: Phase 2"



**To suggest 40 Thai journals to STEP for indexing in Scopus**  
(2023-2026)

**To increase number** of Thai journals in Scopus

1

# Quality Improvement of Thai Journals for Indexing in Scopus

**2017-2020**

**(Indexed 40 Thai journals in Scopus)**

# Quality Improvement of Thai Journals for Indexing in Scopus (2017-2020)



**Funding:** 260,290 USD by Thailand Science Research and Innovation (TSRI)

**Project Period:** 36 Months

Exchange Rate = 34.577 Baht per US Dollar

## Objectives:

- 1) To improve the quality of Thai journals and proactively suggest 40 journal titles from Thailand to be considered and indexed in Scopus database during 2017-2020.
- 2) To establish a University Consortium for the subscription to the Scopus database to enhance the research performance of Thai universities.

# Quality Improvement of Thai Journals for Indexing in Scopus (2017-2020)



## Outputs:

42 High potential editors and their team (from 23 institutions) and 31 well-trained and experienced local boards (from 13 institutions)

The turnaround time reduced from 16 months to 24 days on average.

42 Journals were accepted for indexing in Scopus (100% acceptance ratio)



# List of Thai journals accepted for indexing in Scopus (2017-2020)



No.	Source Title	Accepted Year	Turnaround time (days)
1	Thailand Statistician	2017	72
2	Tropical Natural History	2017	43
3	Environment and Natural Resources Journal	2017	13
4	Journal of Metals, Materials and Minerals	2017	11
5	GMSARN International Journal	2017	35
6	Journal of Population and Social Studies	2017	3
7	Pharmaceutical Sciences Asia	2018	32
8	Engineering and Applied Science Research	2018	8
9	Suranaree Journal of Science and Technology	2018	8
10	ABAC Journal	2018	22
11	The Journal of Behavioral Science	2018	25
12	Siriraj Medical Journal	2018	57
13	Asia-Pacific Journal of Science and Technology	2018	13
14	International Journal of Agricultural Technology	2018	9
15	ECTI Transactions on Computer and Information Technology	2018	56
16	Pacific Rim International Journal of Nursing Research	2018	11
17	Science & Technology Asia	2018	19
18	PASAA	2018	20
19	Journal of the Siam Society	2018	19
20	Current Applied Science and Technology Journal	2019	41
21	Journal of Health Research	2019	69
22	Journal of Fisheries and Environment	2019	3
23	MANUSYA, Journal of Humanities	2019	18
24	Applied Environmental Research	2019	60

# List of Thai journals accepted for indexing in Scopus (2017-2020) (cont.)



No.	Source Title	Accepted Year	Turnaround time (days)
25	Southeast Asian Journal of Economics	2019	10
26	LEARN Journal	2019	70
27	ASEAN Engineering Journal	2019	13
28	Journal of Urban Culture Research	2019	8
29	Thai Journal of Obstetrics and Gynaecology	2019	25
30	Science, Engineering and Health Studies	2019	12
31	Applied Science and Engineering Progress	2019	18
32	Humanities, Arts and Social Sciences Studies	2019	5
33	Nakhara: Journal of Environmental Design and Planning	2019	13
34	Thailand and The World Economy	2019	26
35	Journal of Health Science and Medical Research	2020	13
36	Veterinary Integrative Sciences	2020	7
37	Journal of Public Health and Development	2020	10
38	Journal of Current Science and Technology	2020	27
39	Journal of Mekong Societies	2020	43
40	rEFlection	2020	9
41	Thammasat Review	2021	3
42	Journal of Associated Medical Sciences	2022	47
Average			24



# Quality Improvement of Thai Journals for Indexing in Scopus (2017-2020)

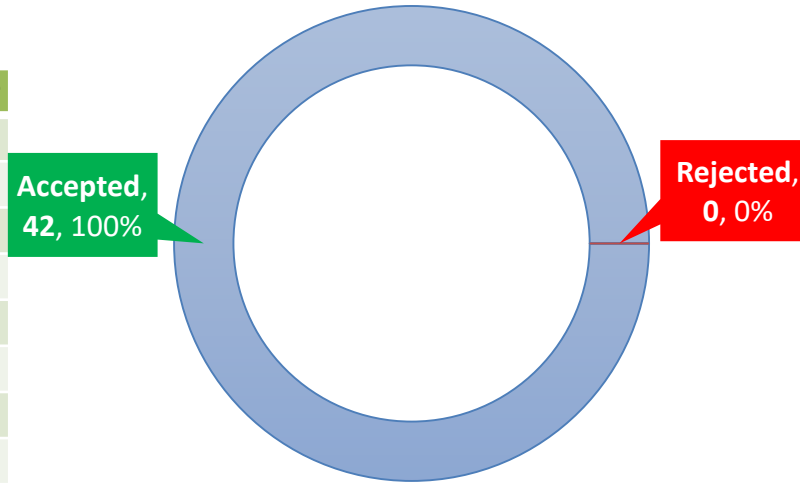


## Apr 2017 – Apr 2020 (76 Trainings)

- 7 selected editor's trainings/workshops
- 8 local board's trainings
- 56 mentoring (LB-editor) meetings
- 5 TCI editors meeting

No.	Subject area	Number
1	Arts & Humanities	7
2	Engineering	5
3	Agriculture and Biological Sciences	4
4	Health Professions	4
5	Multidisciplinary	4
6	Environmental Science	3
7	Language, Linguistics	3
8	Economics, Econometrics & Finance	2
9	Medicine	2
10	Social Sciences	2
11	Business, Management & Accounting	1
12	Computer Science	1
13	Materials Science	1
14	Mathematics	1
15	Nursing	1
16	Pharmacology	1
<b>Total</b>		<b>42</b>

**Submitted to STEP = 42 titles**



No.	Publisher/Owner	Number
1	Chulalongkorn University	9
2	Mahidol University	5
3	Thammasat University	4
4	Khon Kaen University	3
5	Chiang Mai University	2
6	Silpakorn University	2
7	Asian Institute of Technology	1
8	Association of Agricultural Technology in Southeast Asia	1
9	Assumption University	1
10	ECTI Association	1
11	Kasetsart University	1
12	King Mongkut's Institute of Technology Ladkrabang	1
13	Srinakharinwirot University	1
14	Suranaree University of Technology	1
15	Thai Statistical Association	1
16	Thailand Nursing and Midwifery Council	1
17	The Siam Society	1
18	ASEAN University Network	1
19	The Royal Thai College of Obstetricians and Gynaecologists	1
20	King Mongkut's University of Technology North Bangkok	1
21	Prince of Songkla University	1
22	Rangsit University	1
23	King Mongkut's University of Technology Thonburi	1
<b>Total</b>		<b>42</b>



2

# System Development and Quality Improvement of Thai Journals indexed in Scopus

**2020-2022**

**(Improved Quartile (Q) of Thai journals in Scopus)**

# System Development and Quality Improvement of Thai Journals indexed in Scopus (2020-2022)



**Funding:** 1,388,206 USD by Thailand Science Research and Innovation (TSRI)

**Project Period:** 24 Months

Exchange Rate = 34.577 Baht per US Dollar

## Objectives:

- 1) To develop an online system for journals in the project (called the Thailand Editorial System, ThaiES).
- 2) To increase the number of research articles by Thai researchers in the Scopus database to 1,500 articles per year or 3,000 articles after the project ends in 2022.
- 3) To upgrade the Quartile (Q) ranking of Thai journals in the Scopus database.
- 4) To promote Thai journals to be included in other international databases.

