

# Accessibility Roadmap

## Vendor/Product Information

Vendor Name	IEEE <i>Xplore</i> Digital Library
Product Name	IEEE <i>Xplore</i> Digital Library
Product Version	8.7
Completion Date	24 January, 2025
Contact Name/Title	Rick Blount, Web Content Manager
Contact Email/Phone	<a href="mailto:r.blount@ieee.org">r.blount@ieee.org</a> , US & Canada: +1 800 678 4333 / Worldwide: +1 732 981 0060

## Specific Issues

Issue Description	Current Status (Open, Closed, I/P)	Disposition (Planned, Deferred, I/P)	Remediation Timeline	Available Workarounds	Comments
Alerts Page Updates Add labels to elements and improve keyboard tab navigation.	Closed				Product version 7.8 23 January, 2024
Document Page Add expand/collapse state information for an expandable element. Useful for assistive technologies.	Closed				Product version 7.8 23 January, 2024
Document Page Keyword Section Update Add helpful text to give users an understanding of "keywords" in this specific context.	Closed				Product version 8.2 29 May, 2024

Issue Description	Current Status (Open, Closed, I/P)	Disposition (Planned, Deferred, I/P)	Remediation Timeline	Available Workarounds	Comments
<p>Advanced Search Date and Date Picker Selection</p> <p>Add labels for context and make it easier for keyboard users to access a date / calendar picker.</p>	Closed				Product version 8.3 10 July, 2024
<p>Image Search Default Tile Alt-Text</p> <p>Improve alt-text for image search results to be more descriptive.</p>	Closed				Product version 8.3 10 July, 2024
<p>Global Navigation for Desktop</p> <p>Allows keyboard users the choice to open or skip the options in the main navigation dropdowns "Browse", "My Settings", and "Help".</p>	Closed				Product version 8.3 10 July, 2024
<p>Journal Home Page</p> <p>Add aria-labels and alt text to images missing this context.</p>	Closed				Product version 8.3 10 July, 2024
<p>Journal Homepage Additional Updates</p> <p>Add updates to labeling and navigation for assistive technology and keyboard users.</p>	Closed				Product version 8.3 10 July, 2024

Issue Description	Current Status (Open, Closed, I/P)	Disposition (Planned, Deferred, I/P)	Remediation Timeline	Available Workarounds	Comments
Image Search Enlarge Image Icon Add aria-label to enlarge image icon.	Closed				Product version 8.4 20 August, 2024
Document Page Graphical Abstract Icon Add aria-label to enlarge image icon.	Closed				Product version 8.4 20 August, 2024
Add Author Page Publication Topics and Co-Authors to Tab Order Add links to tab order, e.g., Publication Topics and Co-Authors. (links created using JavaScript on this page missing anchor href values so need to manually instruct browsers to include them in the keyboard accessible tab order)	Closed				Product version 8.4 20 August, 2024
Document Page Toggles Improve keyboard navigation and add labels.	Closed				Product version 8.5 1 October, 2024
Toggle (Image Search & Popular Page) Improve keyboard navigation and add labels.	Closed				Product version 8.5 1 October, 2024

Issue Description	Current Status (Open, Closed, I/P)	Disposition (Planned, Deferred, I/P)	Remediation Timeline	Available Workarounds	Comments
<p>Browse Standards By Number and IEEE Get Program</p> <p>Add two links to the keyboard tab order.</p>	Closed				Product version 8.5 1 October, 2024
<p>Document Page Tab Order All Authors</p> <p>When ~6+ author names/links are present, allow keyboard users to access "All Authors" link in the same way UX is intended for mouse users.</p>	Closed				Product version 8.5 1 October, 2024
<p>Journal Home Page Toggles</p> <p>Specify role/purpose of toggles and improve navigation for people using keyboards / assistive technologies.</p>	Closed				Product version 8.5 1 October, 2024
<p>User Preference Page Toggles</p> <p>Specify role/purpose of toggles and improve navigation for people using keyboards / assistive technologies.</p>	Closed				Product version 8.5 1 October, 2024

