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School of Engineering
and Applied Sciences

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OpenScholar and ATMOS

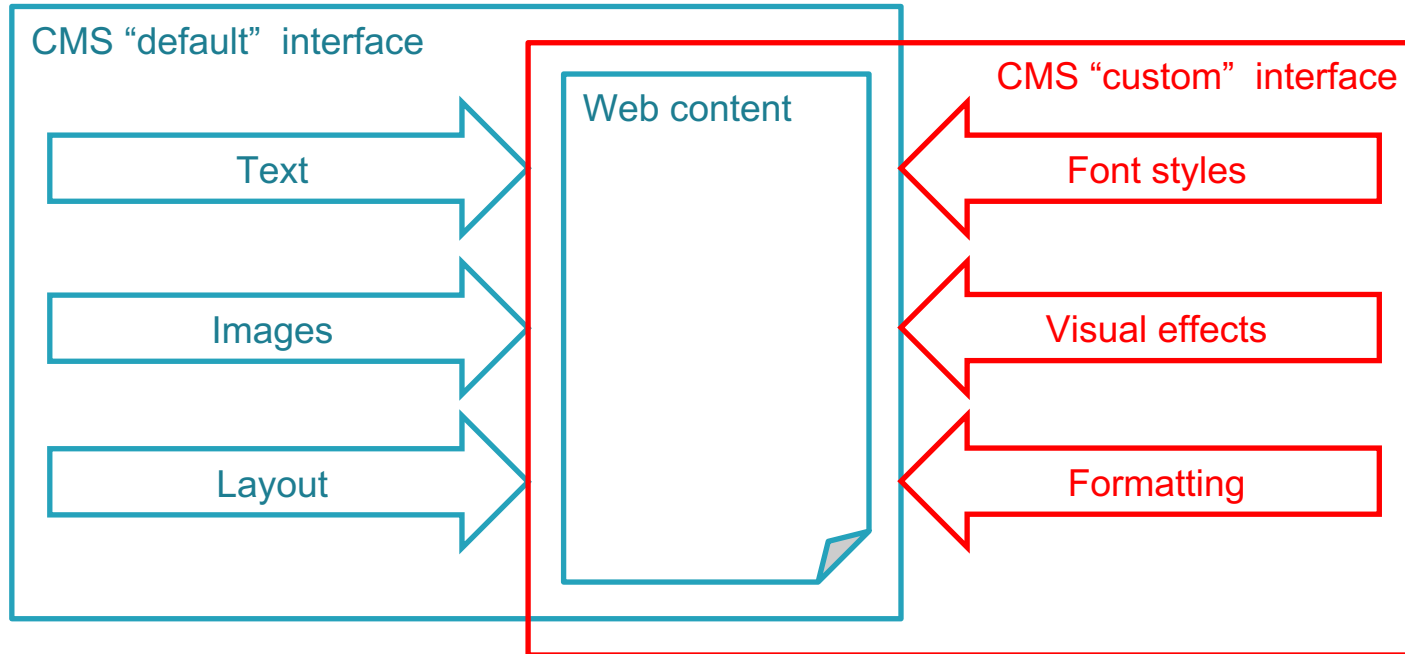
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Today's topics

- OpenScholar model
- Basic OpenScholar knowledge and practices
- User Experience guiding principles
- Resources



“Default” and “custom” editing





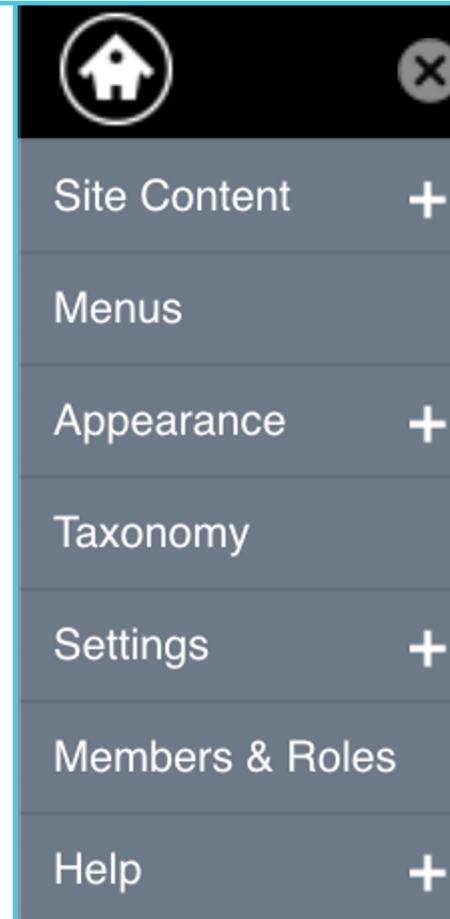
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Basic OpenScholar knowledge and practices