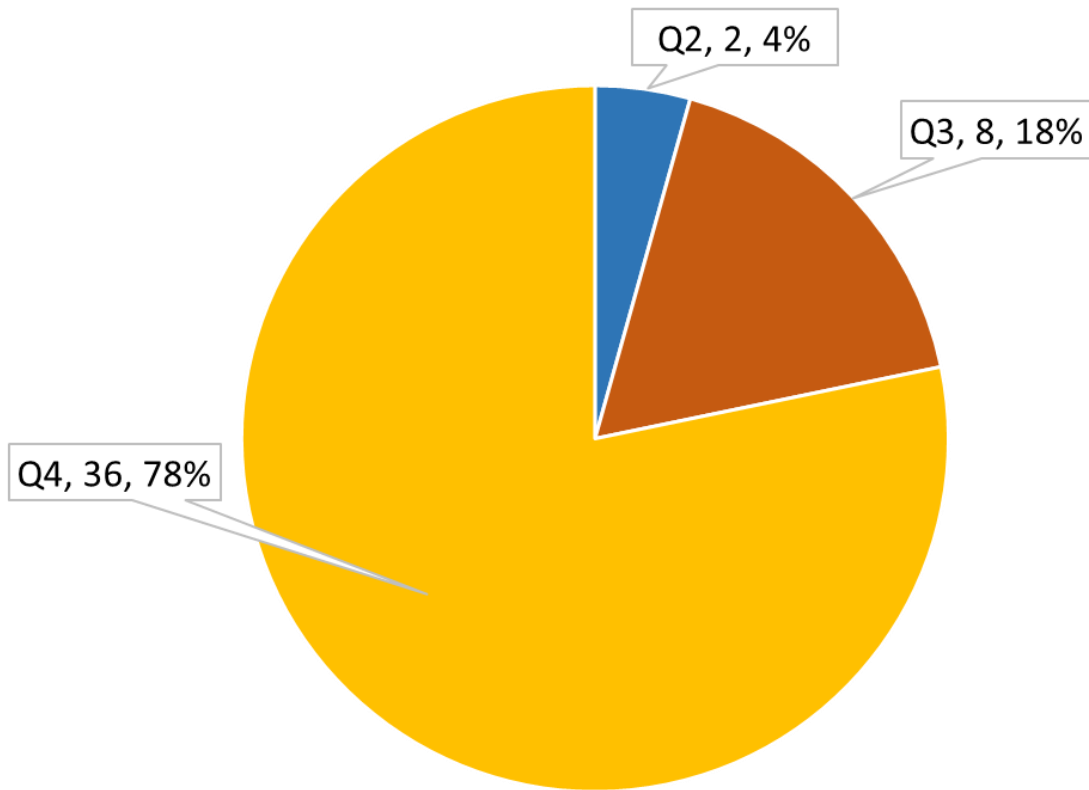
# System Development and Quality Improvement of Thai Journals indexed in Scopus (2020-2022)



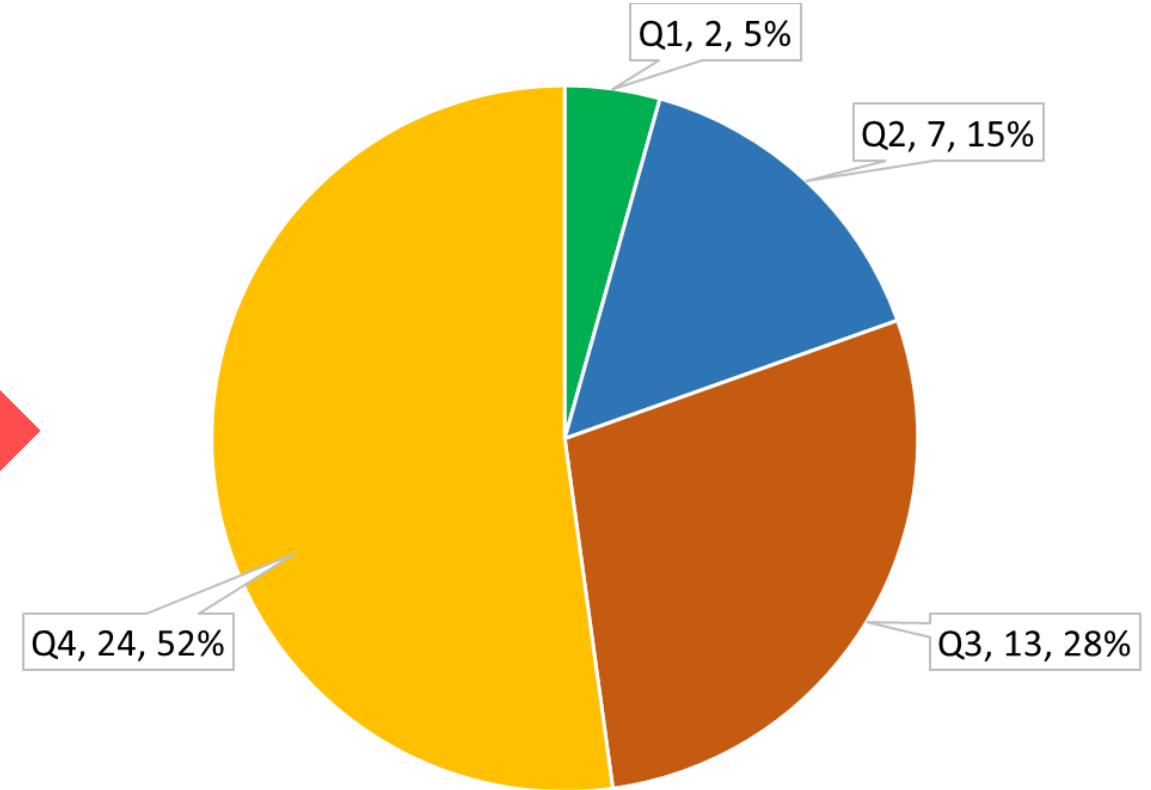
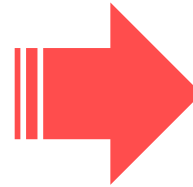
## Outputs:

1. Thailand Editorial System (ThaiES)
2. Increase the number of research articles by Thai researchers in Scopus database to 4,496 articles . (as of 21 February 2023)
3. Quartile by CiteScore of Thai journals in Scopus as of 2 January 2023 is:
  - Q1 = 2 titles (previously, there were no titles in Q1)
  - Q2 = 7 titles (previously, there were 2 titles in Q2)
  - Q3 = 13 titles (previously, there were 8 titles in Q3)
  - Q4 = 24 titles (previously, there were 27 titles in Q4 and 9 titles without Q)

