

Accessibility Performance Report

Date of Review	14 April 2021
Name of Product Reviewed	Geofacets
Version Number or Date of Release	(accessed on 14 April 2021 after apparent recent update)
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Findings

Lack of Sufficient Alternative for Non-text Content

- Homepage: The map is not communicated in any way with text alternatives to screen reader users. The 'X' close button for various popups does not have alternative text. The overlay logo images need specific alt text.
- Search Results: The alt text for search results thumbnails is meaningless. The map dots should have alternative text that also states the latitude and longitude of the dot.
Result Page: The map is not communicated in any way with text alternatives to screen reader users. The alt text for the thumbnail images should be the same as the title attribute text. The publisher logo should have alt text stating the publisher name. The pin locations on the map are images with no alt text. The enlarged figure image does not have alt text.
- My Lists: The thumbnail alt text for each list item should be unique.
- Edit Profile: The bullet used to mark required fields does not have alternative text.

Insufficient Color Contrast

This appears in several minor/non-critical locations. The most critical is:

- My Lists: The light gray text in each list item does not have enough contrast at 2.96:1.

Lack of Keyboard Support

- Header: The checkboxes in the Login and Register modals cannot be reached by keyboard. The expandable '+' element in the Registration modal cannot be reached by keyboard.
- Homepage: The Overlay popups tabs are marked as ARIA tabs but cannot be moved between with arrow keys. The radio buttons for different searches cannot be reached by keyboard. The 'X' close buttons for various popups cannot be reached by keyboard. The Jump to Region links cannot be reached by keyboard. Users cannot perform Rectangle or Polygon searches with the keyboard unless the search string for it is known and copied into the search box. Users cannot expand or collapse the News popup with the keyboard. The "Previous" and "Next" buttons should not be reachable with keyboard if they are disabled.
- Search Results: The Refine Results expand/collapse elements cannot be reached by keyboard. The checkboxes cannot be reached by keyboard. The Thumbnail size radio buttons cannot be reached by keyboard. The more options buttons for each thumbnail only appear on mouse hover. Source documents checkboxes and Download References radio buttons cannot be reached by keyboard. The maximize/minimize panel buttons cannot be reached by keyboard.
- Result Page: The thumbnail images (under Content Within Article) cannot be reached by keyboard. The "<" and ">" links at the top of the page should not be reached when disabled. The Result and Article Info links are marked as ARIA tabs but cannot be moved between with arrow keys.
- My Saved Searches: The checkbox switch for alerts cannot be reached by keyboard. Pressing enter on the page always brings up a Download modal. The set of links are marked as ARIA tabs but cannot be moved between with arrow keys.
- My Lists: The map cannot be panned with the keyboard. Pressing Enter on the page always brings up a Download modal. The set of links are marked as ARIA tabs but cannot be moved between with arrow keys.
- Edit Profile: All the checkboxes cannot be reached by keyboard. The set of links are marked as ARIA tabs but cannot be moved between with arrow keys.
- Focus order is often non-intuitive and difficult to use, for example when a popup window appears, it is not in keyboard focus.
- Keyboard focus indicator is missing in some contexts, such as the magnifying glass for searching.
- No skip navigation is provided.
- Form inputs and other interactive are not sufficiently labeled with tags or sufficiently interactive via keyboard.

Lack of Fully Resizable Display Utility

- Geofacets does not have a responsive view, which causes scrolling in two directions at smaller screen sizes or if users need to increase size of text, etc.

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