

Peer-review System used in Korean Scientific Journals

August 22, 2015

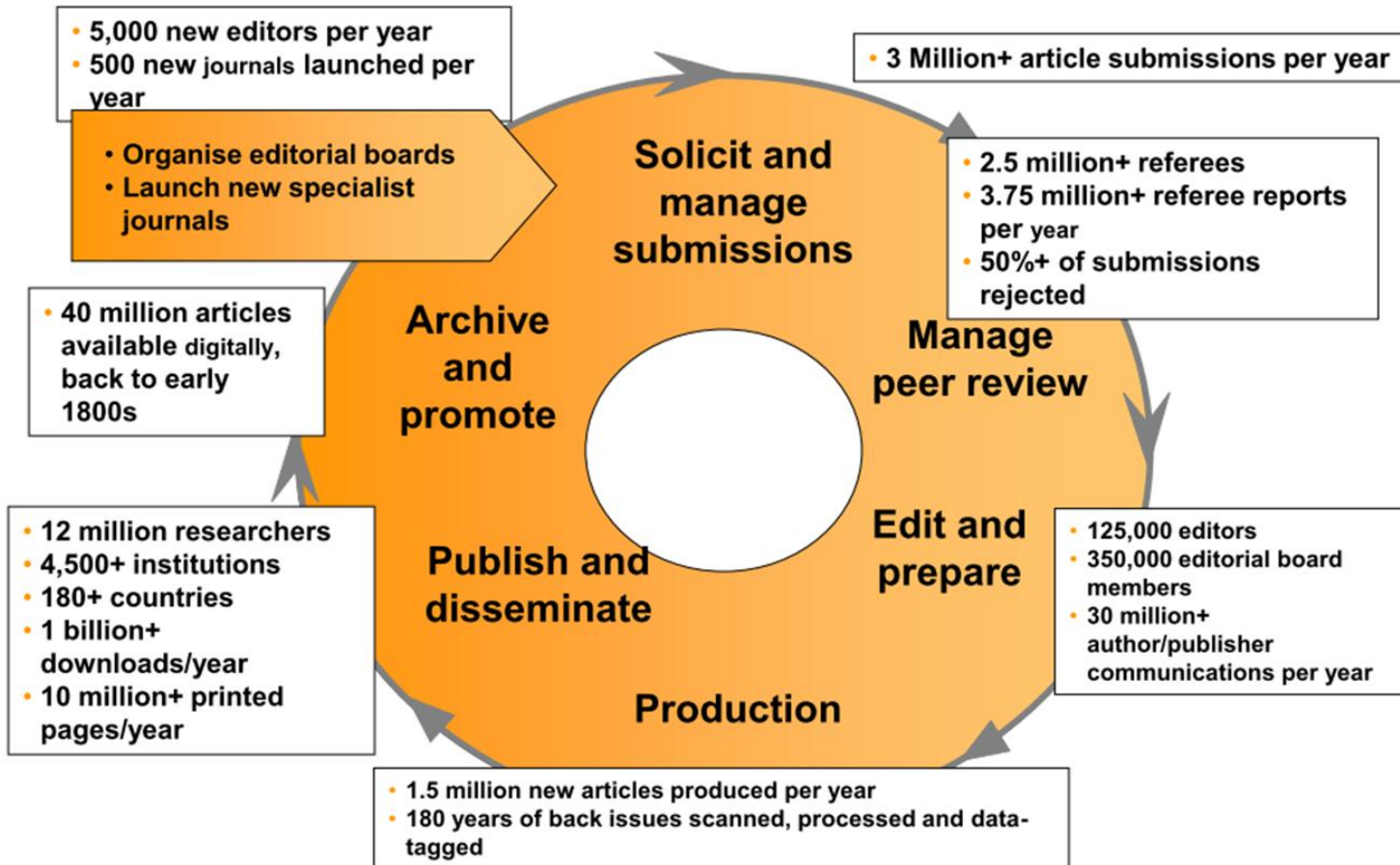
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Needs for Peer-review System



Source: Philippe MAB Terheggen. How to Publish Your Manuscript From title to references From submission to revision, Wageningen University and Research Center, 26 October 2010