# Quartile by CiteScore of Thai Journals in the 2<sup>nd</sup> project

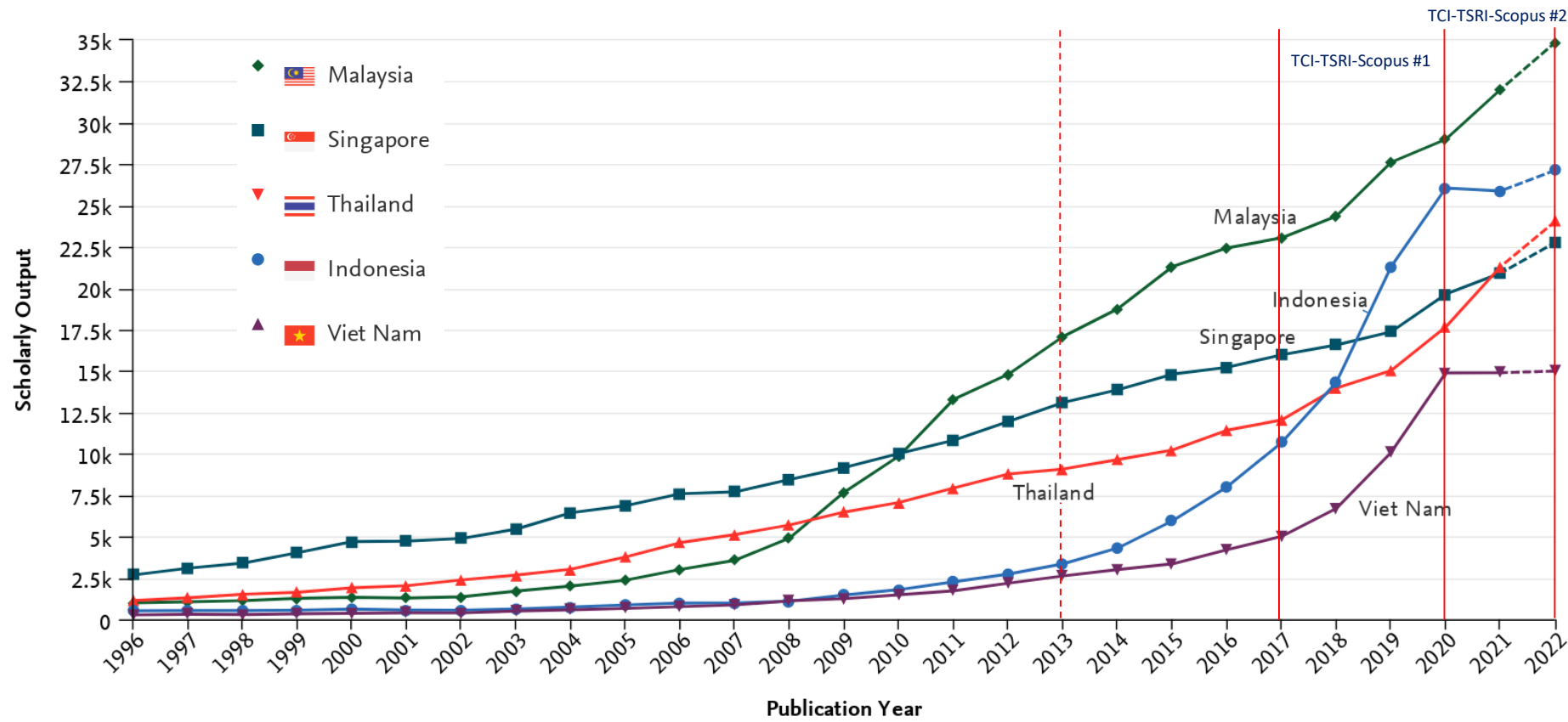


Quartile by 2020 CiteScore



Quartile by 2021 CiteScore

# Publications in Scopus from ASEAN Countries (as of 21 February 2023 from SciVal)



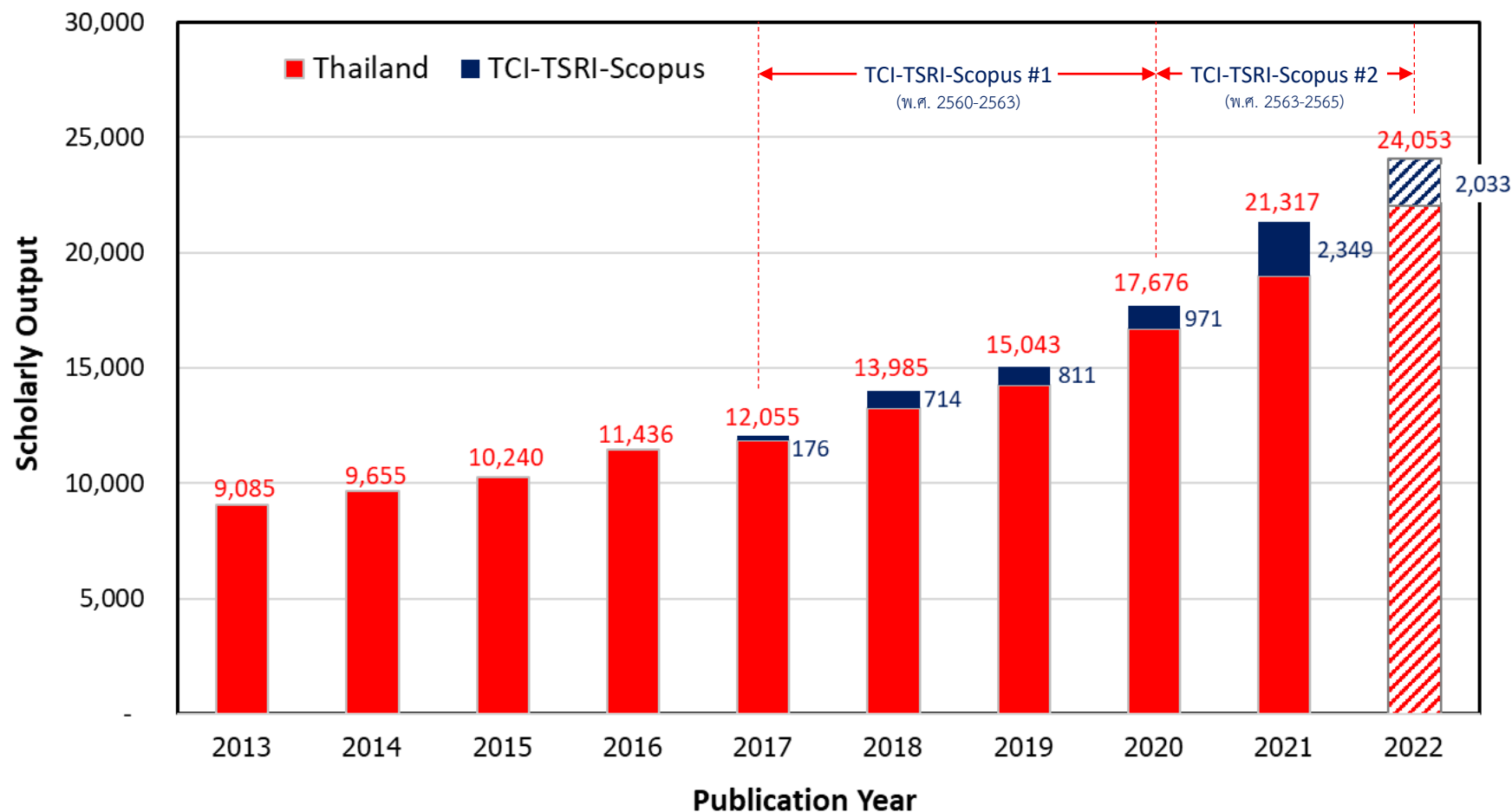
y-axis: Scholarly Output   
Types of publications included: Articles and reviews.

x-axis: Publication Year

--- incomplete year

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

# Publications in Scopus from Thailand (as of 21 February 2023)



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.

3

# System Development and Quality Improvement of Thai Journals indexed in Scopus: Phase 2

2023-2025

(Continue to improve Quartile (Q) of Thai journals in Scopus)



# System Development and Quality Improvement of Thai Journals indexed in Scopus: Phase 2 (2023-2025)



**Funding:** 1,041,155 USD by Thailand Science Research and Innovation (TSRI)

**Project Period:** 24 Months

Exchange Rate = 34.577 Baht per US Dollar

## Objectives:

- 1) To increase the number of research articles by Thai researchers in the Scopus database to 4,000 articles after the project ends.
- 2) To upgrade the Quartile (Q) ranking of Thai journals in the Scopus database to Q1-Q2 at least 15-20 titles.
- 3) To develop and maintain the Thailand Editorial System (ThaiES).
- 4) To improve the quality of Thai researchers, such as editorship, authorship, and reviewership.

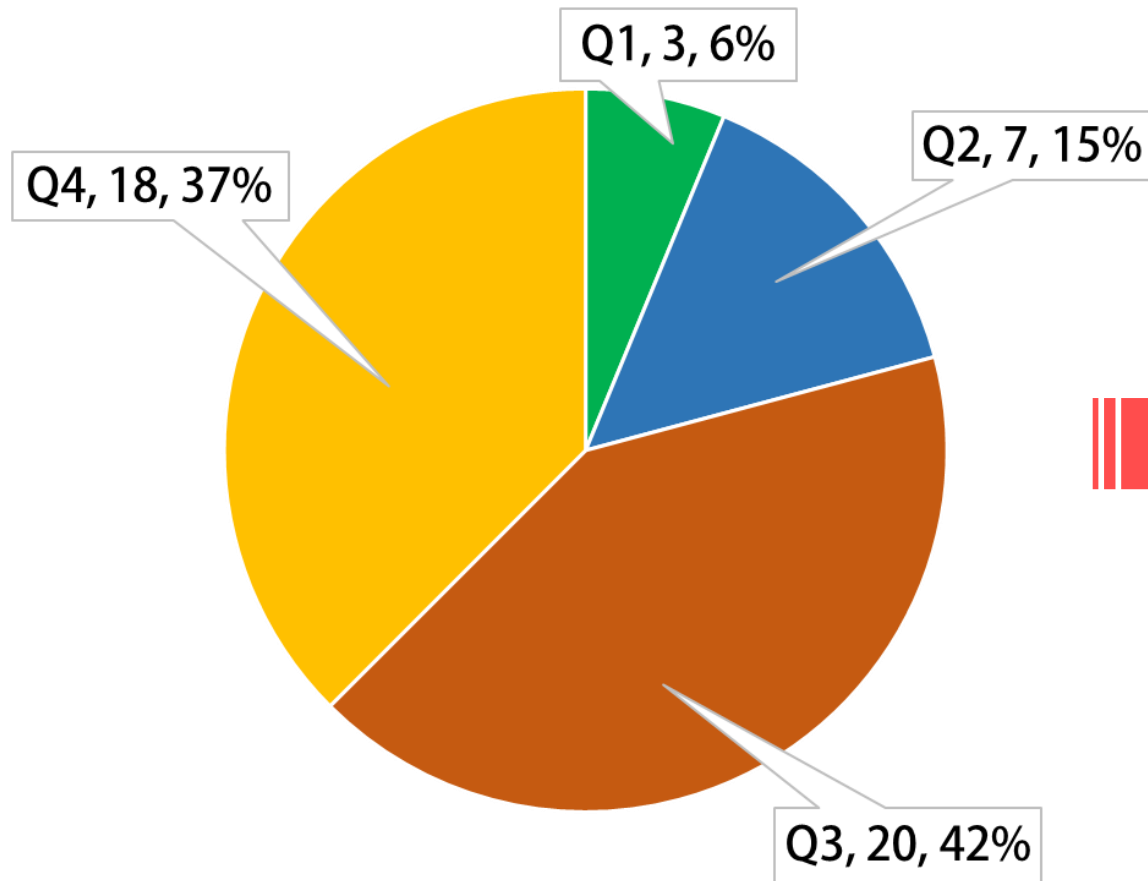
# System Development and Quality Improvement of Thai Journals indexed in Scopus: Phase 2 (2023-2025) (in 12 month)



