Development of Reviewers and Journals Selection System

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THAIJO

ThaiJO is an online journal management and publishing system

800 journals
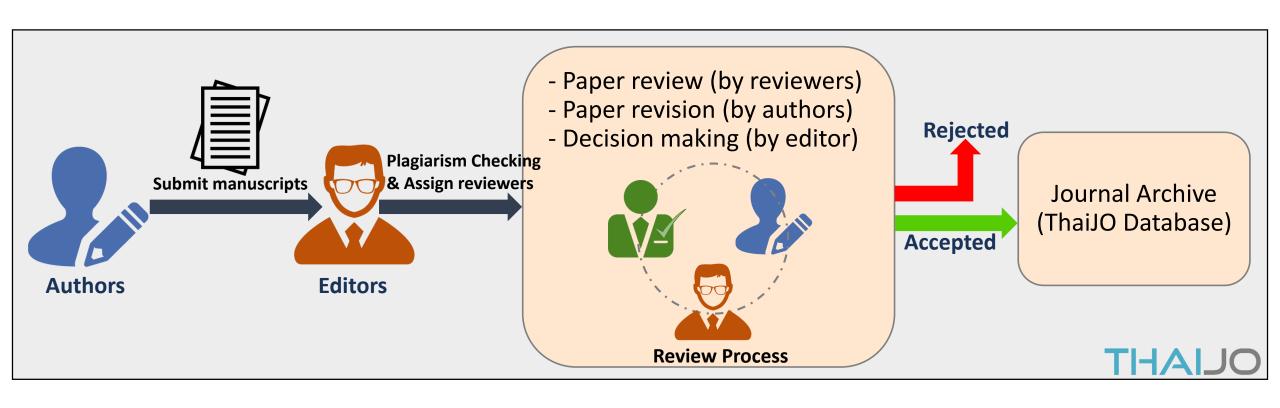available in Thailand

600 journals
available in ThaiJO
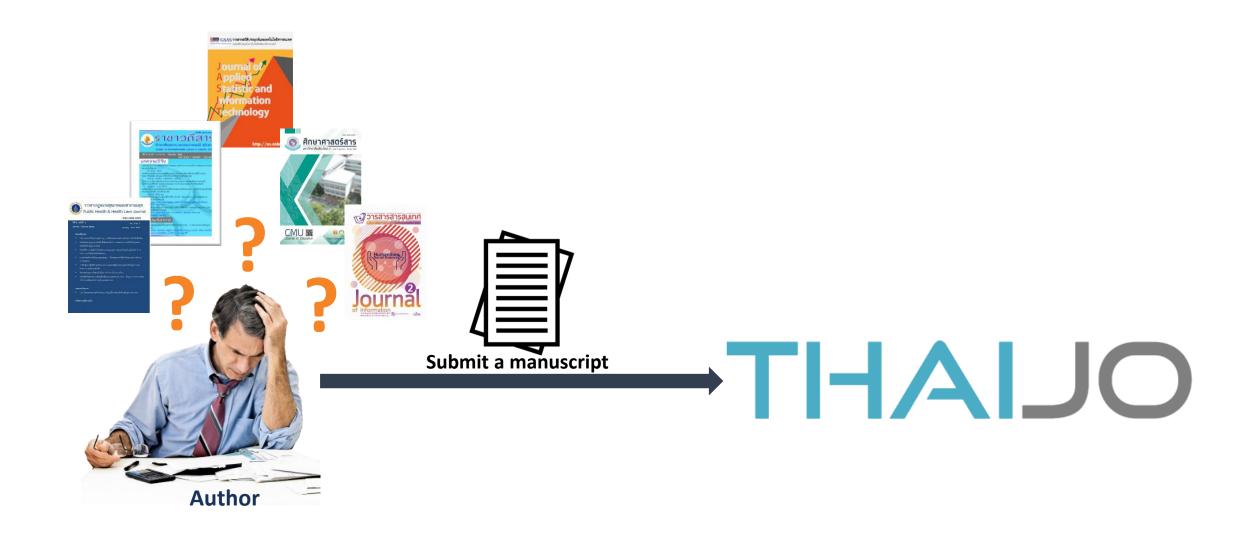
200 manuscripts/day
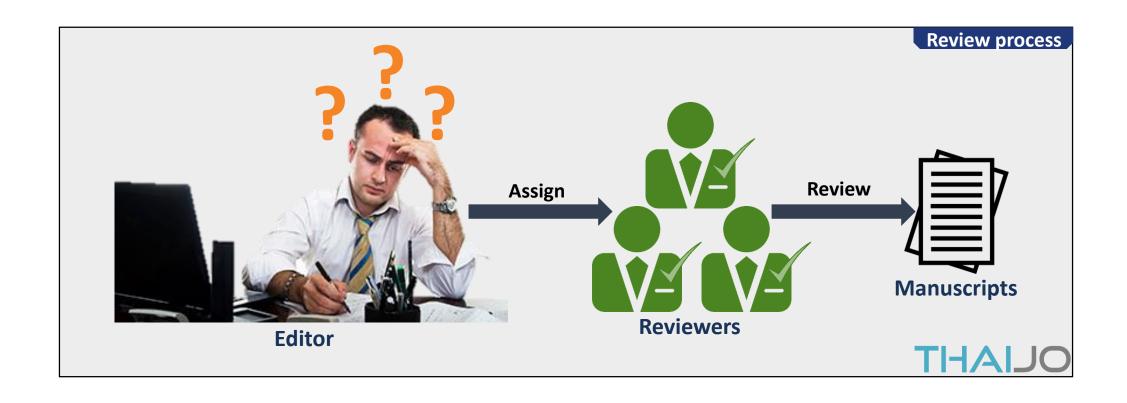have been submitted to ThaiJO