Needs for Peer-review System

● Change of Peer-review Tools

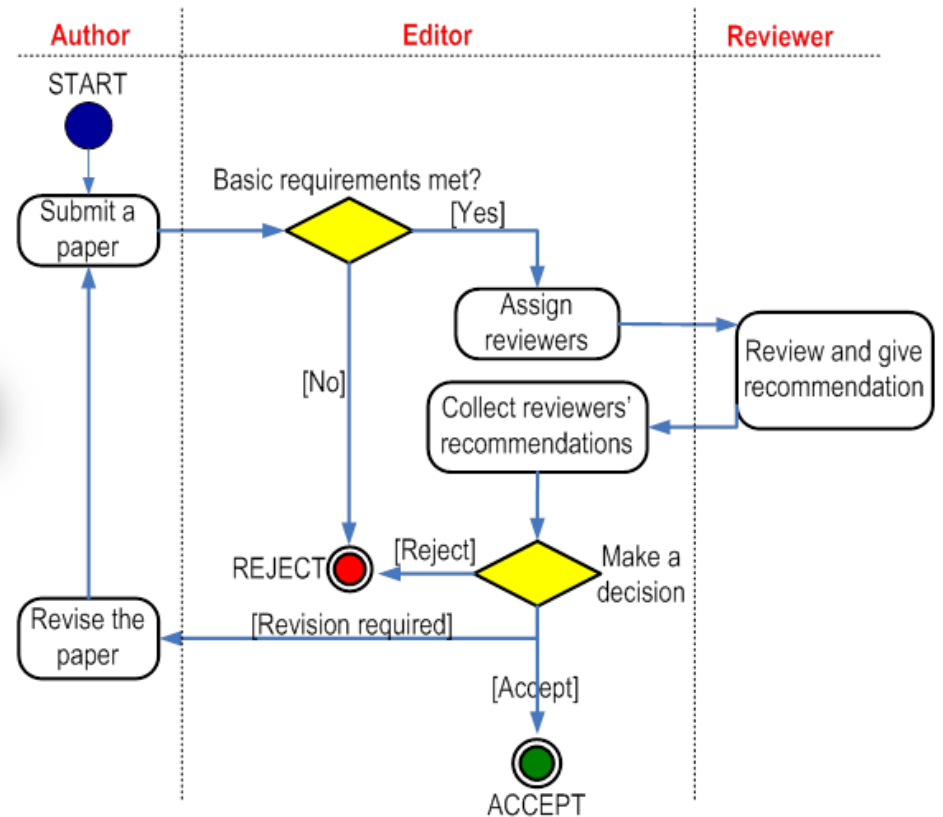
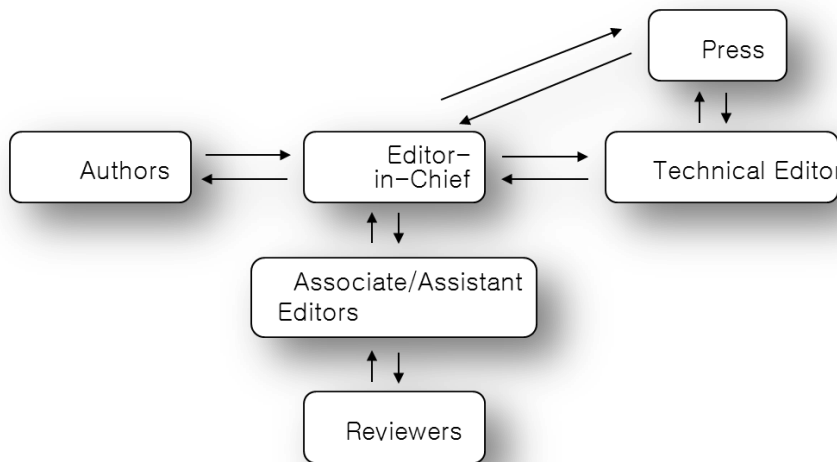


