

# High-level accessibility review – LAA (Westlaw Campus Research PhilPapers platform)

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## (Westlaw Campus Research PhilPapers platform)

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# Westlaw Campus Research PhilPapers platform

## Summary

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### Top 3 problems for the Westlaw Campus Research PhilPapers platform

This high-level assessment covers limited portions and functionality of the Westlaw Campus Research PhilPapers platform. The assessment revealed issues with assistive technology compatibility, resulting in some users missing information required to understand content, states and operate functions. It is important to keep in mind that the findings represent a high-level assessment, and do not reflect the results of a Deque Comprehensive Web Assessment.

1. **Name, Role, Value** – There are multiple occurrences of aria-attributes being assigned to elements that do not support them as well as multiple instances of aria-attributes with incorrect values.
2. **Non-text Content** – The logo on all pages is set as decorative but should not be.
3. **Keyboard** – Within the search results page there are occurrences of active elements that cannot be used with the keyboard alone.

### Review of Top Accessibility issues from previous evaluation

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Majority of the issues have been resolved. The main issue that remains is context-menus (e.g., right-clicking on content) are blocked throughout the site. There are still a few issues with reaching elements with the keyboard alone. Those are noted below in the accessibility findings.

### Accessibility findings

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#### Project wide issues

The issues presented in this section were identified in multiple pages and are recorded here to avoid repetition. These are applicable to each screen. Due to particularities, similar issues are still reported on a page per page basis, where applicable.

#### Automated findings using Axe

Issues found through automated testing come from the Axe plugin, an open source accessibility testing tool that is available for Chrome, Firefox and Edge. Details here: <https://www.deque.com/products/axe/>.

1. **SC 2.4.4 A** – Link Purpose (in context) – The logo link (Thomson Reuters Westlaw) does not have discernable text. Since the image is set as decorative with alt="" there is no link text to read for screen reader users.

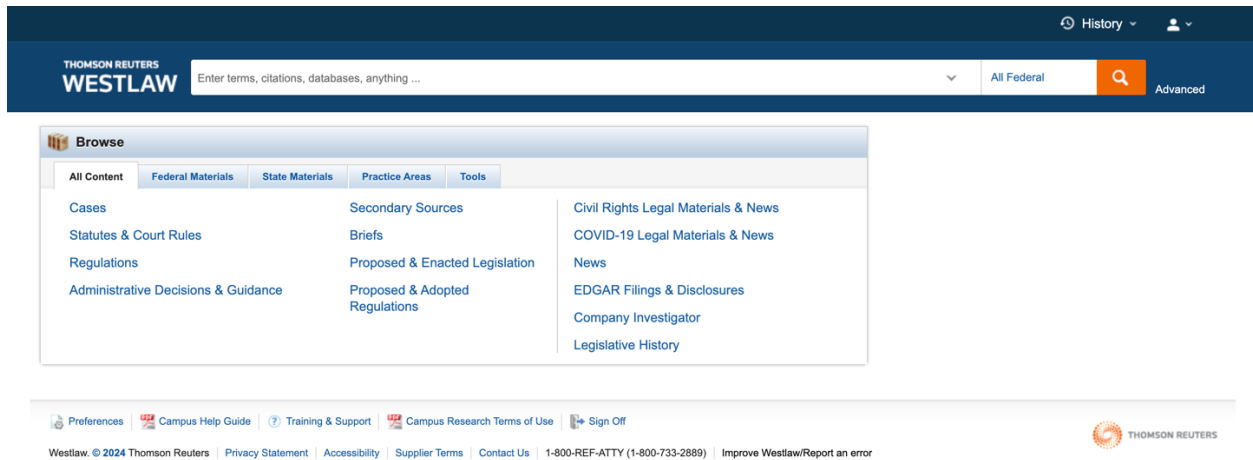
#### Additional manual findings using NVDA screen reader

1. **SC 1.1.1 A** – Non-text content – The logo (Thomson Reuters Westlaw) is set as decorative but is not, so it requires informative alternative text.
2. **SC 4.1.2 A** – Name, Role, Value – History menu is missing expand/collapse (aria-expanded) attribute on initial load, so screen readers do not know the menu expands.
3. **SC 4.1.2 A** – Name, Role, Value – Settings & Sign off menu is missing expand/collapse (aria-expanded) so screen readers do not know the menu expands.
4. **SC 4.1.2 A** – Name, Role, Value – Settings & Sign off menu is set as a link but functions as a button with an expandable menu.

