

# SPIE Accessibility Conformance Report

## WCAG + Section 508 Edition

(Based on VPAT® Version 2.5Rev)

**Name of Product/Version:** SPIE Digital Library

**Report Date:** 15 May 2026

**Product Description:** The SPIE Digital Library is the world's largest collection of optics and photonics applied research, with more than 690,000 papers spanning biomedicine, communications, sensors, defense and security, manufacturing, electronics, energy, and imaging.

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**Notes:** We are continually evaluating and refining accessibility for the SPIE Digital Library and will update this ACR regularly.

**Evaluation Methods Used:** All criteria evaluated through broad product knowledge and testing by professional staff. Automated testing using ObservePoint was conducted for this report, as well as manual keyboard testing, testing with NVDA screen reader, Google Lighthouse, and the Accessible Web Contrast Checker.

## Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
<a href="#">Web Content Accessibility Guidelines 2.2</a>	Level A (Yes) Level AA (Yes) Level AAA (No)
<a href="#">Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018</a>	(Yes)

## Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

## WCAG 2.2 Report

Table 1 also documents conformance with:

- Revised Section 508:
  - Chapter 5 - 501.1 Scope and 504.2 Content Creation or Editing

- Chapter 6 - 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.2 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.2 Conformance Requirements](#).

**Table 1: Success Criteria, Level A**

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p><b><a href="#">1.1.1 Non-text Content</a></b> (Level A)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: Supports Software: N/A Authoring Tool: N/A	Web: All content figures and tables are accompanied by explanatory captions and alt text. Time-based media have either explanatory captions (for short integrated video figures) or full-text transcripts (for full-length presentations).  Electronic Docs: PDF formatted papers include explanatory captions for all figures and tables, and are processed for structure tagging, image alt-text generation, and metadata injection.
<p><b><a href="#">1.2.1 Audio-only and Video-only (Prerecorded)</a></b> (Level A)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Time-based media have either explanatory captions (for short integrated video figures) or full-text transcripts (for full-length presentations). Currently all but 1% of full-length presentations have full-text transcripts, the remaining 1% have attributes which prevent complete transcription (sound quality, etc.)
<p><b><a href="#">1.2.2 Captions (Prerecorded)</a></b> (Level A)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Short video clips integrated into papers do not include audio content. Long-form presentations with audio are closed captioned. Currently all but 1% of full-length presentations have full-text transcripts, the remaining 1% have attributes

Criteria	Conformance Level	Remarks and Explanations
		which prevent complete transcription (sound quality, etc.)
<p><b><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Currently all but 1% of full-length presentations have full-text transcripts, the remaining 1% have attributes which prevent complete transcription (sound quality, etc.)
<p><b><u>1.3.1 Info and Relationships</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: Supports Software: N/A Authoring Tool: N/A	Web: Information and Relationships are designated in the page source; Abstract as abstract, Sections as sections, etc.  Electronic Docs: Information and relationships in the PDF files are shown via text formatting and variation as per standard printed scientific publication.
<p><b><u>1.3.2 Meaningful Sequence</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: Supports Software: N/A Authoring Tool: N/A	Web: Information is provided in a meaningful sequence on the page in the document as a whole, following standard science publication practice.  Electronic Docs: Information is provided in a meaningful sequence on the page in the document as a whole, following standard science publication practice.
<p><b><u>1.3.3 Sensory Characteristics</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: Supports Software: N/A Authoring Tool: N/A	Web: Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound.  Electronic Docs: As noted above.
<p><b><u>1.4.1 Use of Color</u></b> (Level A)  Also applies to:  Revised Section 508</p>	Web: Supports Electronic Docs: Supports	Web: Due to the nature of SPIE's optics content, some papers discuss and present color in particular depth. Even in these cases though,

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Software: N/A Authoring Tool: N/A	care is taken to have proper captions and textual explanation.  Electronic Docs: As noted above.
<u>1.4.2 Audio Control</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	No web page on the site contains audio content that plays automatically.
<u>2.1.1 Keyboard</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Tabbing through links works as expected. Focus state indicator is provided for keyboard users to maintain orientation on page.
<u>2.1.2 No Keyboard Trap</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Focus can be moved away from page components using only a keyboard interface.
<u>2.1.4 Character Key Shortcuts</u> (Level A 2.1 and 2.2) Also applies to: Revised Section 508 – Does not apply	Web: N/A Electronic Docs: N/A Software: N/A Authoring Tool: N/A	We do not currently implement keyboard shortcuts in content on the Digital Library.
<u>2.2.1 Timing Adjustable</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	There is a 20-minute session time out, however, once the user takes any further action on the site, a new session is instantiated with the appropriate access to content.
<u>2.2.2 Pause, Stop, Hide</u> (Level A) Also applies to: Revised Section 508	Web: Supports Electronic Docs: N/A Software: N/A	All moving, blinking, or scrolling information is limited to less than five seconds. The site

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Authoring Tool: N/A	contains no other automatically updated information.
<p><b><u>2.3.1 Three Flashes or Below Threshold</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Currently the SPIE Digital Library contains some advertisements that include blinking or otherwise cycling graphic elements. These elements animate for no more than 5 seconds, then become static.
<p><b><u>2.4.1 Bypass Blocks</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software) – Does not apply to non-web software</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Web: Supports Electronic Docs: N/A Authoring Tool: N/A	Structural markup and multiple navigation paths allow for bypassing non-primary content blocks.
<p><b><u>2.4.2 Page Titled</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Content page titles are the title of the contained article. Other page titles describe the page's content and/or function.
<p><b><u>2.4.3 Focus Order</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Focus order is preserved. See remarks for 2.1.1
<p><b><u>2.4.4 Link Purpose (In Context)</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: Supports Software: N/A Authoring Tool: N/A	Web: The purpose of most links can be determined from the link text alone or from the link text together with its programmatically determined link context.  Electronic Docs: As above.