Saving time and cost

**Process Improvement
Dash Board Function
Manuscript Management
Usability & Accessibility**

Needs for Peer-review System

Peer Review Process



Peer-review Systems in Korea

Usage

● Peer-review System Users: 74.3%

※ Source: KOFST 2009

Suppliers	No.	Suppliers	No.
KISTI	43	Elsevier(EES)	2
NRF(JAMS)	4	Etc.	3
MedRangInfoRang	11	Ready-made System	78
Korea Scholar Info. Inc	4	Self System	116
ONPCS	2	Sub-total (System)	194
Aries(Editorial Manager)	5	Sub-total (No System)	67
Thomson(ScholarOne)	4	Total	261

Peer-review Systems in Korea

Domestic Suppliers

※ Source: KISTI 2015. 4

Sec.	Supplier(System)	No. User	Language
Public	KISTI	Scientific Journals, 370	Kor/Eng
	NRF(JAMS)	Social Science Journals 400	Kor/Eng
	KOFST(E-Journal)	Member Journals 7	Eng
Private	MedRangInfoRang	Medical Journals 100	Kor/Eng
	M2COM	Medical Journals 60	Kor/Eng
	NETIEN	Scientific Journals 10	Kor
	ONPCS	Engineering Journals 10	Kor

Peer-review Systems in Korea

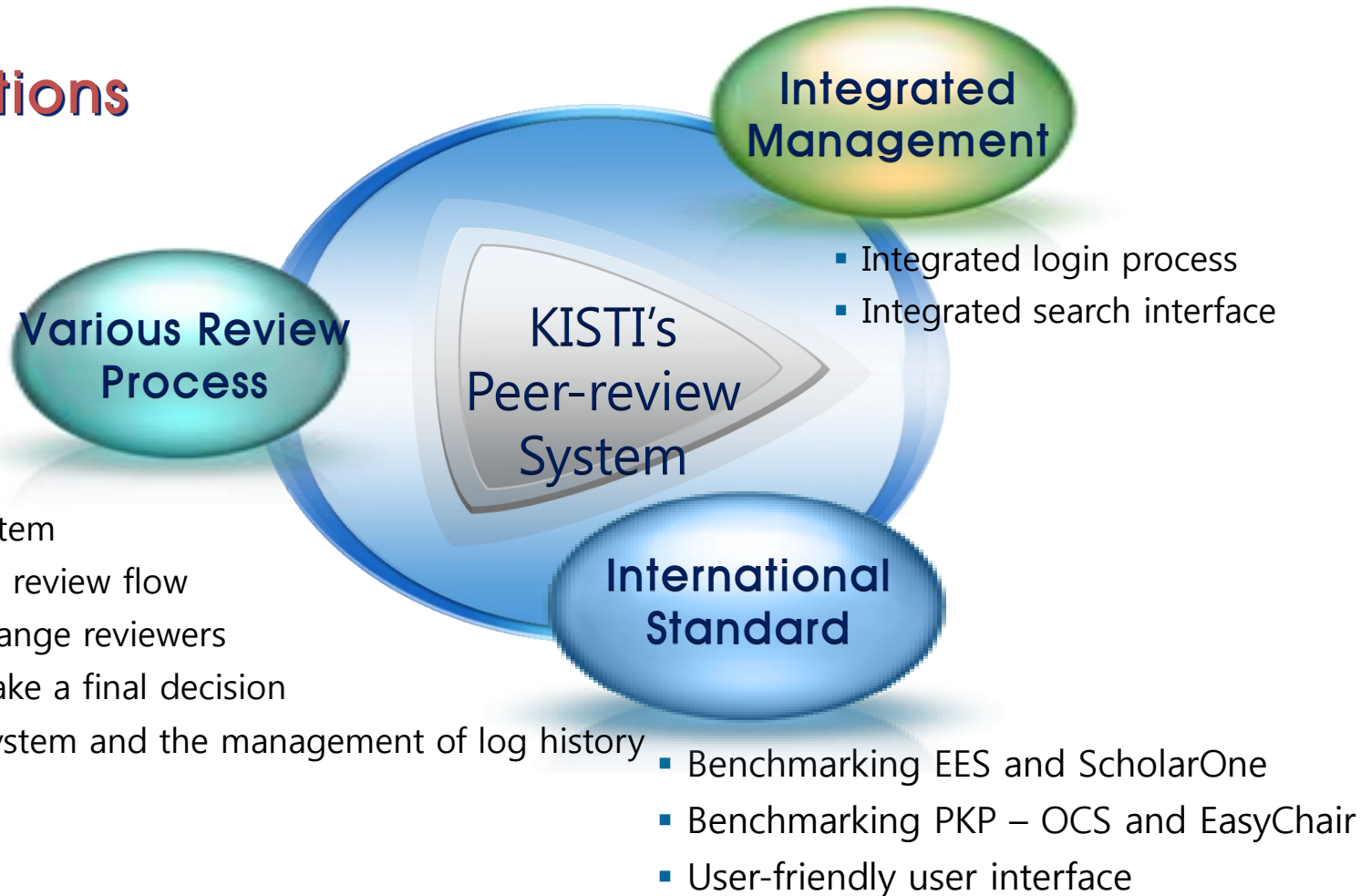
Overseas Suppliers

※ Source: KISTI 2012. 7

Sec.	System	Users	언어
Open Source	OJS	Worldwide 11,500	Eng
	DPubS	n.a.	Eng
Comercial	ScholarOne	SCI Journals	Eng
	Editorial Manager	Springer Journals and PLoS	Eng
	EES	Elsevier Journals	Eng
	Bench>Press	HighWire Journls	Eng

Peer-review Systems of KISTI

Functions



Peer-review Systems of KISTI

Functions

Key Message

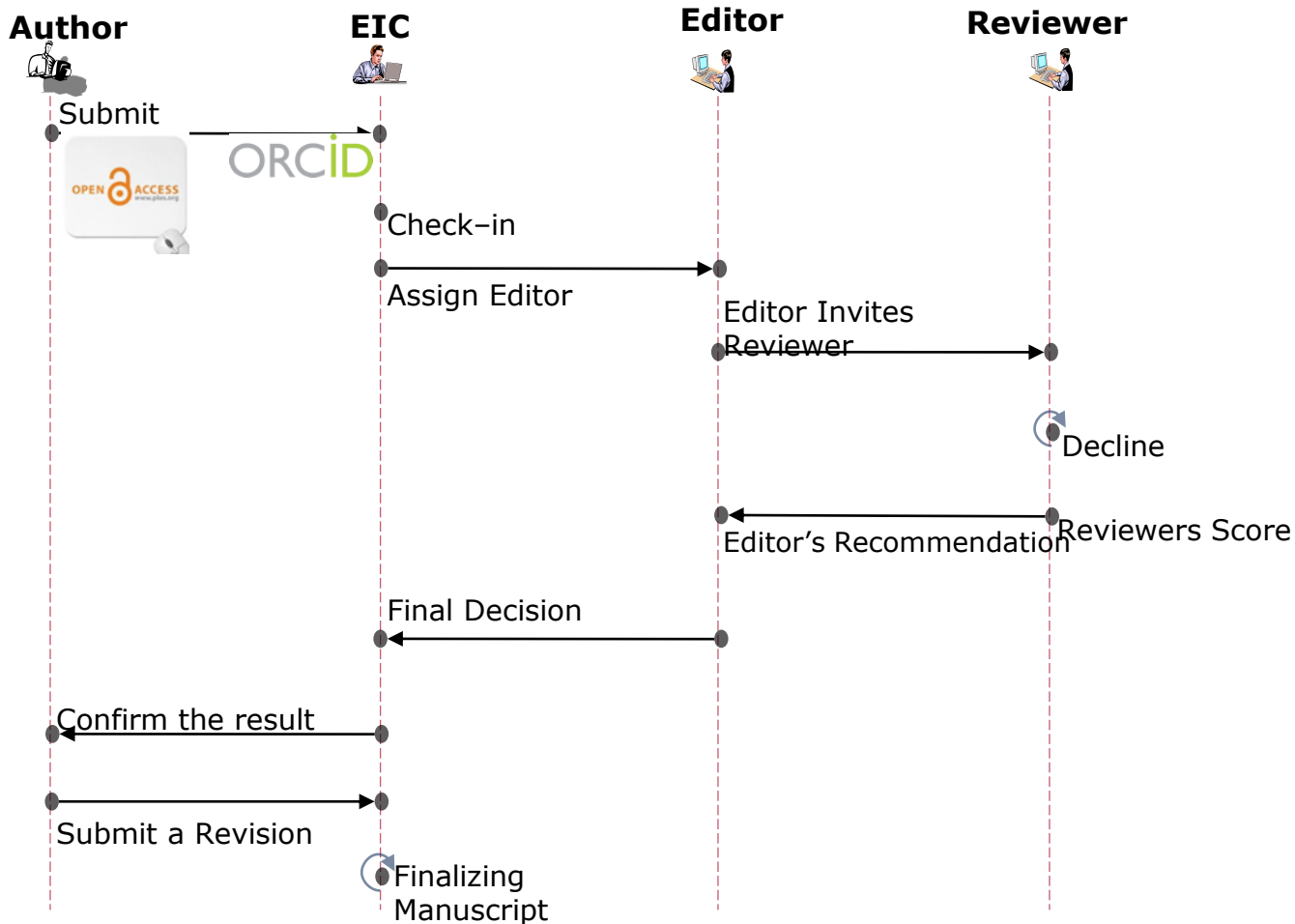
Web pages for Journal Information, e-Submission, View-Full Text