Administrative panel

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



Administrative panel

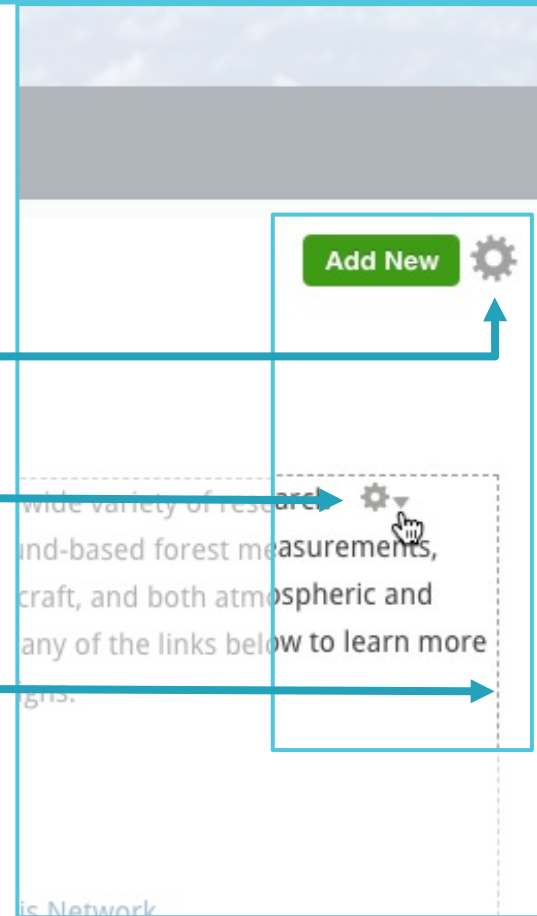


Layout grid access

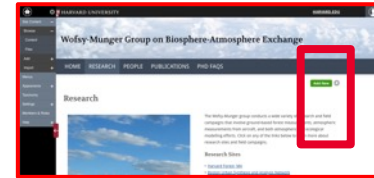
Layout access

Content widget access

Widget container



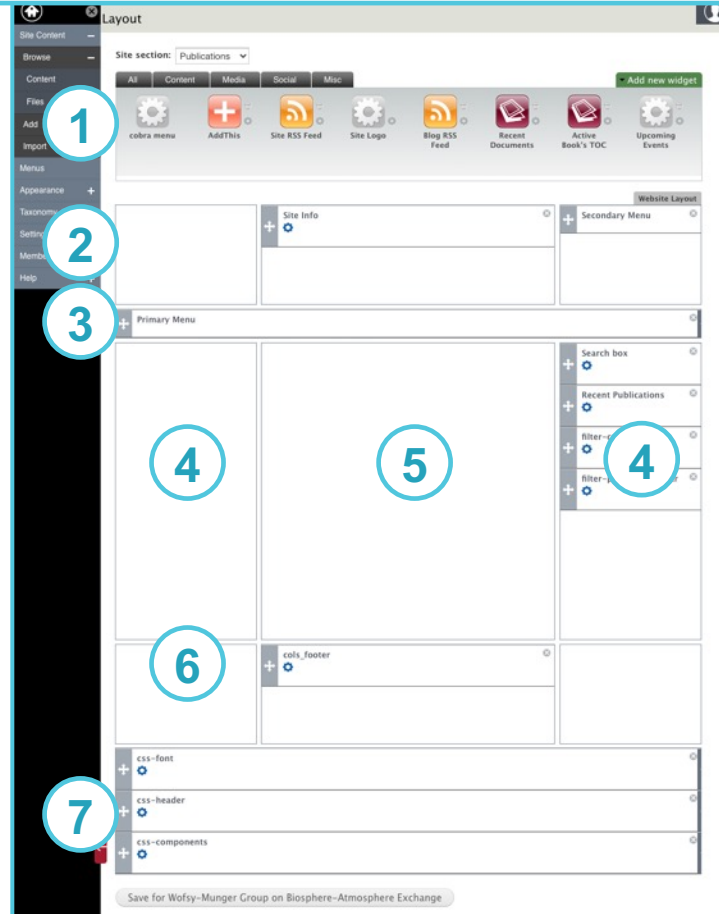
ATMOS Research



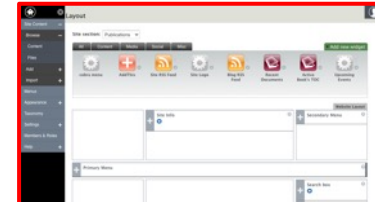
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Layout grid