## 1. Landing Page

**Source:** <https://1-next-westlaw-com.offcampus.lib.washington.edu/Search/Home.html?transitionType=Default&contextData=%28sc.Default%29>.

**Test case:** Test initial interface/landing page to ensure menus, sub-menus, search box, images, icons, etc. are accessible.



### Automated findings using Axe

1. **SC 4.1.2 A** – Name, Role, Value – Interactive controls are nested. The tabs (All Content, Federal Materials, State Materials, and Tools) contain links.

### Additional manual findings using NVDA screen reader

1. **SC 1.1.1 A** – Non-text content – Under the Tools tab there are two sections that contain images and the alt text for the images is duplicate of the text to the right. The images should be marked as decorative (alt="").

## 2. Search Results – accessibility

Source: <https://1-next-westlaw->

[com.offcampus.lib.washington.edu/Search/Results.html?query=Accessibility&jurisdiction=ALLFEDS&contentType=REGULATION&querySubmissionGuid=i0a8990f800000192966f8e4cc6ece563&searchId=i0a8990f80000192966e18455006003b&transitionType=ListViewType&contextData=\(sc.Search\)](https://1-next-westlaw-com.offcampus.lib.washington.edu/Search/Results.html?query=Accessibility&jurisdiction=ALLFEDS&contentType=REGULATION&querySubmissionGuid=i0a8990f800000192966f8e4cc6ece563&searchId=i0a8990f80000192966e18455006003b&transitionType=ListViewType&contextData=(sc.Search))

**Test case:** From the initial landing page, conduct a search for: “Accessibility”. Test search results page, including filters/refine search and sort by options. Select filter “Regulations”. Sort by “Table of contents”.

The screenshot shows the Westlaw search results page for 'Regulations' (1,497 results). The page is sorted by 'Table of Contents'. Three items are visible, each with accessibility findings highlighted in yellow:

- 1. § 457.149 Program accessibility: Discrimination prohibited.**  
1 C.F.R. § 457.149 Code of Federal Regulations  
Code of Federal Regulations  
Title 1. General Provisions  
Chapter IV. Miscellaneous Agencies  
Part 457. Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities Conducted by the National Capital Planning Commission  
...§ 457.149 Program **accessibility**. Discrimination prohibited....
- 2. § 457.150 Program accessibility: Existing facilities.**  
1 C.F.R. § 457.150 Code of Federal Regulations  
Code of Federal Regulations  
Title 1. General Provisions  
Chapter IV. Miscellaneous Agencies  
Part 457. Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities Conducted by the National Capital Planning Commission  
... The agency may comply with the requirements of this section through such means as redesign of equipment, reassignment of services to **accessible** buildings, assignment of aides to beneficiaries, home visits, delivery of services at alternate **accessible** sites, alteration of existing facilities and construction of new facilities, use of **accessible** rolling stock, or any other methods that result in making its programs or activities readily **accessible** to and usable by handicapped persons...  
...(2) Describe in detail the methods that will be used to make the facilities **accessible**....
- 3. § 457.151 Program accessibility: New construction and alterations.**  
1 C.F.R. § 457.151 Code of Federal Regulations  
Code of Federal Regulations  
Title 1. General Provisions  
Chapter IV. Miscellaneous Agencies  
Part 457. Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities Conducted by the National Capital Planning Commission  
...Each building or part of a building that is constructed or altered by, on behalf of, or for the use of the agency shall be designed, constructed, or

On the right side, there are 'RELATED DOCUMENTS' including 'Secondary Sources' and 'TRANSNATIONAL ACCESS TO JUSTICE'.

### Automated findings using Axe

No automated issues found that were specific to this page.

### Additional manual findings using NVDA screen reader

- SC 2.1.1 A – Keyboard** – Under the kindle dialog box there is a tooltip button that can be reached with the keyboard but not activated with the keyboard alone. The only way to activate the tooltip is to hover over it.
- SC 2.4.3 A – Focus Order** – In the email dialog the first visible field is the “To” field this however is skipped in the focus order and is not reached until the end of the form fields.