99,417 articles
of publications in ThaiJO

Submission Process

Authors → Submit manuscripts → Editors → Plagiarism Checking & Assign reviewers →

- Paper review (by reviewers)
- Paper revision (by authors)
- Decision making (by editor)

Review Process

Rejected

Accepted → Journal Archive (ThaiJO Database)

THAIJO

A problem of Authors
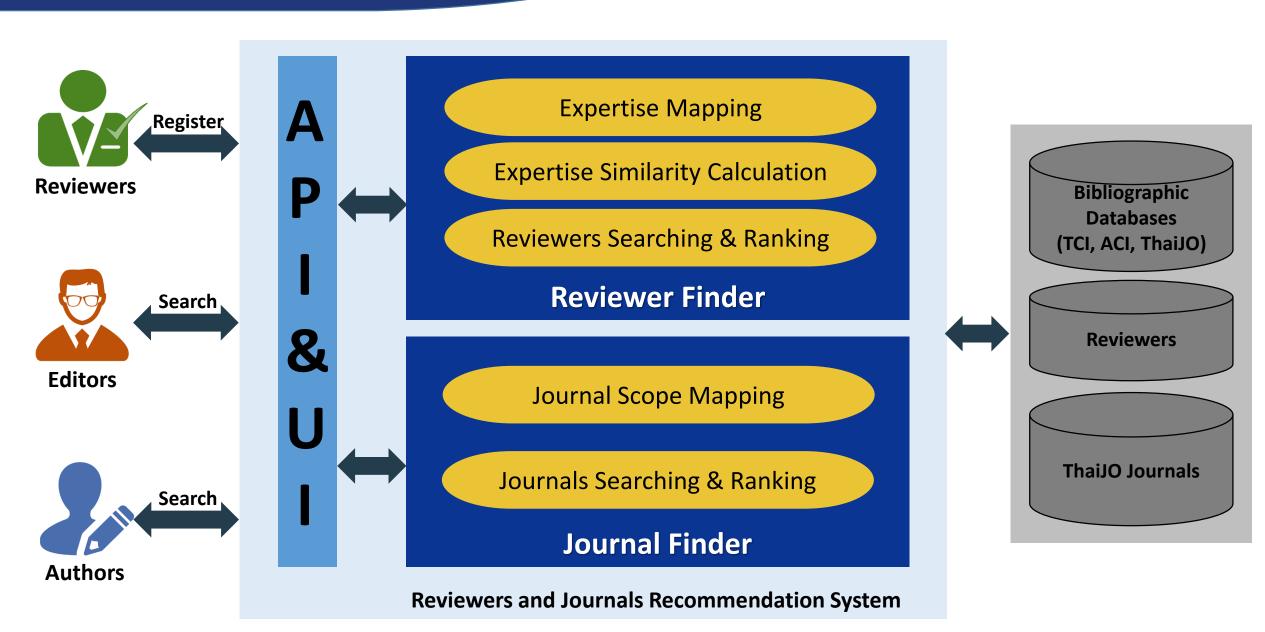

Submit a manuscript

THAIJO

Author

A problem of Editors

Which reviewers should I invite to review a manuscript?
Is a candidate reviewer a co-author to the author submitting for a paper?
Has a potential reviewer worked at the same organization with author in the past?

System Overview

Reviewers and Journals Recommendation System

Reviewer Finder

Reviewer Finder automatically suggests **potential reviewers** who have expertise profiles matched with a manuscript

Suggest the right reviewers

Report a list of candidate reviewers and expertise profiles

Identify potential conflicts of interest based on co-authorship and affiliations