-User roles are categorized into "Author", "Editor-in-Chief", "Editor(including Copy Editor)", "Reviewer"

Permission Functions	Author	EIC/Editor	Reviewer
	<ul style="list-style-type: none">• Register• Submit paper• Modify and submit the final paper• Check review process• Check the process of paper submission and review history• Correct paper	<ul style="list-style-type: none">• Register• Call for papers• Select editorial board• Re-select editorial board• Evaluate editorial board• Make a final decision• Push review process• Check review history	<ul style="list-style-type: none">• Register• Accept or refuse review• Report review result• Check review history

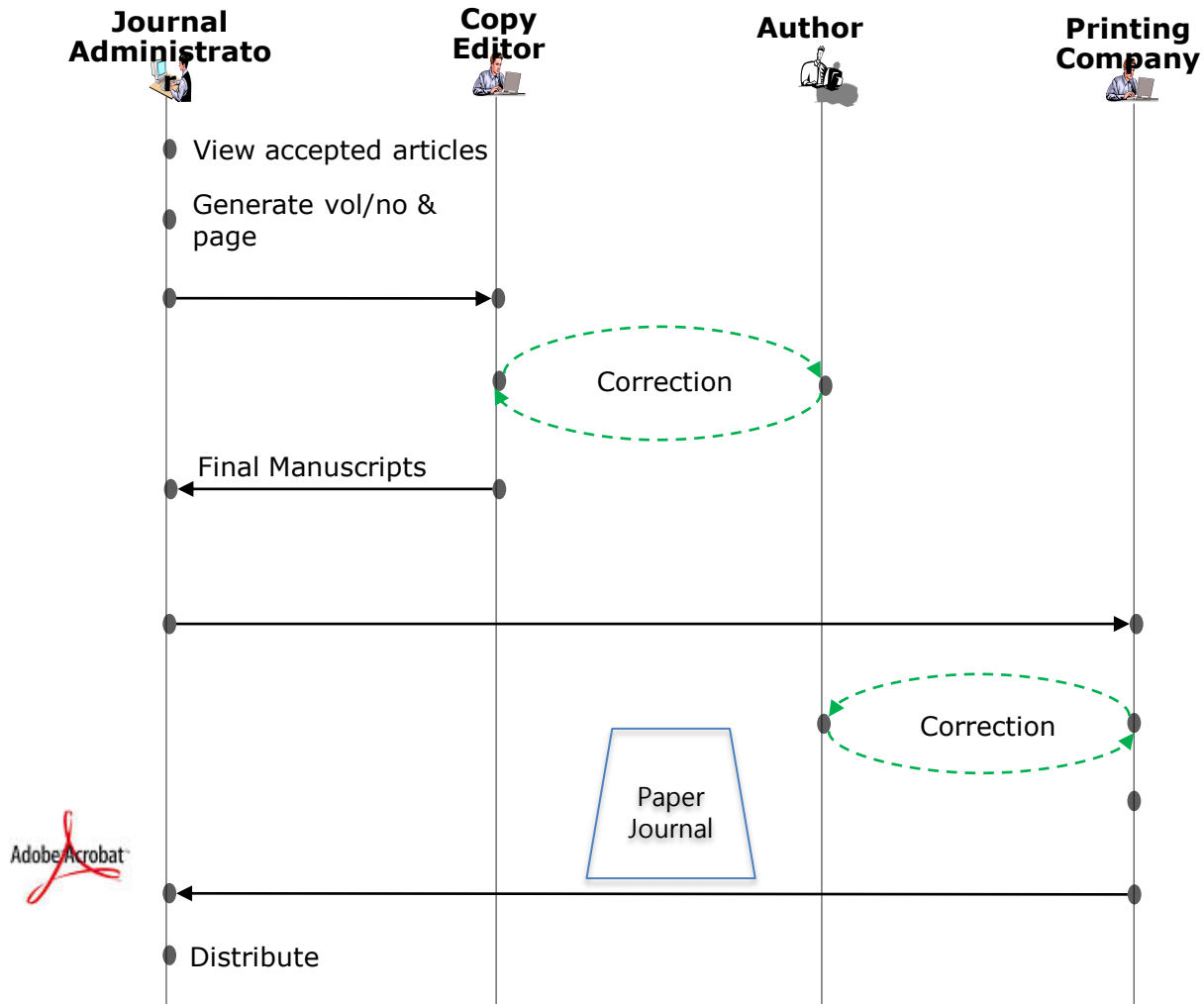
Peer-review Systems of KISTI

Business Process: Peer-review



Peer-review Systems of KISTI

Business Process: e-journal



Peer-review Systems of KISTI

Editor (Main) Page

The screenshot shows the Editor's Main Page. At the top, there is a green header with the JISTaP logo and the text "Journal of Information Science Theory and Practice". Navigation links include "Acoms Journal list", "Logout", and "Change Detail". On the right, ISSN and P-ISSN numbers are listed. Below the header, there are links for "Journal Information", "e-Submission", and "View-FullText", along with an "EDITOR" dropdown menu and an "Editor's Main Menu" link.

Submissions by Step

- [New Assignments\(0\)](#)
- [Submissions Needing Invitation\(0\)](#)
- [Submissions under Review\(1\)](#)
- [Submissions with Required Reviews Completed\(0\)](#)

Reviewer Invitations by Step

- [Invitations without Responses\(0\)](#)
- [Late Reviews\(1\)](#)

My Past Reviews

- [My Recommendation\(7\)](#)
- [Final Dispositions\(7\)](#)
- [Review History](#)

Author (Submit) Page