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

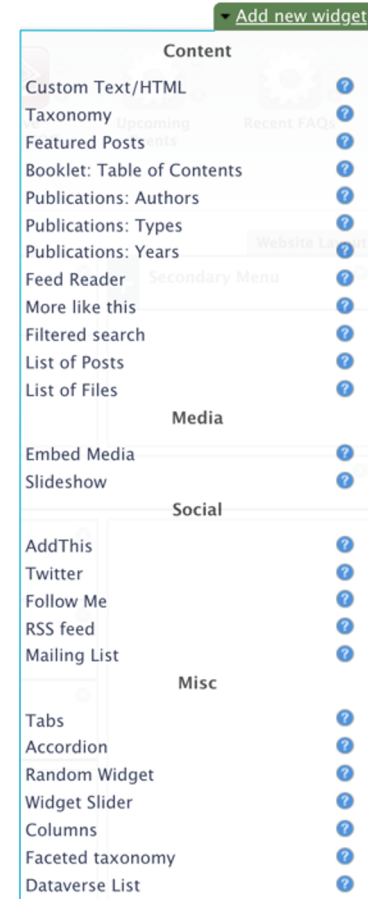


ATMOS Research - layout

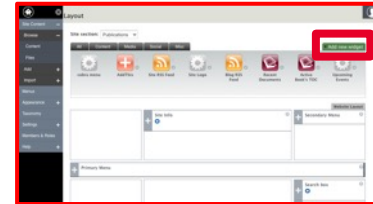


Adding content

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



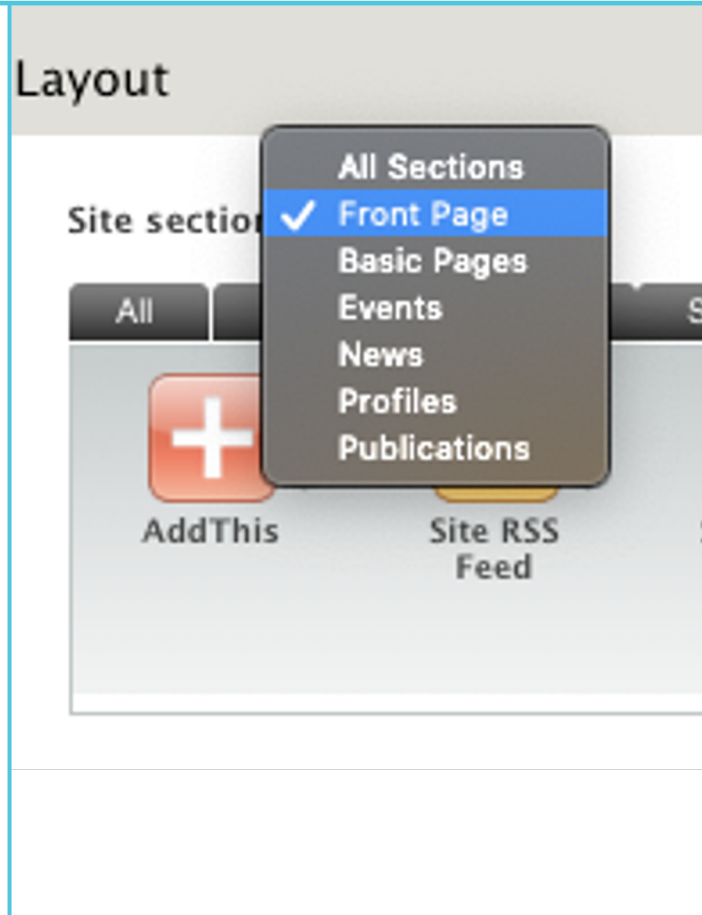
ATMOS Research - layout
Add new widget



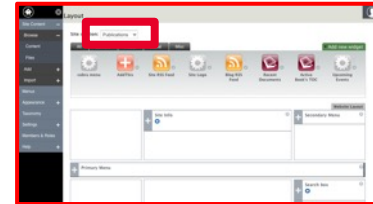
Layout editing