Journal Finder

Journal Finder automatically finds **suitable journals** that are relevant to a manuscript

Recommend relevant journals

Provide a sortable function of the results

Show journal details

Benefits

Authors

Helping **less experienced authors** in selecting suitable journals for their manuscripts

Enabling authors working across **multidisciplinary fields**

Solving common issues on **predatory journals**

Proposed System

Editors

Recommending the right reviewers without **conflicts of interest**
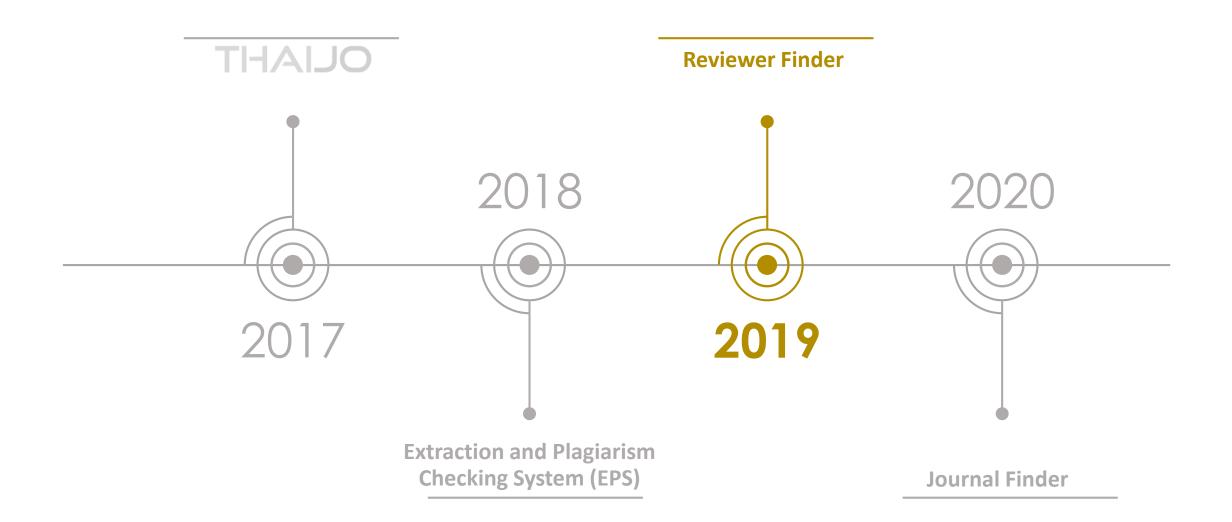
Reducing the **time of editorial process**

Enhancing **diversity in reviewers** selection

Project Timeline

THAIJO

Reviewer Finder

2017

2018

2019

2020

Extraction and Plagiarism
Checking System (EPS)

Journal Finder

UI Examples

Reviewer Search

Title: Building a Semantic Repository of Academic Experts

Abstract: In order to increase people's awareness of experts and foster collaborative opportunities, it is necessary to build an expertise repository ...

