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School of Engineering
and Applied Sciences

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SCIENCE
AND
ENGINEERING
CONVERGE

OpenScholar and EconCS

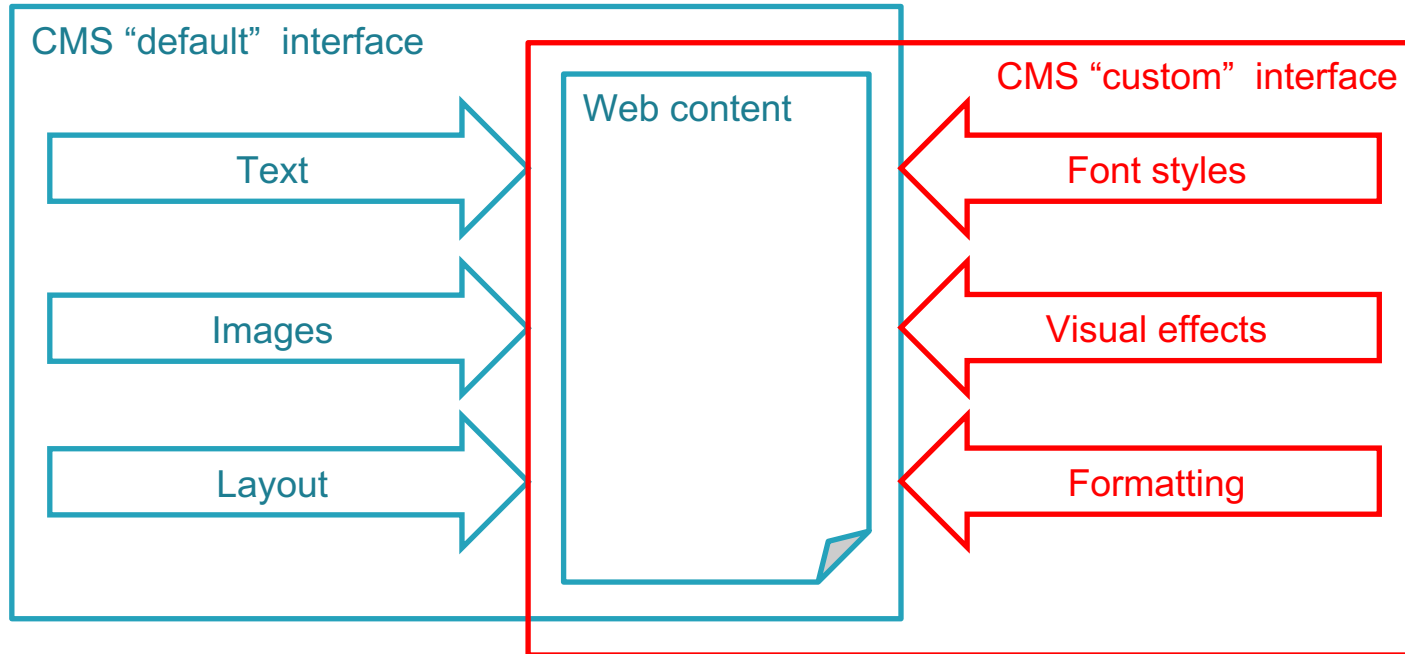
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Today's topics

- OpenScholar model
- OpenScholar basic knowledge and best practices
- User Experience guiding principles
- Resources



“Default” and “custom” editing





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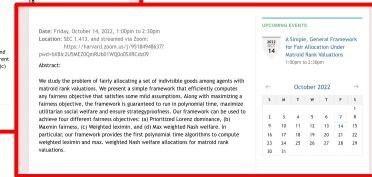
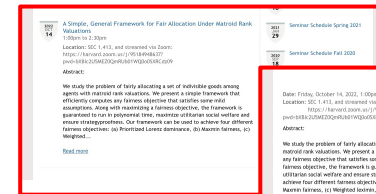
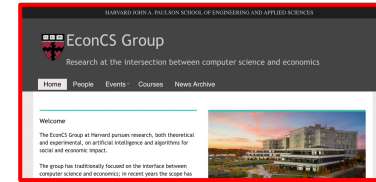
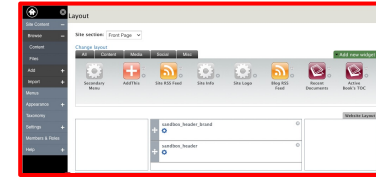
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OpenScholar