From layout grid

- All sections
- Specific page types



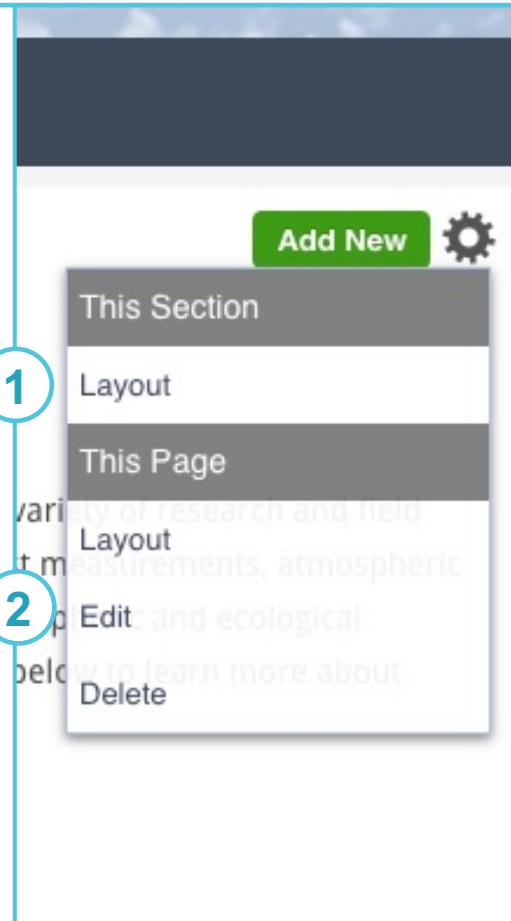
ATMOS Research/Layout Site Section



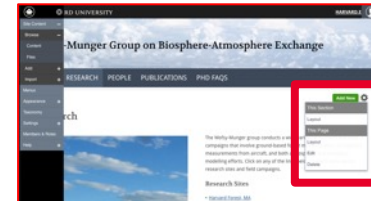
Layout editing

From a page type

1. Layout of all the pages within this section
2. Layout of this specific page

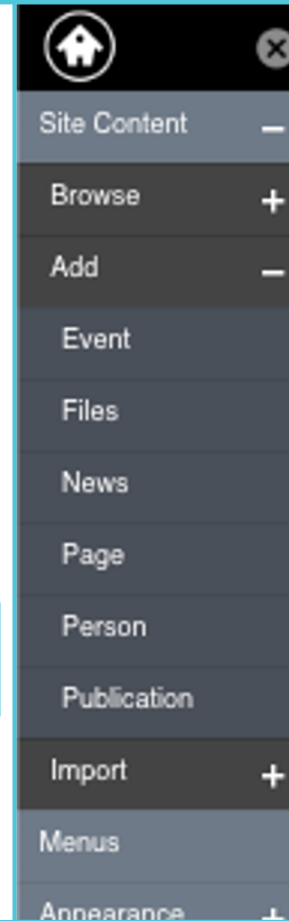
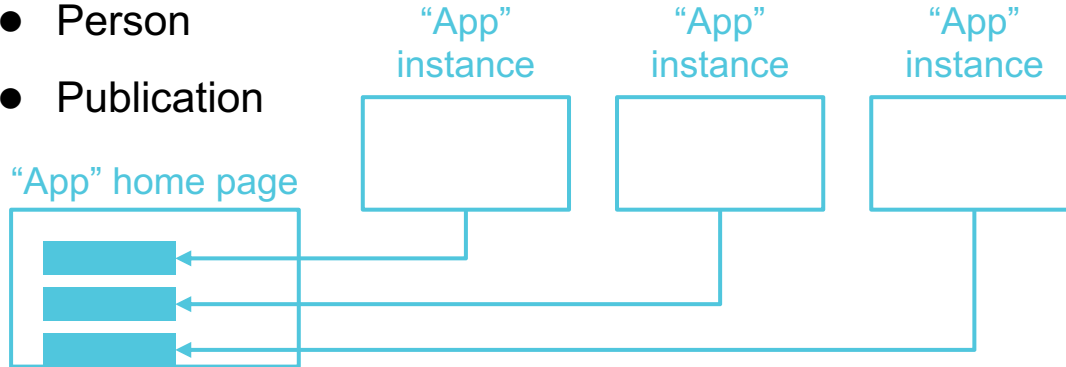


