

Online Systems for Managing Peer Review



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Agenda

- Not comprehensive overview
- EdiKit – Berkeley Electronic Press
(*California Agriculture* journal)
- Manuscript Central (ScholarOne/Thomson)
- Open-source systems
- Please share your experiences

Peer review @ Cal Ag

- Peer review = system for ensuring technical soundness of publication
- Paper ... to e-mail ... to online system
- Contact with bepress via California Digital Library; didn't review other options
- 1-year process to set up, convert system; could have been (much) faster
- Free for Cal Ag; will cost you \$

EdiKit demo

- Our peer-review process is confidential. Please do not share any info that you see onscreen.
- <http://CaliforniaAgriculture.ucop.edu>

Benefits of EdiKit, other systems

- Administrative support savings
- All article info in one place: versions, images, documentation etc. (Cal Ag still keeps paper files)
- Automatic reminders to reviewers
- Templates for letters
- E-mail notification of new articles
- Tech support

Drawbacks w/EdiKit

- Some functions not tailored to our workflow; work-arounds needed
- Problems with passwords
- Can't fix many things ourselves
- Some functions limited (i.e. reporting, aggregating articles, etc.)

ScholarOne Manuscript Central™
Thomson Scientific Initiatives

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ACE/NETC

ScholarOne: An Experienced Partner

20+ Years in Journal Publishing – Formed in 2000 from Carden Jennings Publishing, a 20-y-old medical and custom communications company

10+ Years in Manuscript Systems – ScholarOne hosts more online peer review systems than anyone

1700+ Sites hosted and supported

Processing over 50K manuscripts per month

Committed – Employs >80 people in Europe and US

20+ for Professional Services (Implementation, Support & Training)

40+ for Product Development

Forward Looking – In 2005 invested >\$2M in product R&D and service initiatives

Workflow Tool – Providing the Right Information at the Right Time in Your Workflow

The screenshot displays the Manuscript Central Workflow Engine interface. On the left, a workflow diagram titled "Submitted" shows a sequence of tasks: Start, Forward to Admin, Forward to EIC, Admin Checklist, and a decision point "Branch on MS Type". This branches into two paths: one leading to "EIC Assign AE", "AE Pick Reviewers", "Admin Invite Reviewers", "Admin Assign Reviewers", "Reviewers Score", and "AE Decision"; the other leading to "EIC Select Reviewers - RC", "EIC Invite Reviewers - RC", "EIC Assign Reviewers - RC", "Reviewers Score - RC", and "EIC Decision - RC". Both paths converge at "EIC Immediate Decision" and "EIC Decision - RC", which lead to a final "Complete Admin Checklist" task.

On the right, the "Task Details" panel for "Admin Assign Reviewers" is shown. It includes fields for "Name", "Who is being assigned?", "Search Link Text", and "Select the types of search the user should be able to perform". Below this is the "Add a Manuscript List" section with a "Name" field and "Visible to" checkboxes for Reviewer, Associate Editor, Copy Editor, Graphic Artist, Editor-in-Chief, and Production Editor. A "Task" dropdown is set to "Select a Task...", and a "Status" dropdown is set to "Pending". A table below the panel shows the task's configuration:

Name	Task (Status)	Visible to	Edit	Delete
Complete Admin Checklist	Admin Checklist (ORIG - Pending) Admin Checklist (ORIG - Overdue) Admin Checklist (RES - Pending) Admin Checklist (RES - Overdue)	Editorial Office		

Illustrative Peer Review Workflow

- **Workflow Engine** – palette of drag-and-drop tasks to model workflow with conditional branching; unique workflows based on manuscript status
- **Workflow Tasks** – each type of task includes appropriate parameters and options, including overdue reminders, emails, and visual indicators
- **Task Status and Displays** – user interface controlled by grouping and organization of tasks and task status

Improving Peer Review Workflows: Research Submission, Review & Publishing

The collage illustrates the integration of several tools in a peer review workflow:

- Microsoft Word:** Used for writing manuscripts, with EndNote X Find Citations for managing references.
- Manuscript Central:** The central hub for submission, featuring a 'Fast Pass' processing stage that automatically extracts metadata (title, subtitle, abstract, keywords, references) from the manuscript.
- ISI Web of Knowledge:** Provides access to high-impact research journals for citation and reference management.
- Author Dashboard:** Offers a centralized view of manuscript status (Submitted, Resubmitted, Revised, etc.) and provides resources for authors, such as submission instructions and email management.

- **EndNote & EndNote Web** – bibliographic management standard integrated with Web of Knowledge designed for academic researchers and authors
- Interaction with **MS Word** – EndNote journal specific manuscript templates with embedded XML
- **Manuscript Central** – automated, Web-based, article peer-review system used by top publishers
- **ISI Web of Knowledge** – information from the highest impact research journals delivered to Editors and Reviewers at critical invitation, review, and decision points in linked document reference and external searching
- **Publishers** – delivery of validated manuscript metadata and EndNote references in XML format

Open Journal Systems

- The Public Knowledge Project - partnership of University of British Columbia, Simon Fraser University Library, and Canadian Centre for Studies in Publishing at Simon Fraser University
- Federally funded (Canada) effort to expand and improve access to research via open-source peer-review management software
- Used by 900 journals in 10 languages
- Editors configure to meet individual needs
- Free; perhaps technically challenging to set up
- E-mail notification and commenting ability for readers
- Go to: <http://pkp.sfu.ca/?q=ojs>

Resources

- ACE Peer Review wiki: <http://acepeerreviewinfo.wikispaces.com/space.menu> **(Please add your info!)**
- Berkeley Electronic Press
<http://www.bepress.com/index.html>
- ScholarOne's Manuscript Central
http://scholarone.com/products_manuscriptcentral_aboutMC.shtml
- Public Knowledge Project/Open Journal Systems
<http://pkp.sfu.ca/?q=ojs>