basic knowledge and best practices

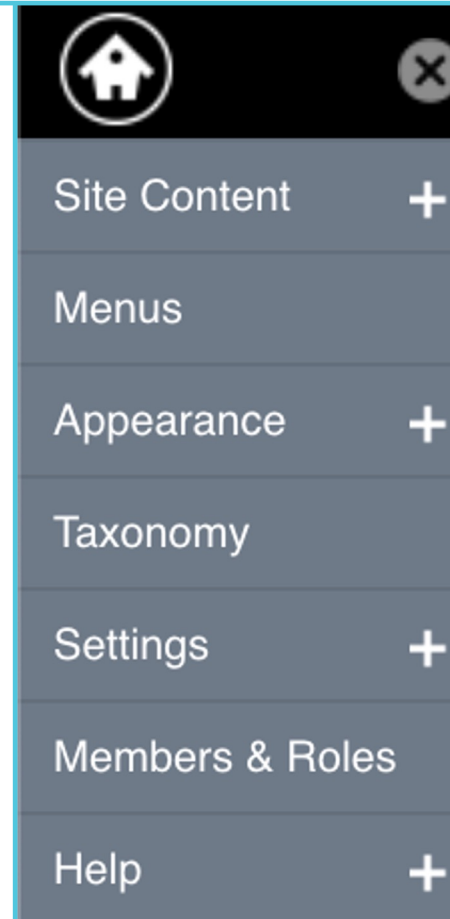
Overview

- Website administration
 - Administrative panel
- Content editing
 - Publishing view
 - Editing view
 - Layout
 - Content
- Content types
 - “Home” pages
 - Subpages



Administrative panel

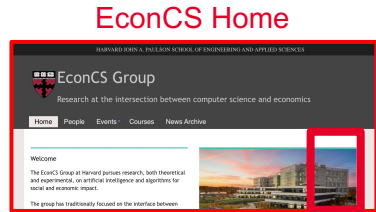
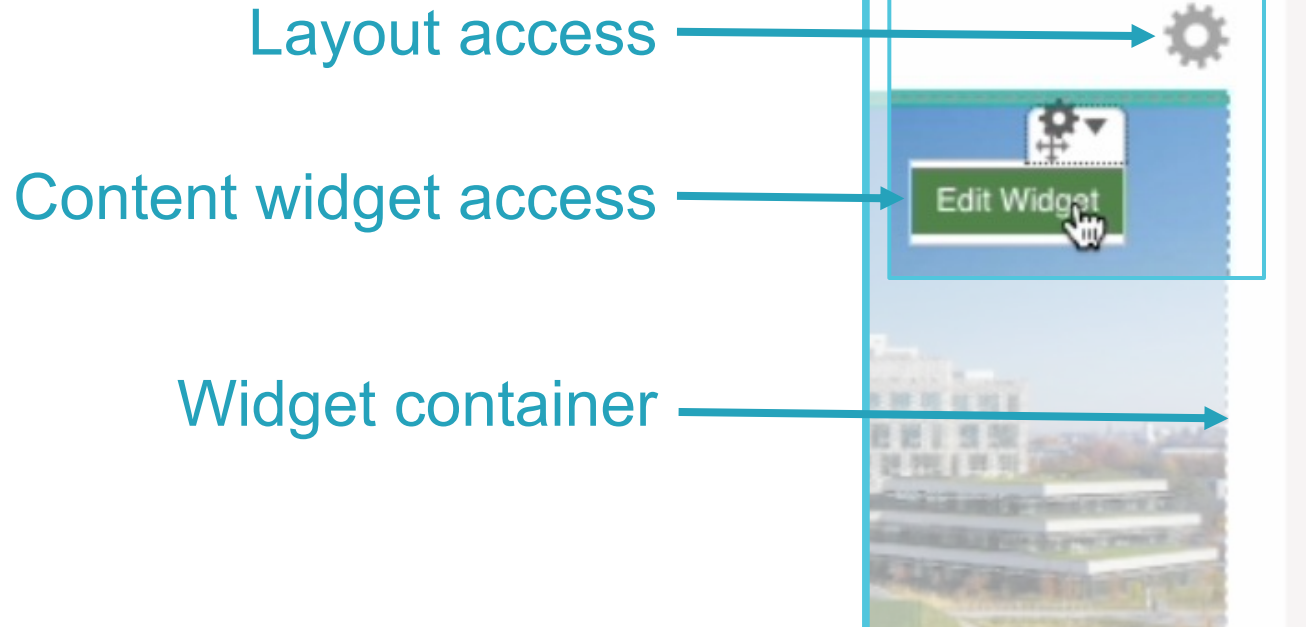
1. Site content
2. Menus
3. Appearance
4. Taxonomy
5. Settings
6. Members and Roles
7. Help