ATMOS Research
Add New



Content types

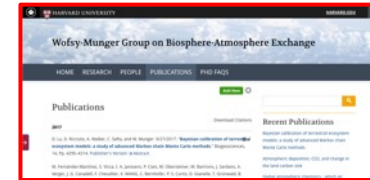
- (Calendar) Event
- News
- Page
- Person
- Publication



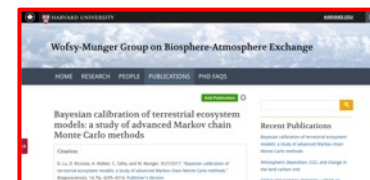
Site Content/Add/Page



Publications home page



Single publications page



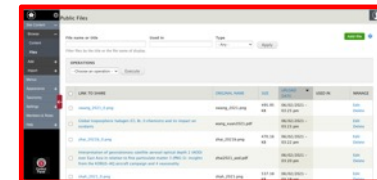
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Nomenclature

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

- img-harvard_forest-forest_management-7.jpeg
- img-harvard_forest-forest_management-6.jpeg
- img-harvard_forest-forest_management-5.jpeg
- img-harvard_forest-forest_management-4.jpeg
- img-harvard_forest-forest_management-3.jpeg
- img-harvard_ img-people-dayalu_0.png
- img-harvard_ img-people-dayalu.png
- img-slidesho img-people-goulden_0.png
- img-slidesho img-people-goulden.png

Site Content/Browse/Files



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Maintenance

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

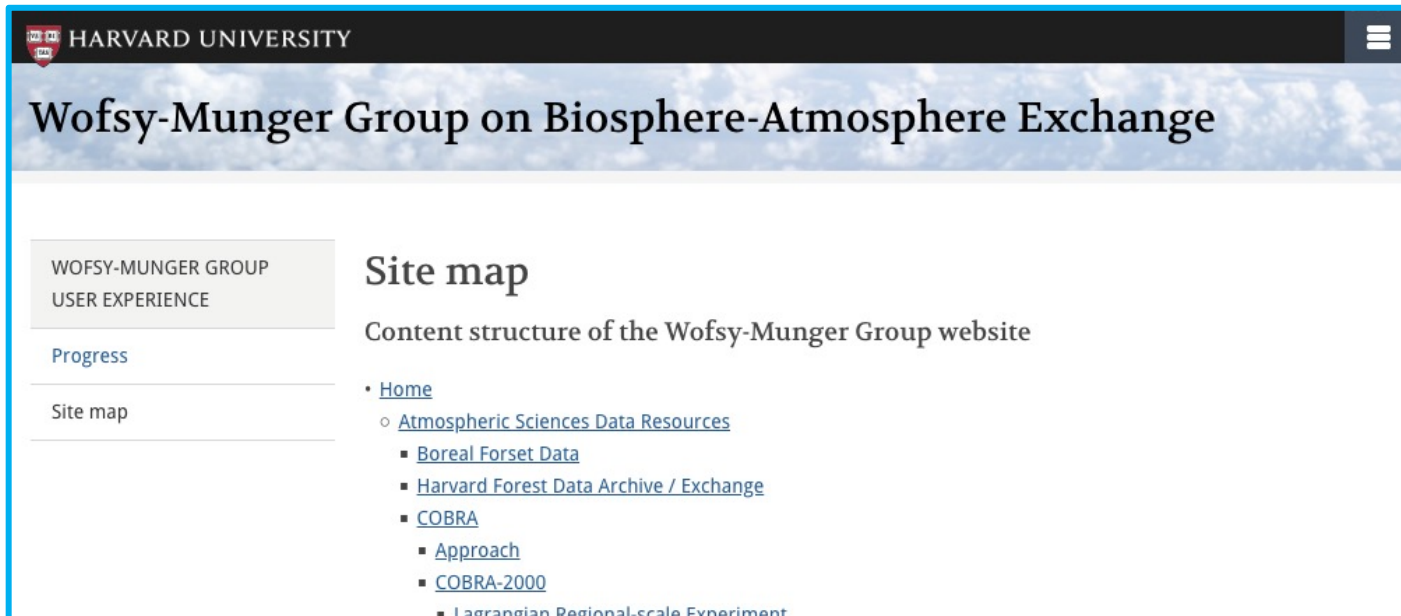
Detail of pagination for 34 pages of content objects