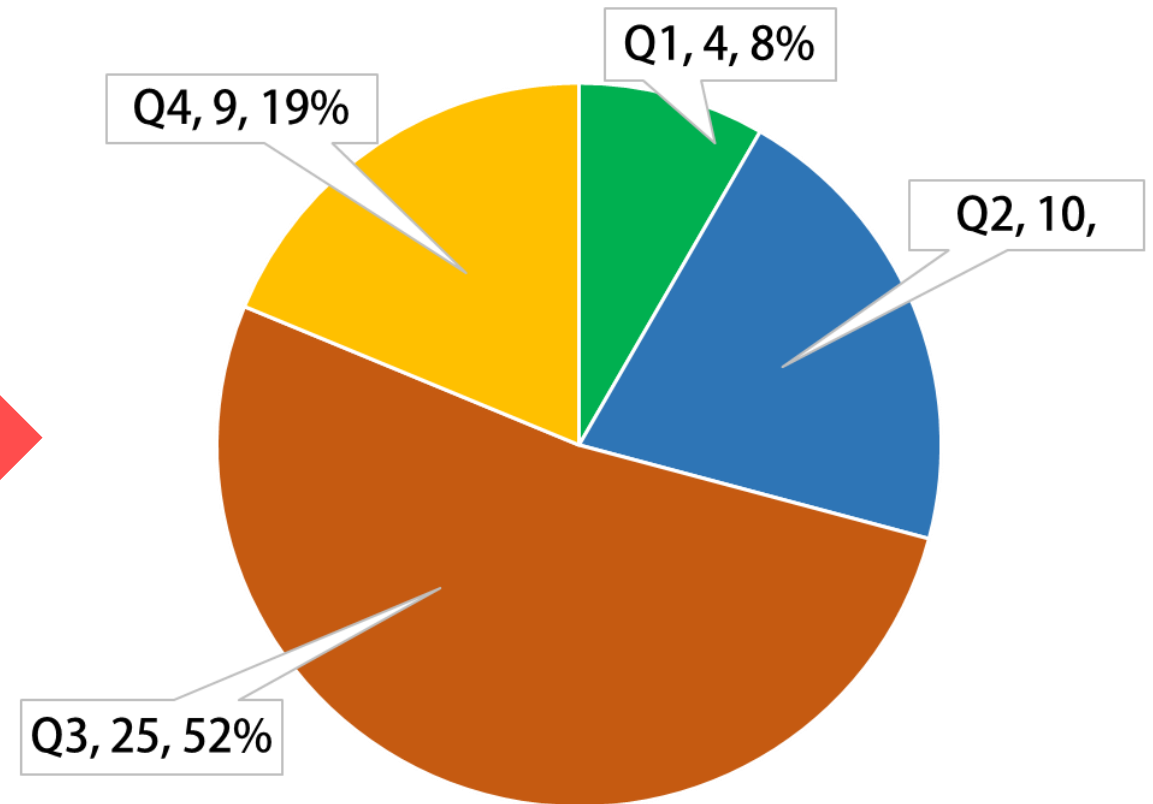
## Outputs:

1. Increase the number of research articles by Thai researchers in Scopus database to 2,017 articles. (as of 15 July 2024)
2. Quartile by CiteScore of Thai journals in Scopus as of 15 August 2024 is:
  - Q1 = 4 titles
  - Q2 = 10 titles
  - Q3 = 25 titles
  - Q4 = 9 titles
3. Thailand Editorial System (ThaiES) and the Reviewer Pool and Reviewer Finder Systems have been implemented, with a 587,472 reviewers both Thai and international experts.