Administrative panel



Layout grid access

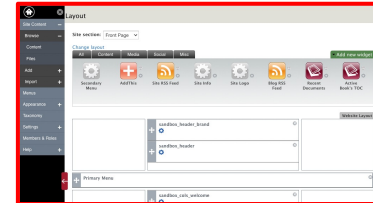


Layout grid

1. Standard and new widgets
2. Upper navigation
3. Upper tabs
4. Side column
5. Main content
6. Footer
7. Cascading style sheet (CSS) files

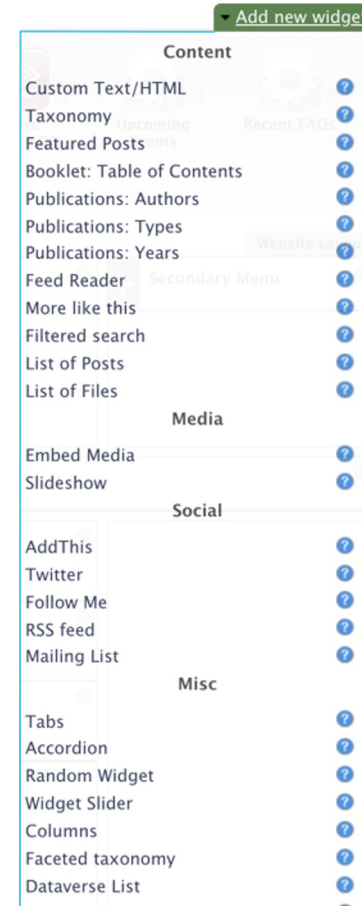
The screenshot shows the OpenScholar layout editor interface. At the top, there is a 'Site section' dropdown set to 'Front Page'. Below it is a 'Change layout' section with tabs for 'All', 'Content', 'Media', 'Social', and 'Misc'. A row of widgets is displayed, including 'Secondary Menu', 'AddThis', 'Site RSS Feed', 'Site Info', 'Site Logo', 'Blog RSS Feed', 'Recent Documents', and 'Active Book's TOC'. A vertical line on the left side of the grid is marked with numbers 1 through 7. The grid itself is divided into several sections: a top navigation bar (2), a row of tabs (3), a large central content area (5) with a side column (4), and a footer area (6). At the bottom, there are two CSS files listed: 'css_sandbox' and 'css_display_footer'. A 'Save for econcs' button is visible at the very bottom.

EconCS Research - layout

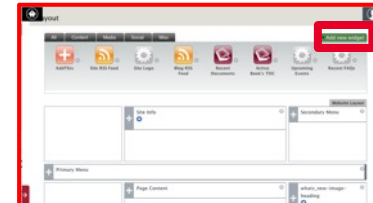


Adding content

- Content
 - Content and lists
- Media
 - Images, videos and CSS
- Social
 - Communication
- Misc
 - Content containers