first	«	26	27	28	29	30	31	32	33	34
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Information architecture

<https://projects.iq.harvard.edu/atmos/ux>



The screenshot shows a web browser displaying the Harvard University website for the Wofsy-Munger Group on Biosphere-Atmosphere Exchange. The page features a dark header with the Harvard University logo and name, and a hamburger menu icon. Below the header is a large banner image of a blue sky with white clouds. The main content area is divided into a left sidebar and a main content area. The sidebar contains a grey box with the text 'WOFSY-MUNGER GROUP USER EXPERIENCE', a 'Progress' section, and a 'Site map' section. The main content area has a heading 'Site map' and a sub-heading 'Content structure of the Wofsy-Munger Group website'. Below this is a list of links: 'Home', 'Atmospheric Sciences Data Resources' (with sub-links for 'Boreal Forset Data', 'Harvard Forest Data Archive / Exchange', and 'COBRA'), 'Approach', 'COBRA-2000', and 'Lagrangian Regional-scale Experiment'.

HARVARD UNIVERSITY

Wofsy-Munger Group on Biosphere-Atmosphere Exchange

WOFSY-MUNGER GROUP
USER EXPERIENCE

Progress

Site map

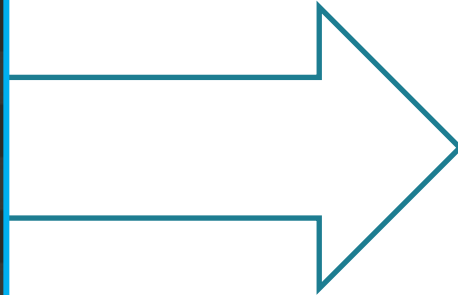
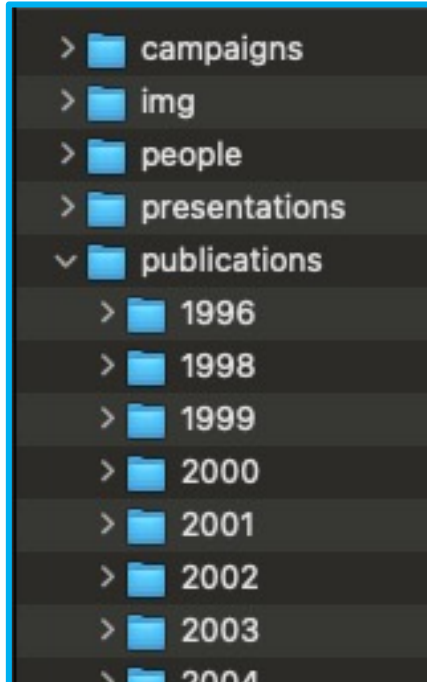
Site map

Content structure of the Wofsy-Munger Group website

- [Home](#)
- [Atmospheric Sciences Data Resources](#)
 - [Boreal Forset Data](#)
 - [Harvard Forest Data Archive / Exchange](#)
 - [COBRA](#)
 - [Approach](#)
 - [COBRA-2000](#)
 - [Lagrangian Regional-scale Experiment](#)



Storage



Google Drive



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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

- [Open Scholar 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](#).
- Office of Computing.



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Questions?



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