# Quartile by CiteScore of Thai Journals in the 3<sup>rd</sup> project

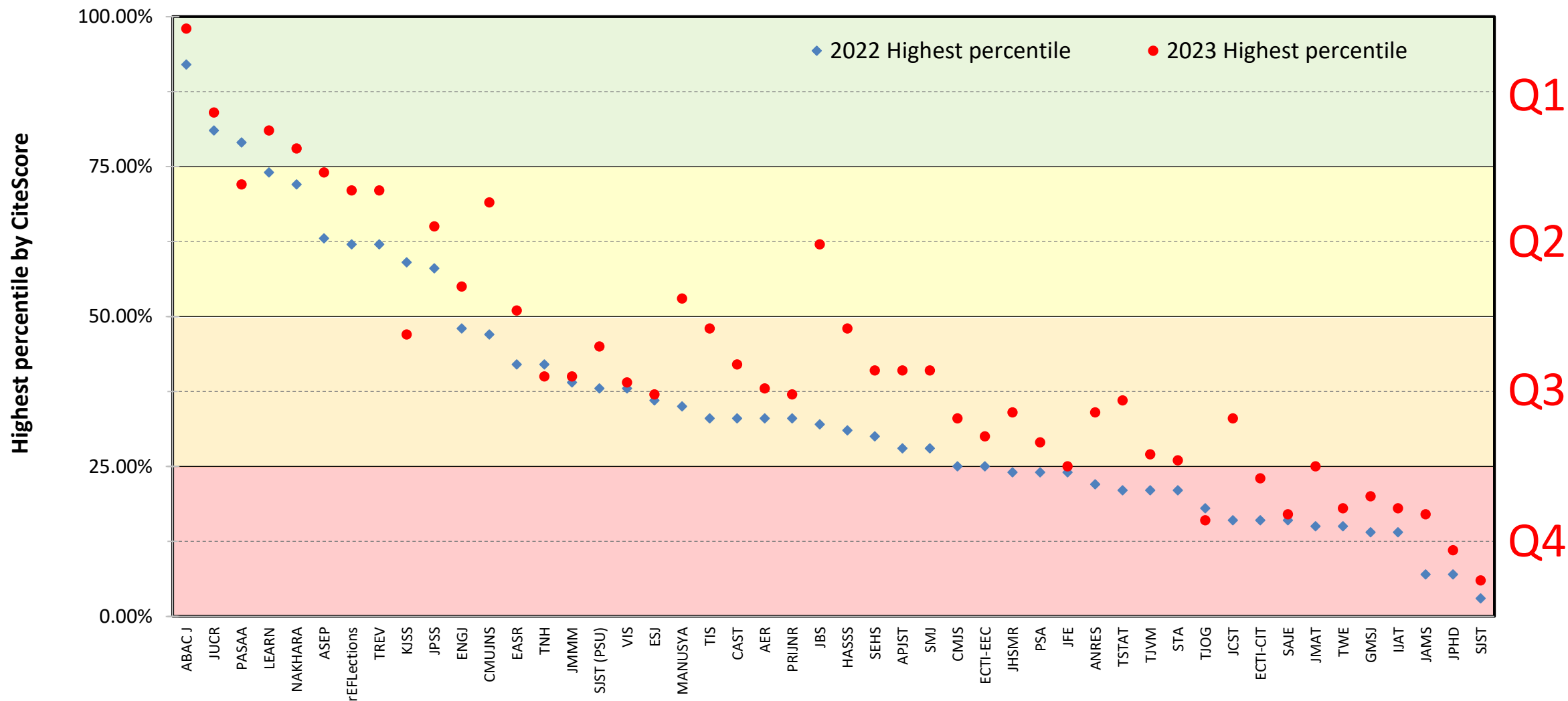


Quartile by 2022 CiteScore

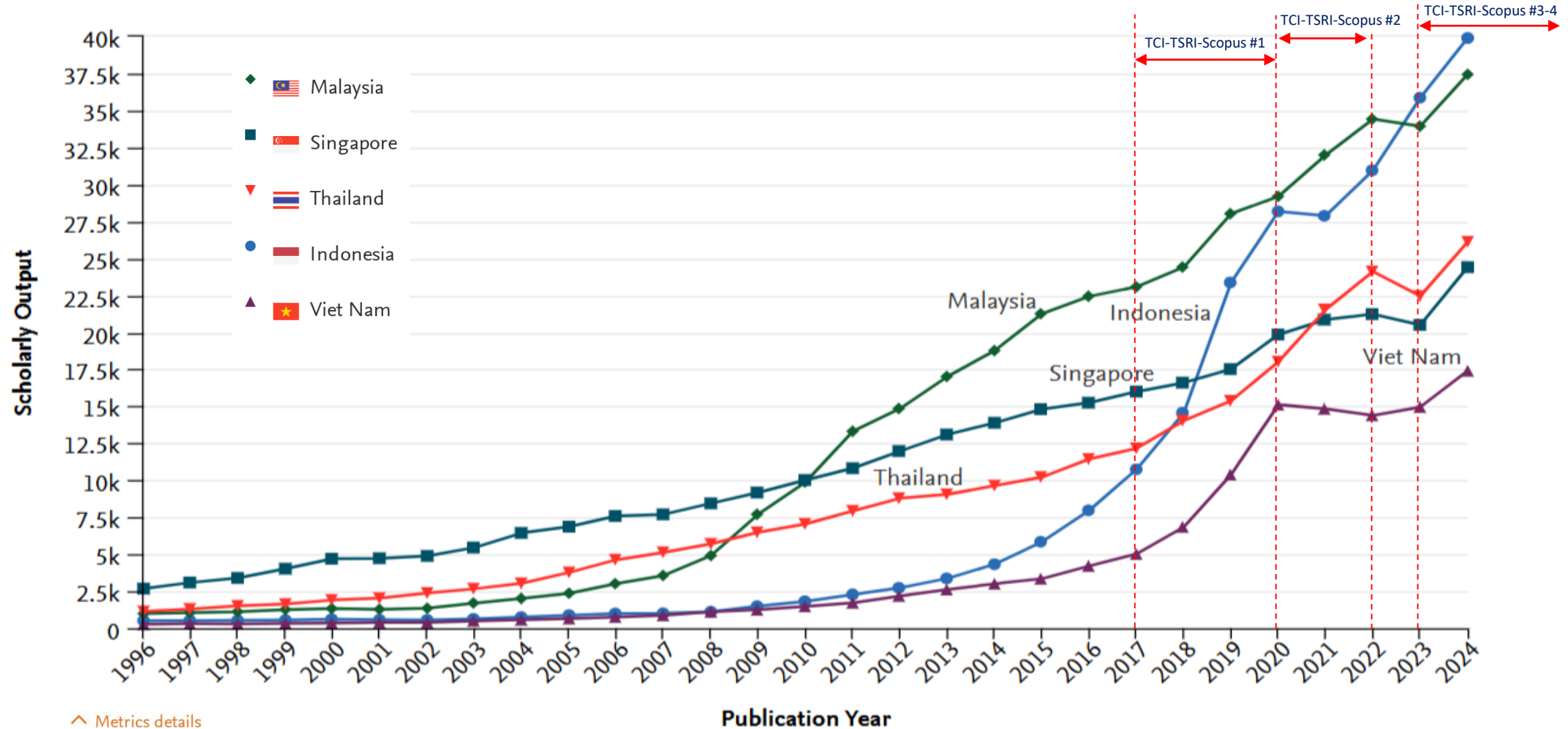


Quartile by 2023 CiteScore

# Percentile by CiteScore of Thai Journals in the 3<sup>rd</sup> project



# Publications in Scopus from ASEAN Countries (as of 27 Jan 2025 from SciVal)



Metrics details

y-axis:

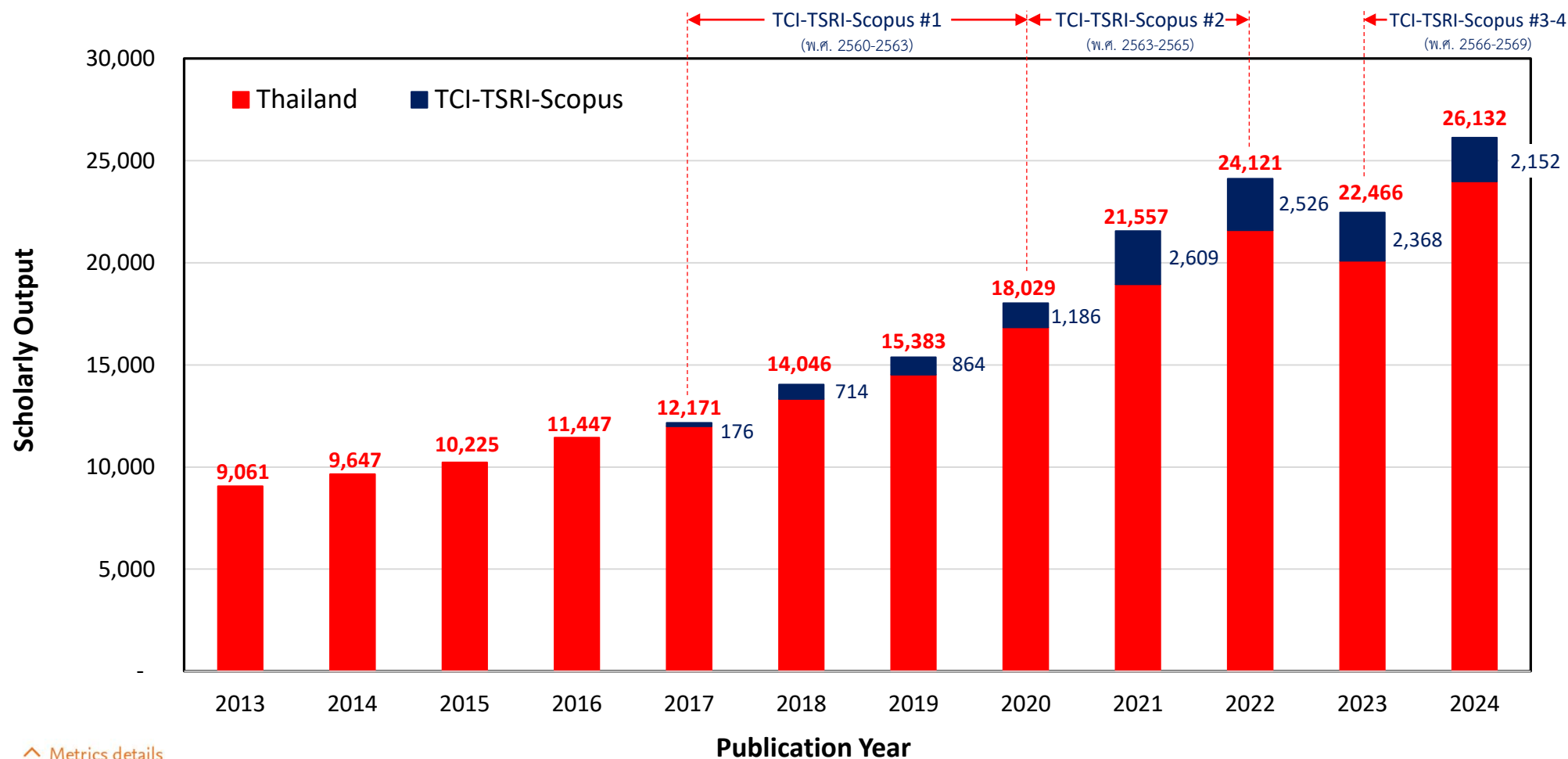
Scholarly Output

Types of publications included: Articles and reviews.

x-axis:

Publication Year

# Publications in Scopus from Thailand (as of 27 Jan 2025)



Metrics details

y-axis:

Scholarly Output

Types of publications included: Articles and reviews.

x-axis:

Publication Year

4

# Quality Improvement of Thai Journals for Indexing in Scopus

2023-2026

(To suggest 40 Thai journals to STEP for indexing in Scopus)



# Quality Improvement of Thai Journals for Indexing in Scopus (2023-2026)



**Funding:** 114,614 USD by Thailand Science Research and Innovation (TSRI)

**Project Period:** 36 Months

Exchange Rate = 34.577 Baht per US Dollar

## Objectives:

- 1) To improve the quality of Thai journals and proactively suggest 40 journal titles from Thailand to be considered and indexed in Scopus database during 2023-2026 (starting 16 March 2023).
- 2) To develop and improve the quality of Thai editors to meet international standards.

