

# 7.9 – Digital Commons Release Notes

Version: July 2014

Available at <http://digitalcommons.bepress.com/reference/78>

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The 7.9 release of bepress Digital Commons includes new pan and zoom features for image galleries, enhancements to the Readership Activity Map, a new page for featured publications, an improved filter to measure downloads, and more outlined below. The new features will be automatically available to subscribers after July 25, 2014.

## Pan and Zoom for Images

The major increase in the number of images hosted on Digital Commons has led us to implement this highly requested feature. When visitors navigate to an image page they will see the same familiar layout, but instead of a static preview image they will see a new interactive viewer. The new image viewer supports full pan and zoom operations, allowing the visitor to explore large, high-resolution images right in the browser. The image can also be expanded to full-screen view and will look great both on desktop and mobile devices.

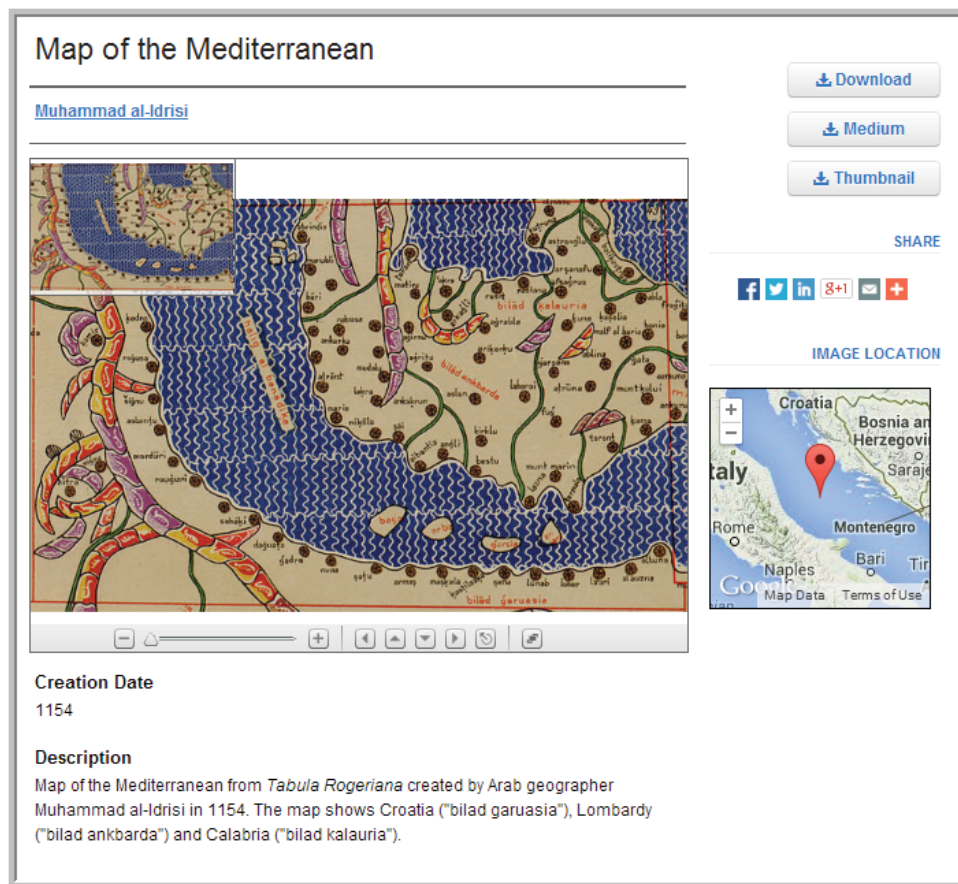


Figure 1 New Image Viewer with Pan/Zoom Features

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Images uploaded after the release will automatically receive the new viewer. Images uploaded prior to the release will receive it within two weeks. Administrators may continue to post and revise images while we complete implementation.

To read more about our support for rich, image-based collections in Digital Commons, see <http://blog.digitalcommons.bepress.com/2014/07/17/introducing-enhanced-image-viewing-for-digital-commons-collections/>.

### Readership Activity Map Enhancements

One of the new features included in the last release was the Digital Commons Readership Activity Map, a real-time visualization of full-text downloads across the globe. The community has since provided great suggestions to improve the map further, which we've implemented with this release.