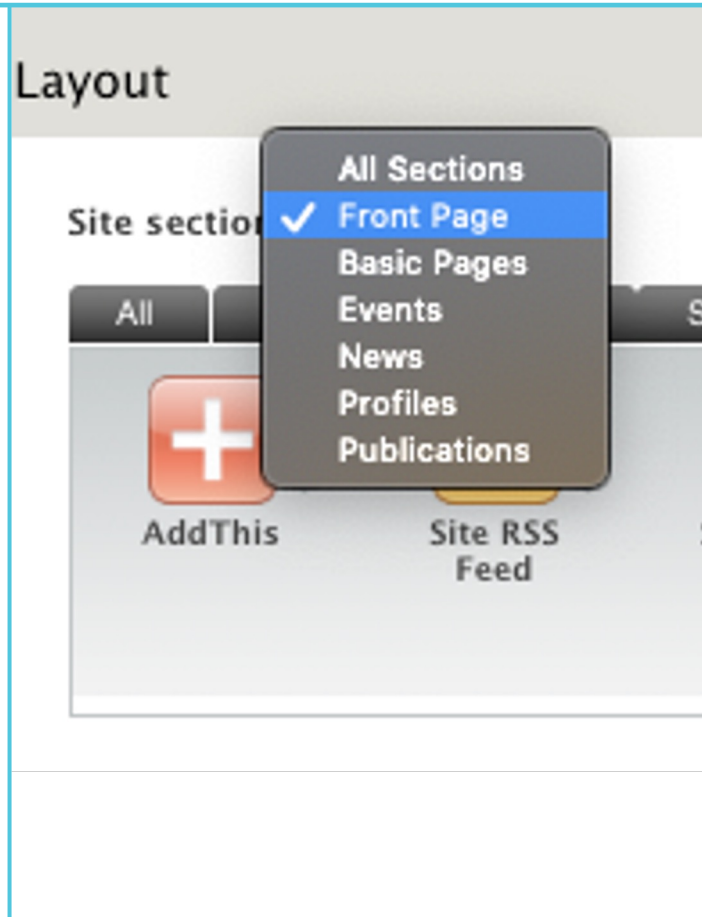
EconCS Research - layout
Add new widget



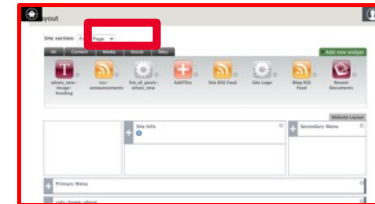
Layout editing

From layout grid

- All sections
- Specific page types

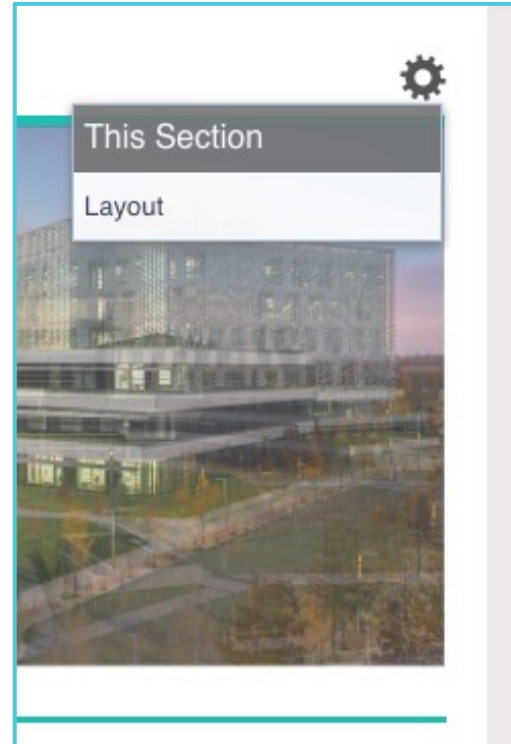


EconCS Home - layout Site Section

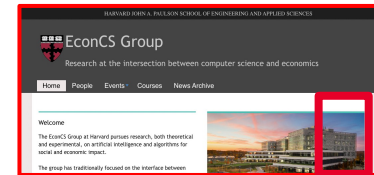


Layout editing

From each page, larger gear



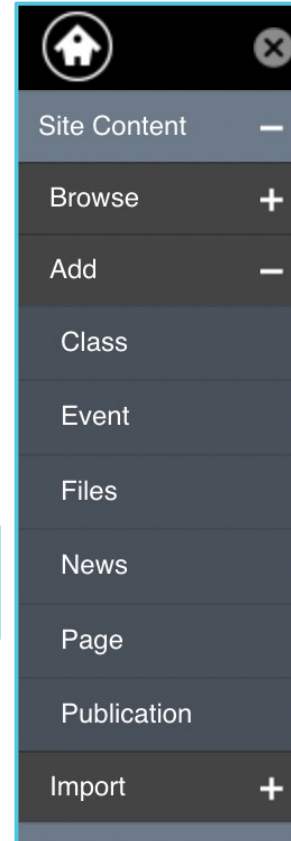
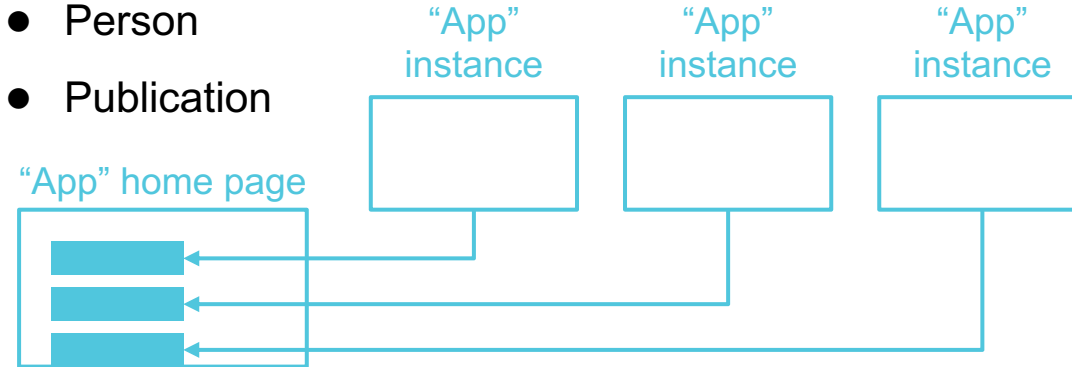
EconCS Home