# List of Thai Journals for submitting to STEP (2023-2026)



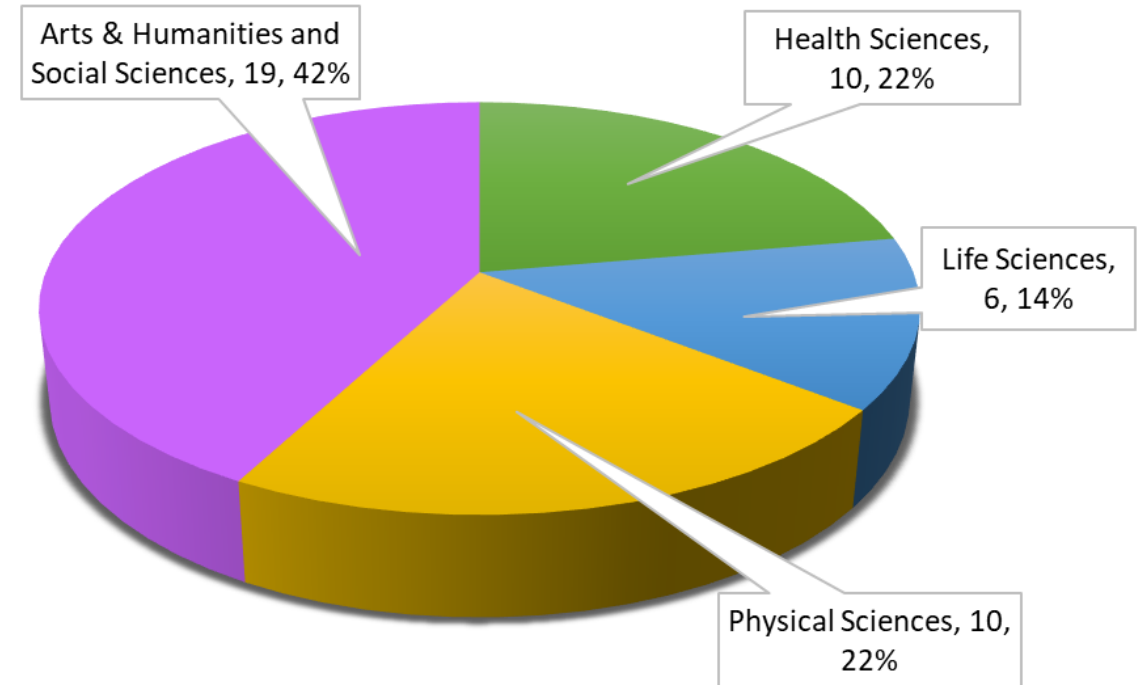
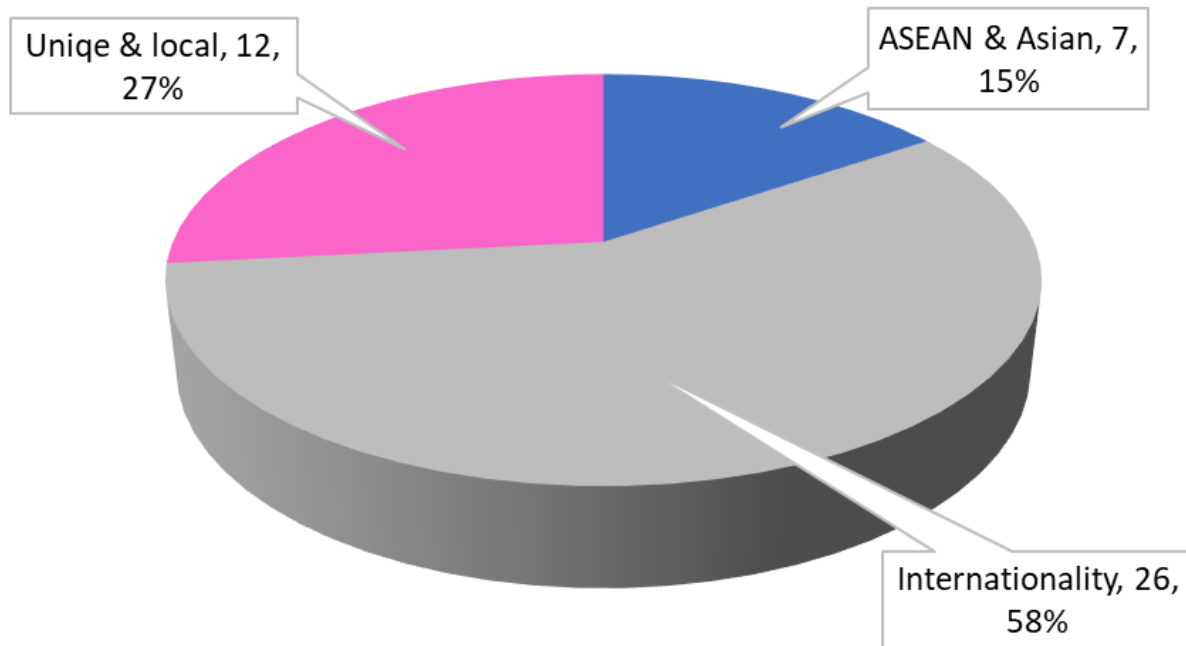
No.	Source Title	Publisher/Owner	Characteristics
1	ASEAN Journal of Education	Research and Development Institute, Suan Dusit University	ASEAN & Asian
2	ASEAN Journal of Rehabilitation Medicine (under review by CSAB)	Thai Rehabilitation Medicine Association and The Royal College of Physiatrists of Thailand	
3	ASEAN Journal of Scientific and Technological Reports (accepted)	Research and Development Institute, Thaksin University	
4	Asia Social Issues (rejected and to be resubmitted in 2026)	College of Graduate Studies, Walailak University	
5	Asian Journal of Arts and Culture (accepted)	Center for Cultural and Sports Promotion, Walailak University	
6	Asian Journal of Mycology (accepted)	Center of Excellence in Fungal Research, Mae Fah Luang University	
7	Asian Medical Journal and Alternative Medicine	Faculty of Medicine, Thammasat University	
8	Area Based Development Research Journal	Institute of Research and Innovation, Walailak University	Unique & local
9	Journal of Arts and Thai Studies (accepted)	Faculty of Arts, Silpakorn University	
10	Journal of Buddhistic Anthropology (accepted)	Temple of Wang Tawan Tok, Nakhon Si Thammarat	
11	Journal of International Buddhist Studies (accepted)	Buddhist Research Institute of Mahachulalongkornrajavidyalaya University	
12	Journal of Thai Studies	Institute of Thai Studies, Chulalongkorn University	
13	Journal of Thai Traditional and Alternative Medicine	Department of Thai Traditional and Complementary Medicine, Ministry of Public Health	
14	Mahidol Music Journal	College of Music, Mahidol University	
15	NAJUA: History of Architecture and Thai Architecture	Faculty of Architecture, Silpakorn University	
16	Prajñā Vihāra: Journal of Philosophy and Religion	Graduate School of Philosophy and Religion, Assumption University	
17	Rangsit Music Journal	Rangsit University Conservatory of Music	
18	Thai Forest Ecological Research Journal	Faculty of Forestry, Kasetsart University	
19	Thai Rice Research Journal	Division of Rice Research and Development, Rice Department, Ministry of Agriculture and Cooperatives	