The screenshot shows the Author's Main Page for submitting a new manuscript. It features a vertical sidebar with six steps: Step 1 (Title, Abstract & Keywords), Step 2 (Authors), Step 3 (Files), Step 4 (Article Type & Areas), Step 5 (Additional Information), and Step 6 (Confirmation). The main content area is titled "Submit a New Manuscript : Step 1. Input Title, Abstract & Keywords" and includes a "NEXT >>" button. The form fields are:

- Title**: A text input field.
- Abstract (300 word limit)**: A large text area.
- Keywords**: Three text input fields.

Reviewer (Main) Page

The screenshot shows the Reviewer's Main Page. It has a similar layout to the Editor's page, with a green header and navigation links. The main content area is titled "My Assignment" and includes the following links:

- [New Invitations\(0\)](#)
- [Incomplete Reviews\(0\)](#)
- [Completed Reviews\(1\)](#)
- [Review History](#)

Peer-review Systems of KISTI

Sample User Pages

The image displays several overlapping screenshots of journal websites. The most prominent one is the 'Korean Journal for Food Science of Animal Resources' (KoSFA). Its page includes a navigation menu with 'Journal Information', 'e-Submission', and 'View-FullText'. A 'REGISTER' button is visible with the text 'Please register this journal to use e-Submission.' The main content area features the journal's title, 'Aims and Scope', and a detailed paragraph about the journal's history and coverage. Below this, another 'REGISTER' button is present. At the bottom of the page, there is a section titled '2. The publication frequency' which states: 'Mass Spectrometry Letters will be published at least four times a year; 15th March, 15th June, 15th September, 15th December every year are the scheduled publishing dates. The publication frequency is subjected to future change which should be advised by the Editorial board meeting's decisions.'

Thanks.