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Content types

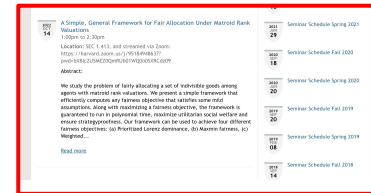
- (Calendar) Event
- News
- Page
- Person
- Publication



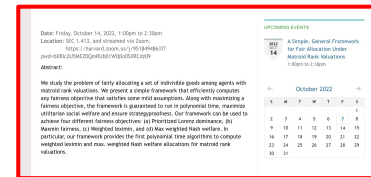
Site Content/Add/Page



Events home page



Single event page



Nomenclature

- Naming criteria
- Benefits
 - Search
 - Context
 - Grouping
 - Downloading

img_people_yiling_chen.jpg

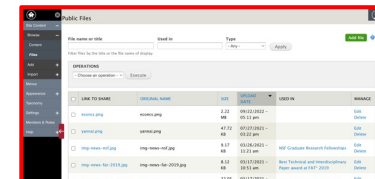
img-news-create.png

img-news-sscw.png

img-news-aamas.jpeg

img-news-ifaamas.png

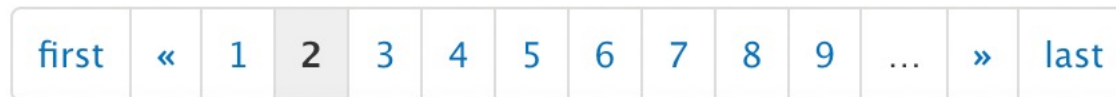
Site Content/Browse/Files



Maintenance

- Upon editing content
 - Remove unused assets
 - Update links to the website or external content
- Periodically
 - Keep information up to date

Detail of pagination for 42 pages of content objects, over 600 files



Information architecture

<https://econcs.seas.harvard.edu/ux>











The screenshot displays the website header for the Harvard John A. Paulson School of Engineering and Applied Sciences. The main navigation bar includes links for Home, People, Events, Courses, and News Archive. A sidebar on the left is titled 'ECONCS WEBSITE USER EXPERIENCE' and contains a 'Website Map' link. The main content area is titled 'Content structure of the EconCS website' and lists the following items:

- [Home](#)
- [People](#)
- Events
 - [EconCS Seminars](#)
 - [AI and Economics Seminar 2020-2021](#)



Storage

Name
>  img
>  publications
>  announcements
>  research
✓  people
>  group-photo
>  alumni
>  news



Google Drive



OneDrive



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CampusPress

- No new OpenScholar websites
- CampusPress
 - Harvard licensed and supported CMS
 - WordPress-powered academic platform
 - [CampusPress at Harvard](#)
 - [Getting Started with CampusPress](#) (HarvardKey login required)
 - [CampusPress tutorials](#) and [Support and Knowledgebase](#)
 - Harvard Training Portal training





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User Experience guiding principles

User Experience

Practices

- **Usability**
 - The degree to which something is able or fit to be used.
- **Responsiveness**
 - The degree to which a product responds (or changes) based on the needs of the users and the device.
- **Accessibility**
 - The degree to which a product product (for example, a website, mobile site, digital TV interface or application) can be used by people of all abilities and disabilities.



Usability

A usable interface has three main outcomes:

1. Familiarity with and competence in using the user interface during the first contact with the website.
2. Achieve with ease the objective through using the website.
3. Remember the user interface and how to use it on subsequent visits.

(Reference: [Interaction Design Foundation](#))

Practices

- User testing



Responsiveness

Ensure that digital content can be successfully accessed from a mobile device:

- Design with "**Mobile in mind**" as you create your website to ensure simplicity and effectiveness.
- Make critical content **easy to navigate**.
- Avoid **horizontal scrolling**.
- Make content **readable** and the font size **scale** appropriately.
- Ensure that interactive elements (links, buttons, checkboxes, etc.) have enough space around them to allow **easy selection and interaction**.

Practices

- User testing
- Device testing



Accessibility

Ensure that digital content can be used by people of all abilities and disabilities:

- [Online Accessibility website](#)
 - [10 Essentials for Content Creators](#)
- Image alt information
- Headings (h1, h2, etc.) structure
- Color contrast
 - [Color contrast checker](#)

Practices

- User testing
- Assistive technology testing



Resources

- [OpenScholar online tutorials](#) - Refer to this information to publish your digital content.
- [SEAS identity guidelines](#) - Ensure a positive user experience and branding.
- [Harvard Online Accessibility](#) - Make your content accessible to a broad range of users by referring to the [Content Creator 10 Essentials](#).
- [SEAS Office of Computing](#).



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Questions?



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