# List of Thai Journals for submitting to STEP (2023-2026) (cont.)



No.	Source Title	Publisher/Owner	Characteristics
20	Archives of Allied Health Sciences	Faculty of Associated Medical Sciences, Khon Kaen University	Internationality
21	Biomedical Sciences and Clinical Medicine (accepted)	Faculty of Medicine, Chiang Mai University	
22	Burapha Science Journal	Faculty of Science, Burapha University	
23	Oral Sciences Reports (accepted)	Faculty of Dentistry, Chiang Mai University	
24	Chulalongkorn Medical Journal (accepted)	Faculty of Medicine, Chulalongkorn University	
25	Engineering Access (accepted)	Faculty of Engineering, Mahasarakham University	
26	Human Behavior, Development and Society	Institute for Interdisciplinary Studies, Asia-Pacific International University	
27	Interdisciplinary Research Review	Research and Development Institute, Nakhon Pathom Rajabhat University	
28	Journal of Architectural/Planning Research and Studie (accepted)	Faculty of Architecture and Planning, Thammasat University	
29	Journal of Food Health and Bioenvironmental Science (accepted)	Research and Development Institute, Suan Dusit University	
30	Journal of Multidisciplinary in Social Sciences (accepted)	Research and Development Institute, Suan Dusit University	
31	Journal of Renewable Energy and Smart Grid Technology (accepted)	School of Renewable Energy Technology and Smart Grid Technology, Naresuan University	
32	Journal of Research and Applications in Mechanical Engineering (accepted)	Thai Society of Mechanical Engineers (TSME)	
33	Journal of Studies in the English Language (accepted)	Faculty of Liberal Arts, Thammasat University	
34	Journal of Thailand Nursing and Midwifery Council	Thailand Nursing and Midwifery Council	
35	Science and Engineering Connect	King Mongkut's University of Technology Thonburi	
36	Maritime Technology and Research (accepted)	Faculty of International Maritime Studies, Kasetsart University	
37	Asian Health, Science and Technology Reports	The Graduate School, Naresuan University	
38	Nursing Research and Innovation Journal	Faculty of Medicine, Ramathibodi Hospital	
39	Outbreak, Surveillance, Investigation & Response	Department of Disease Control, Ministry of Public Health	
40	Science Essence Journal	Faculty of Science, Srinakharinwirot University	
41	Suranaree Journal of Social Science (accepted)	Institute of Social Technology, Suranaree University of Technology	
42	Thai Journal of Agricultural Science (accepted)	The Agricultural Science Society of Thailand	
43	The New English Teacher (accepted)	School of Arts, Assumption University	
44	The Thailand Natural History Museum Journal	Natural History Museum, National Science Museum, Thailand	
45	Thoughts	Department of English, Faculty of Arts, Chulalongkorn University	

# List of Thai Journals for submitting to STEP (2023-2026) (cont.)



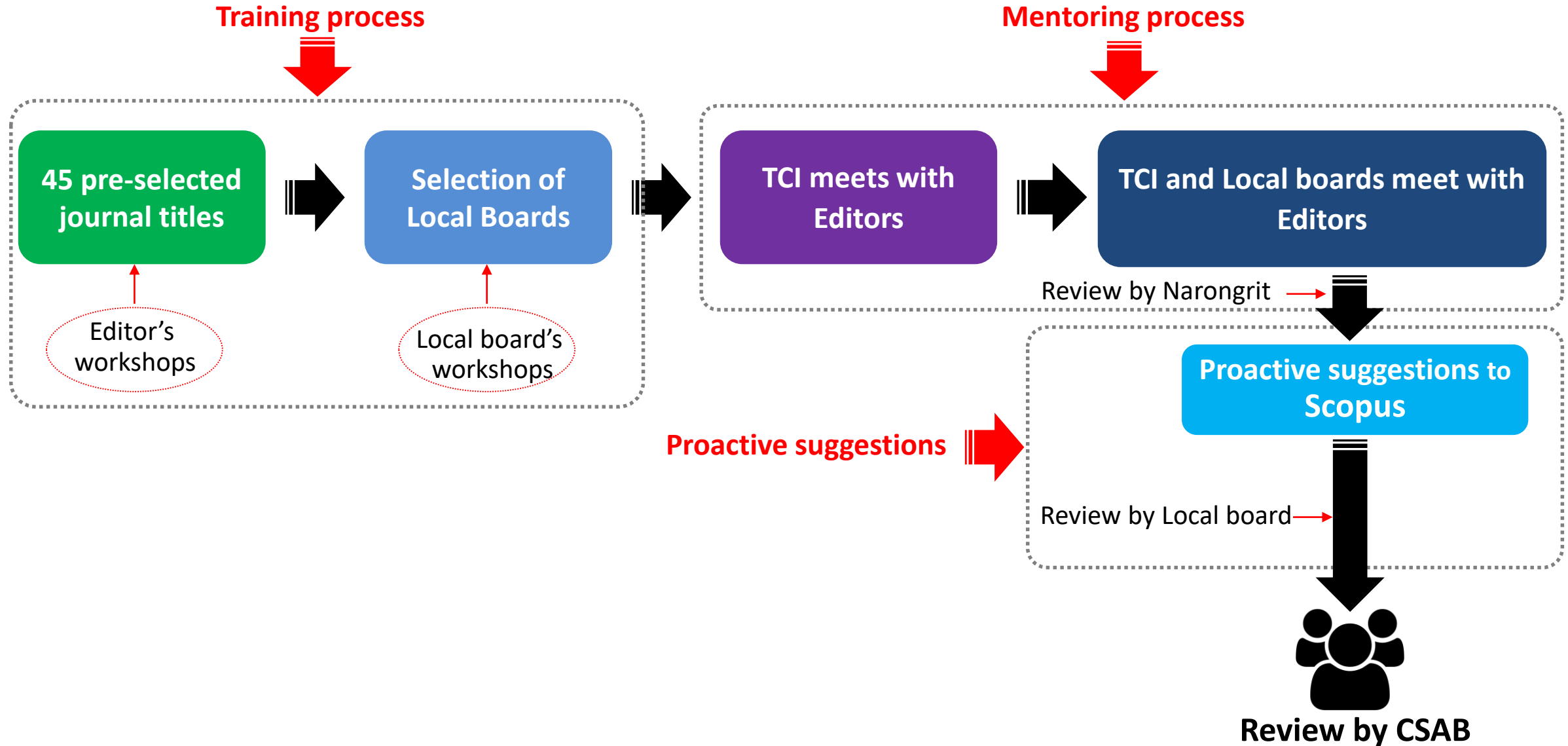
# Publishers/Owners of selected Thai Journals (2023-2026)



No.	Publisher/Owner	No. of Titles
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

No.	Publisher/Owner	No. of Titles
21	National Science Museum, Thailand	1
22	Rangsit University	1
23	Srinakharinwirot University	1
24	Suranaree University of Technology	1
25	Temple of Wang Tawan Tok, Nakhon Si Thammarat	1
26	The Agricultural Science Society of Thailand	1
27	Thai Rehabilitation Medicine Association and The Royal College of Psychiatrists of Thailand	1
28	Thai Society of Mechanical Engineers (TSME)	1
29	Thailand Nursing and Midwifery Council	1
30	Thaksin University	1
<b>Total</b>		<b>45</b>





# Work Flow for Quality Improvement of Thai Journals for Indexing in Scopus (2023-2026)



# Local Board for Thailand 2023-2026







No.	Subject	Thai Local board	Name	Affiliation
1	Chairman for Local Board for Thailand		Narongrit Sombatsompop	King Mongkut's University of Technology Thonburi (KMUTT)
2	Computer Science		Krich Nasignkun	National Electronics and Computer Technology Center (NECTEC)
3	Social Sciences; Education		Nongyao Sripromsuk	Thai-Journal Citation Index Centre (TCI)
4	Business, Management & Accounting; Economics, Econometrics & Finance		Juthathip Jongwanich	Thammasat University





No.	Subject	Thai Local board	Name	Affiliation
5	Nursing; Health Professions		Somchit Hanucharoenkul	Thailand Nursing and Midwifery Council
6	Nursing; Health Professions		Thawatchai Akaraviputh	Mahidol University
7	Arts & Humanities		Dumrong Adunyarittigun	Thammasat University
8	Psychology, Dentistry and Veterinary Sciences		Korakot Nganvongpanit	Chiang Mai University