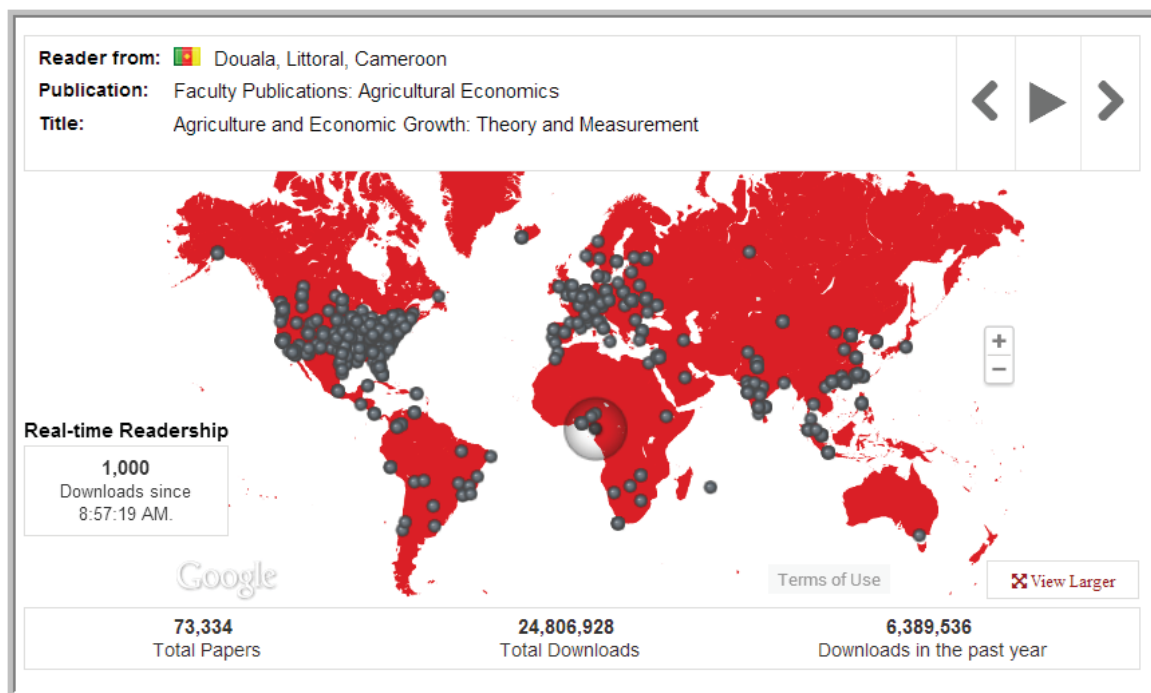


Figure 2 Enhanced Readership Activity Map

**New zoom capability** – Visitors can magnify the map to take a closer look at the location of the pins and determine more specific city, state, province, and country information.

**New “View Larger” option** – The map will allow visitors to click “View Larger” to see it in full-screen on a separate page, ideal for sharing the map on monitors around campus or in your library.

**New placement of the information card** – The information card is now at the top of the map to allow easier visualization of the entire globe and its pin locations.

**Updated text in the information card** – Before the first pin drops, the text that appears has been updated to clarify that the pins will appear in real-time, starting with the next download.

To read more about the map, see <http://blog.digitalcommons.bepress.com/2014/01/22/pioneering-a-new-tool-for-demonstrating-real-world-impact/>.

## New Featured Publications Page

Provide your visitors with a new view of your featured collections! Based on community feedback, we anticipate this feature will be a popular way to feature law reviews, special collections, and other high-value publications that aren't automatically featured on the current page of peer-reviewed publications.

From the Configuration tab of any publication, check the new "Featured Publication" checkbox, add a thumbnail if desired, and update the site level of your repository. The homepage will include a new "Featured Publications" link that will lead to a new webpage which displays the title, thumbnail, and introductory text (if any), so that visitors have a quick view of your selected collections.

The screenshot shows the Digital Commons@University of Nebraska - Lincoln website. The header features the University of Nebraska Lincoln logo and the site title. A navigation bar includes links for Home, About, FAQ, and My Account. The main content area is titled "Featured Publications" and lists three items:

- RURAL S: Review of Undergraduate Research in Agricultural and Life Sciences** (Agricultural Economics Department). ISSN 1559-3339. Description: A faculty-refereed journal devoted to the publication of high quality research by undergraduates worldwide in all research problem areas including, but not limited to, those described in the USDA, CSREES Manual of Classification of Agricultural and Forestry Research at [http://cwf.uvm.edu/cris/revman/manvi\\_rp.htm](http://cwf.uvm.edu/cris/revman/manvi_rp.htm). Includes a thumbnail of the journal cover.
- University of Nebraska-Lincoln Rodeo Association Historical Images** (Agricultural Sciences and Natural Resources, College of (CASNR)). Description: The mission of the UNL Rodeo Association is to confidently promote the sport of rodeo within, as well as beyond, the arena; encourage a higher level of scholastic achievement, preserve our western heritage, and maintain the highest regard for livestock. Includes a thumbnail of a rodeo rider.
- Zea E-Books** (Zea E-Books). Description: Zea E-Books is the digital publishing operation of the University of Nebraska-Lincoln Libraries. Includes a thumbnail of an open book.