### 3. Search Results Landing Page

**Source:** [https://1-next-westlaw-com.offcampus.lib.washington.edu/Document/N3A30D4107EB111D9BF2BB0A94FBB0D8D/View/FullText.html?transitionType=SearchItem&contextData=\(sc.Search\)](https://1-next-westlaw-com.offcampus.lib.washington.edu/Document/N3A30D4107EB111D9BF2BB0A94FBB0D8D/View/FullText.html?transitionType=SearchItem&contextData=(sc.Search))

**Test case:** Test individual search result landing page & test actual document.

The screenshot shows a Westlaw search result page. At the top, there is a navigation bar with the Thomson Reuters logo, a search bar containing 'accessibility', and a dropdown menu set to 'All Federal'. Below the navigation bar, the search results are displayed for '§ 457.149 Program accessibility: Discrimination prohibited.' The page includes a breadcrumb trail: 'Code of Federal Regulations > Title 1. General Provisions > Chapter IV. Miscellaneous Agencies > Part 457. Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities Conducted by the National Capital Planning Commission (Refs & Annos)'. The main content area displays the text of the regulation: '1 C.F.R. § 457.149 § 457.149 Program accessibility: Discrimination prohibited.' Below the text, there is a 'Currentness' link and a paragraph of text: 'Except as otherwise provided in § 457.150, no qualified handicapped person shall, because the agency's facilities are inaccessible to or unusable by handicapped persons, be denied the benefits of, be excluded from participation in, or otherwise be subjected to discrimination under any program or activity conducted by the agency.' The page also includes source and authority information: 'SOURCE: 51 FR 22887, 22896, June 23, 1986, unless otherwise noted.' and 'AUTHORITY: 29 U.S.C. 794.' At the bottom, there is a footer with 'End of Document' and '© 2024 Thomson Reuters. No claim to original U.S. Government Works.'

#### Automated findings using Axe

1. **SC 1.4.3 AA – Contrast –** The tabs that are supposed to be disabled are not disabled properly so the contrast is an issue. Fix issue 4.1.2 for the tabs below and this will also fix this issue.
2. **SC 2.4.4 A – Link Purpose (In Context) –** The collapse button (minus) does not have an accessible name.
3. **SC 4.1.2 A – Name, Role, Value –** The disabled tabs (Notes of decisions, Citing References and Context & Analysis) have an attribute of aria-disabled, but the value is not correct. The value should be set as aria-disabled="true".
4. **SC 4.1.2 A – Name, Role, Value –** The section selector (`<span aria-label="Section">§</span>`) has an aria-label applied which is not supported on a span tag with no defined role.

#### Additional manual findings using NVDA screen reader

1. **SC 1.4.1 A – Use of Color –** The disabled/enabled status of the previous and next buttons are only indicated by color. Inactive are gray (#8B8B8B) and active are green (#009625) which only have a contrast ratio of 1.1:1. The colors need to have at least 3:1 contrast to pass.
2. **SC 4.1.2 A – Name, Role, Value –** The disabled previous and next buttons are missing the aria-disabled attribute.

## 4. Advanced Search

**Source:** [https://1-next-westlaw-com.offcampus.lib.washington.edu/Search/AdvancedSearchPage.html?originUrlPath=%2FSearch%2FHome.html&transitionType=Default&contextData=\(sc.Default\)](https://1-next-westlaw-com.offcampus.lib.washington.edu/Search/AdvancedSearchPage.html?originUrlPath=%2FSearch%2FHome.html&transitionType=Default&contextData=(sc.Default))

**Test case:** Test Advanced Search

THOMSON REUTERS  
**WESTLAW** All Content advanced: All Federal

Home  
Advanced Search

Use at least one field to create a Boolean Terms & Connectors query.

**Find documents that have**

All of these terms  
e.g., construction defect (searched as construction & defect)  
 Term frequency

Any of these terms  
e.g., physician surgeon (searched as physician OR surgeon)  
 Term frequency

This exact phrase  
e.g., medical malpractice (searched as "medical malpractice")  
 Term frequency

But not any of these terms  
e.g., residence domicile (searched as "% residence domicile")

**Document Fields (Boolean Terms & Connectors Only)**

Date  
All

Citation

Name / Title

**Connectors and Expanders**

- & AND
- /s In same sentence
- or OR
- +s Preceding within sentence
- /p In same paragraph
- ~ Phrase
- \*p Preceding within paragraph
- % But not
- SPACE OR
- /n Within n terms of
- | Root expander
- +n Preceding within n terms of
- Universal character
- # Prefix to turn off plurals and equivalents

Preferences Campus Help Guide Training & Support Campus Research Terms of Use Sign Off

Westlaw. © 2024 Thomson Reuters Privacy Statement Accessibility Supplier Terms Contact Us 1-800-REF-ATTY (1-800-733-2889) Improve Westlaw/Report an error

### Automated findings using Axe

No automated issues found that were specific to this page.

### Additional manual findings using NVDA screen reader

1. **SC 4.1.2 A – Name, Role, Value** – The date field functions as a combo box but is missing a proper role and proper attribute of aria-selected for the selected value.