# Local Board for Thailand 2023-2026 (cont.)






No.	Subject	Thai Local board	Name	Affiliation
9	Pharmacology, Toxicology and Pharmaceutics; Biochemistry, Genetics and Molecular Biology; Neuroscience		Pornsak Sriamornsak	Silpakorn University
10	Environmental Science		Benjaphorn Prapagdee	Mahidol University
11	Library and Information Sciences; Multidisciplinary		Teerasak Markpin	King Mongkut's University of Technology Thonburi (KMUTT)
12	Medicine		Vorapong Phupong	Chulalongkorn University

No.	Subject	Thai Local board	Name	Affiliation
13	Chemistry, Chemical Engineering, Material Sciences		Udomsilp Pinsook	Chulalongkorn University
14	Engineering		Sakamon Devahastin	King Mongkut's University of Technology Thonburi (KMUTT)
15	Earth & Planetary Science, Energy		Navadol Laosiripojana	King Mongkut's University of Technology Thonburi (KMUTT)
16	Mathematics, Physics & Astronomy		Poom Kumam	King Mongkut's University of Technology Thonburi (KMUTT)

# Local Board for Thailand 2023-2026 (cont.)



No.	Subject	Thai Local board	Name	Affiliation
17	Language, Linguistics, Communication and Media		Budsaba Kanoksilapatham	Silpakorn University
18	Law, Crime, Criminology and Criminal Justice		Sawit Kasuriya	National Electronics and Computer Technology Center (NECTEC)
19	Agriculture and Biological Sciences		Theeraphap Chareonviriyaphap	Kasetsart University

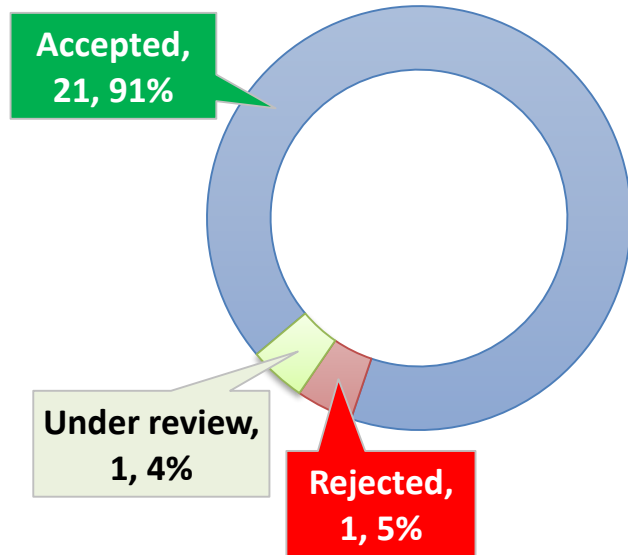
# Quality Improvement of Thai Journals for Indexing in Scopus (2023-2026)



No.	Characteristics	Number
1	ASEAN & Asian	5
2	Unique & local	4
3	Internationality	14
Total		23

No.	Publisher/Owner	Number
1	Assumption University	1
2	Chiang Mai University	2
3	Chulalongkorn University	1
4	Kasetsart University	1
5	Mae Fah Luang University	1
6	Mahachulalongkornrajavidyalaya University	1
7	Maharakham University	1
8	Naresuan University	1
9	Silpakorn University	2
10	Suan Dusit University	2
11	Suranaree University of Technology	1
12	Thai Society of Mechanical Engineers	1
13	Thaksin University	1
14	Thammasat University	2
15	The Agricultural Science Society of Thailand	1
16	Thai Rehabilitation Medicine Association	1
17	Temple of Wang Tawan Tok, Nakhon Si Thammarat	1
18	Walailak University	2
Total		23

Submitted to STEP = 23 titles  
(as of Jan 30<sup>th</sup>, 2025)

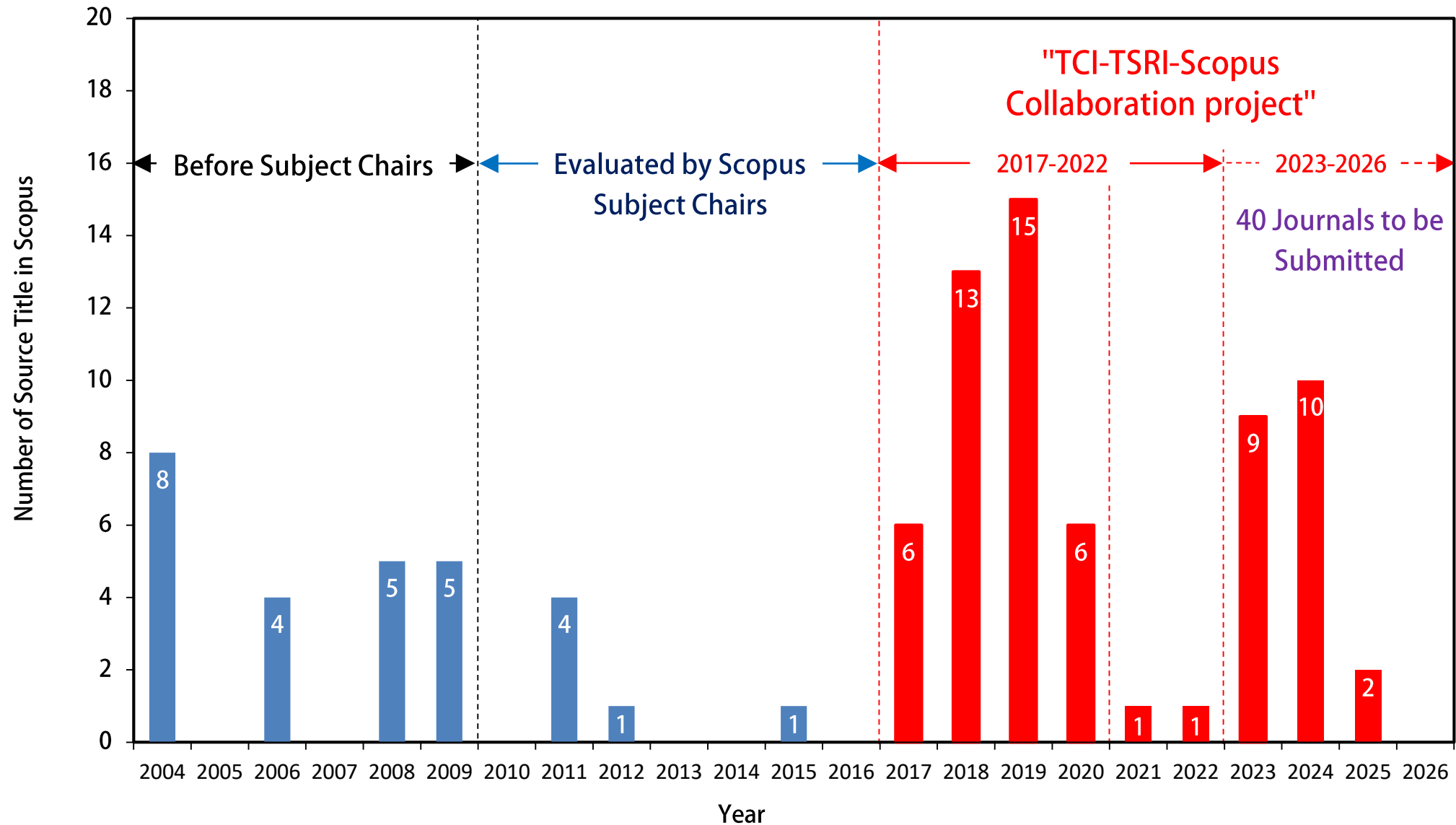


## Mar 2023 – present (40 Trainings)

- 5 selected editor’s trainings/workshops
- 3 local board’s trainings/ workshops
- 11 mentoring (TCI-editor) meetings
- 21 mentoring (LB-editor) meetings

No.	Subject area	Number
1	Arts & Humanities	8
2	Engineering	3
3	Agriculture and Biological Sciences	3
4	Health Professions (1 under review)	2
5	Medicine	2
6	Business, Management & Accounting	1
7	Earth & Planetary Science	1
8	Language, Linguistics	1
9	Multidisciplinary	1
10	Social Sciences (1 rejected)	1
Total		23

# Thai journals indexed in Scopus (as of January 30<sup>th</sup>, 2025)





**Thank You**