Issue Description	Current Status (Open, Closed, I/P)	Disposition (Planned, Deferred, I/P)	Remediation Timeline	Available Workarounds	Comments
<p>Browse Standards Toggles</p> <p>Specify role/purpose of toggles and improve navigation for people using keyboards / assistive technologies.</p>	Closed				Product version 8.5 1 October, 2024
<p>All Pages to Display Title in the Browser Tab</p> <p>1. Update HTML title to better orient users as to the purpose a few identified pages.</p> <p>2. Ensure all page titles sitewide are formatted consistently.</p>	Closed			Users can identify the purpose of each page by the <h1> heading text which is essentially the same as the proposed HTML titles (<title>).	Product version 8.6 12 November, 2024
<p>Conference Home Pages</p> <p>Add “Copy Persistent Link” to tab order.</p>	Closed			Users can access the url value of the “persistent link” in the browser address bar. This update will parity the access to a link that currently only gives users navigating with a mouse the chance to have a second way to copy the url value.	Product version 8.6 12 November, 2024

Issue Description	Current Status (Open, Closed, I/P)	Disposition (Planned, Deferred, I/P)	Remediation Timeline	Available Workarounds	Comments
<p>Author Profile and Search Results Header Fix</p> <p>Update heading levels to improve page structures for people using assistive technologies.</p>	Closed			All users can access this content. This is a semantic improvement of the page structure.	Product version 8.6 12 November, 2024
<p>On the Browse Popular page, the title listings would make more semantic sense to be coded as &lt;h3&gt; instead of &lt;h2&gt; so that users understand that the title listings fall under the &lt;h2&gt; Popular Content.</p>	Closed			All users can access this content. This is a semantic improvement of the page structure.	Product version 8.7 14 January, 2025
<p>Update the headers sequence on the document page.</p> <p>This will improve the logical structure of the document page content.</p>	Closed				Product version 8.7 14 January, 2025
<p>Updating the keyboard tabbing experience to match the mouse experience for author names.</p> <p>On mouseover, mouse users are currently shown affiliation information in a tooltip. This improvement will allow keyboard users to get the affiliation information on keyboard tab focus.</p>	Closed				Product version 8.7 14 January, 2025

Issue Description	Current Status (Open, Closed, I/P)	Disposition (Planned, Deferred, I/P)	Remediation Timeline	Available Workarounds	Comments
<p>Footer Social Media Icons</p> <p>Add labels to inform users that there are images associated with the social media follow links.</p>	Open	Planned	Q1 2025	Descriptive aria-labels are available for each of the social media icon links. This update only exposes the presence of social media icons to screen readers and other assistive technologies. The actionable purpose of the icons (the links) is available.	
Funding Agency Details Accordion Collapse / Expand State	Open	Planned	Q1 2025		
Ensure Links Are Distinguishable by More than Color	Open	Planned	Q2 2025		
Full Text References Focus	Open	Planned	Q2 2025		
ISSN Information Details Accordion Collapse / Expand State	Open	Planned	Q1 2025		
Form Field Placeholder Text Color Contrast	Open	Planned	Q1 2025		

Issue Description	Current Status (Open, Closed, I/P)	Disposition (Planned, Deferred, I/P)	Remediation Timeline	Available Workarounds	Comments
<p>[role="img"] is erroneously coded on Document pages where there is no image to be seen. This is causing automated accessibility tests to flag that alt text is needed where no image exists.</p>	Open			<p>Only someone evaluating the source code can detect this. Sighted users cannot see it and assistive technologies ignore it.</p>	<p>Addresses WCAG 1.1.1 Non-text Content (Level A)</p>
<p>A wholesale inventory will be taken to remediate forms. Forms will be evaluated to ensure there is proper labelling, grouping (element relationships), error identification, and status messaging. This will improve navigation for people using assistive technologies.</p>	Open		Q1 & Q2, 2025	<p>Users can currently access these forms. This is an enhancement.</p>	<p>Addresses:            WCAG 1.3.1 Info and Relationships            WCAG 2.4.7 Visible focus            WCAG 3.3.1 Error identification            WCAG 3.3.2 Labels or instructions            WCAG 4.1.2 Name, role, value            WCAG 4.1.3 Status messages</p> <p>These updates will make forms easier to navigate for people using assistive technologies.</p>
<p>Remediate keyboard accessibility for document page accordions.</p>	Open		Q2 2025		



<b>Issue Description</b>	<b>Current Status (Open, Closed, I/P)</b>	<b>Disposition (Planned, Deferred, I/P)</b>	<b>Remediation Timeline</b>	<b>Available Workarounds</b>	<b>Comments</b>
Improve JavaScript focus of "Show All References" feature.  This will allow users (e.g., screen reader users) to not get confused about orientation within the content when they use this feature.	Open		Q2 2025		