Keywords: Academic experts

Content Mapping

Author: Ping Liu

Affiliation: School of Information Management, Wuhan University, China

Avoid conflicts of interest

Find Reviewer

Search Results (2)

Sorted by: Relevance, Name, No. completed reviews

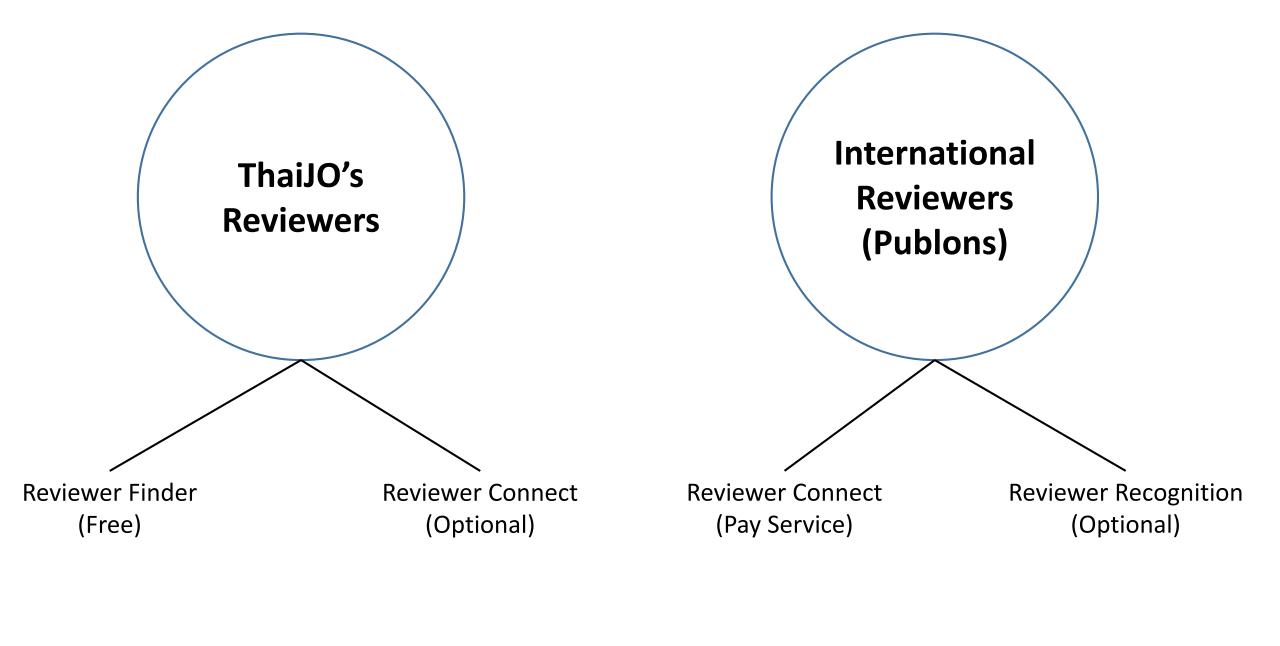| Matching Score	Personal Details	Total Pub.	Avg. Responses	Workload	Reviews History
91%	Choochart Haruechaiyasak NECTEC Thailand	89	25 Days to Complete	0 In Review	2 Reviewed 0 Declined
85%	Alisa Kongthon NECTEC Thailand	72	22 Days to Complete	1 In Review	21 Reviewed 5 Declined

Journal Search

Title: Explanation in artificial intelligence

Abstract: There has been a recent resurgence in the area of explainable artificial intelligence ...

Keywords: Explainable AI

Find Journal

Search Results (2)

Sorted by: Impact, Review Time, Acceptance

Matching Score	Journals	Impact Factor	Acceptance Rate	Avg. Review Time	Avg. Production Time
93%	**Artificial Intelligence** scope & information ▲	3.034	15 %	10 weeks	39 weeks
81%	**Decision Support Systems** scope & information ▲	2.613	16 %	12 weeks	27 weeks

Thank you

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