The left sidebar contains a search bar, navigation links (Advanced Search, Search Help), and a "Browse" section with links for Collections and Author Corner (Author FAQ, Submit your paper or article). The footer includes the Digital Commons logo (powered by bepress) and navigation links for Home, About, FAQ, My Account, and Accessibility Statement.

Figure 3 New Featured Publications Page (Sample)

## Improved Filter to Measure Downloads

Reliable download counts are a high priority for all of us. Starting in April of this year, we noticed a dramatic increase in the number of downloads across all of Digital Commons. We quickly found that we were being crawled by a number of new, sophisticated bots originating from Ukraine, Poland, and China that outsmarted our existing bot filtering algorithms.

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To counteract those bots and protect the integrity of your download counts, we developed additional rules that will filter out these bots in real time in the future. We then applied those rules to the previously recorded download counts for April and May to eliminate any that were erroneously recorded.

To read more about our efforts to remove artificial downloads and help ensure the accuracy of our reports, see <http://blog.digitalcommons.bepress.com/2014/06/20/battling-wicked-bots-for-more-accurate-download-counts/>.

## Improvements to Usage Reports

### Usage Reports via Amazon S3

The administrative interface includes a Usage Reports tab that generates the number of downloads a publication or the entire repository has received. Instead of waiting for increasingly bulky reports attached to an email, administrators will now receive a notification email with a link to download the file from Amazon Simple Storage Service (S3). Links expire in seven days. We have used this method to deliver large reports for more than two years, and with this release we are expanding the service to all usage reports in anticipation of our community's growth.

### Unicode Characters Supported

Usage reports will now also be able to support characters in Unicode. This increases our ability to serve authors whose names or works include characters in languages such as Chinese, Japanese, and Korean.

To read more about usage reports, see <http://digitalcommons.bepress.com/reference/19/>.

## Revised Configurations for Administrators

Administrators have simple-to-use configurations to help them enable optional features, modify site text, and add administrative privileges to other users. With this release we optimized the order and descriptions of the configurations to make them even easier to use.

For additional assistance, browse the recently updated Administrator Configurations Guide at <http://digitalcommons.bepress.com/reference/6/>.

## 2GB File Size Limit Lifted

With the release, authors and administrators may submit files larger than 2GB to Digital Commons. Authors attempting to upload most files over 2GB (typically videos and datasets) will see a suggestion to use a high-bandwidth connection for best results. Word files will continue to observe an 800MB limit.

## Discipline Taxonomy Updates

New entries in the Digital Commons three-tiered taxonomy of academic disciplines include:

Arts and Humanities: Digital Humanities

Arts and Humanities: East Asian Languages and Societies: Chinese Studies (moved from second tier under Arts and Humanities)

Arts and Humanities: East Asian Languages and Societies: Japanese Studies

Arts and Humanities: East Asian Languages and Societies: Korean Studies

Arts and Humanities: English Language and Literature: Children's and Young Adult Literature

Arts and Humanities: Film and Media Studies: Film Production

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Arts and Humanities: Film and Media Studies: Screenwriting  
Arts and Humanities: History: Public History  
Arts and Humanities: Jewish Studies: Yiddish Language and Literature  
Arts and Humanities: Religion: Catholic Studies  
Education: Humane Education  
Education: Online and Distance Education  
Engineering: Aviation  
Engineering: Aviation: Maintenance Technology  
Engineering: Aviation: Management and Operations  
Law: Law and Gender  
Law: Law and Philosophy  
Law: Law and Race  
Life Sciences: Animal Sciences: Meat Science  
Life Sciences: Biology: Integrative Biology  
Medicine and Health Sciences: Medical Humanities  
Medicine and Health Sciences: Mental and Social Health: Animal-Assisted Therapy  
Medicine and Health Sciences: Translational Medical Research (replaces Medicine and Health Sciences: Knowledge Translation)  
Physical Sciences and Mathematics: Environmental Sciences: Environmental Education  
Social and Behavioral Sciences: Animal Studies  
Social and Behavioral Sciences: Economics: Regional Economics  
Social and Behavioral Sciences: International and Area Studies: Near and Middle Eastern Studies  
Social and Behavioral Sciences: Sociology: Domestic and Intimate Partner Violence

Withdrawn:

Engineering: Information and Library Science

Any submissions with that discipline were migrated to the closest match of  
Social and Behavioral Sciences: Library and Information Science

To browse the full taxonomy see <http://digitalcommons.bepress.com/reference/9/>.

For more information about the 7.9 release, please contact Consulting Services at 510-665-1200, opt. 2 or [support@dc.bepress.com](mailto:support@dc.bepress.com).