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>2.5.1 Pointer Gestures</u></b> (Level A 2.1 and 2.2)  Also applies to:  Revised Section 508 – Does not apply</p>	Web: N/A Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Content on the Digital Library is currently “point and click”, without using a path-based gesture.
<p><b><u>2.5.2 Pointer Cancellation</u></b> (Level A 2.1 and 2.2)  Also applies to:  Revised Section 508 – Does not apply</p>	Web: N/A Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Content on the Digital Library is currently based on “up-event” interactions.
<p><b><u>2.5.3 Label in Name</u></b> (Level A 2.1 and 2.2)  Also applies to:  Revised Section 508 – Does not apply</p>	Web: Partially Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	We are currently working on ensuring that all UI components with labels that include text or images of text also contain the text that is presented visually in the name of the label.
<p><b><u>2.5.4 Motion Actuation</u></b> (Level A 2.1 and 2.2)  Also applies to:  Revised Section 508 – Does not apply</p>	Web: N/A Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Content on the Digital Library is currently not triggered by moving a device or gesturing towards a device.
<p><b><u>3.1.1 Language of Page</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Language is designated in page metadata as ‘En’.
<p><b><u>3.2.1 On Focus</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	When any component receives focus, it does not initiate a change of context.
<p><b><u>3.2.2 On Input</u></b> (Level A)  Also applies to:  Revised Section 508</p>	Web: Supports Electronic Docs: N/A Software: N/A	Changing the setting of any user interface component does not automatically cause a change of context.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Authoring Tool: N/A	
<p><b><u>3.2.6 Consistent Help</u></b> (Level A 2.2 only) Revised Section 508 – Does not apply</p>	Web: Supports	Help can be found in the same place on all pages of the digital library (in the footer).
<p><b><u>3.3.1 Error Identification</u></b> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Error identification is provided on the input of username and password for sign-in. No errors are generated on search input (the only site input other than credentials) as all search items are considered legitimate search queries.
<p><b><u>3.3.2 Labels or Instructions</u></b> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Labels or instructions are provided for most content that requires user input, both for sign-in and search queries.
<p><b><u>3.3.7 Redundant Entry</u></b> (Level A 2.2 only) Revised Section 508 – Does not apply</p>	Web: Supports	The Digital Library does not ask for the same information twice in the same activity.
<p><b><u>4.1.1 Parsing</u></b> (Level A) Applies to: WCAG 2.2 (obsolete and removed) - Does not apply Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Supports	For WCAG 2.0, 2.1, EN 301 549, and Revised 508 Standards, the September 2023 errata update indicates this criterion is always supported. See the <a href="#">WCAG 2.0 Editorial Errata</a> and the <a href="#">WCAG 2.1 Editorial Errata</a> .
<p><b><u>4.1.2 Name, Role, Value</u></b> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	For most user interface components, the name and role can be programmatically determined and set.

**Table 2: Success Criteria, Level AA**

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>1.2.4 Captions (Live)</u></b> (Level AA)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: N/A Electronic Docs: N/A Software: N/A Authoring Tool: N/A	No live audio content is presented on the web site.
<p><b><u>1.2.5 Audio Description (Prerecorded)</u></b> (Level AA)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Partially Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Web: Short video content integrated into research papers are described in captions and full text. Longer conference presentations may have audio description provided by the presenter, but this is not the case with every conference presentation.
<p><b><u>1.3.4 Orientation</u></b> (Level AA 2.1 and 2.2)            Also applies to:            Revised Section 508 – Does not apply</p>	Web: N/A Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Content on the Digital Library is currently not restricted by device orientation.
<p><b><u>1.3.5 Identify Input Purpose</u></b> (Level AA 2.1 and 2.2)            Also applies to:            Revised Section 508 – Does not apply</p>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	The purpose of common inputs can be programmatically determined, where technology allows.
<p><b><u>1.4.3 Contrast (Minimum)</u></b> (Level AA)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: Supports Software: N/A Authoring Tool: N/A	A majority of content web pages meet the 4.5:1 contrast requirement.
<p><b><u>1.4.4 Resize text</u></b> (Level AA)</p>	Web: Supports	Supported via responsive design of the site.

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Electronic Docs: N/A Software: N/A Authoring Tool: N/A	
<u><a href="#">1.4.5 Images of Text</a></u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Some math content is represented by images of equations and formulae, this is deemed as essential to the information being conveyed (see note on WCAG 1.4.5 specifications).
<u><a href="#">1.4.10 Reflow</a></u> (Level AA 2.1 and 2.2) Also applies to: Revised Section 508 – Does not apply	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Supported via responsive design of the site.
<u><a href="#">1.4.11 Non-text Contrast</a></u> (Level AA 2.1 and 2.2) Also applies to: Revised Section 508 – Does not apply	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	The visual presentation of UI components and graphical objects have a contrast ratio of at least 4.5:1 against adjacent color(s).
<u><a href="#">1.4.12 Text Spacing</a></u> (Level AA 2.1 and 2.2) Also applies to: Revised Section 508 – Does not apply	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Users can adjust text spacing to make it easier to read.
<u><a href="#">1.4.13 Content on Hover or Focus</a></u> (Level AA 2.1 and 2.2) Also applies to: Revised Section 508 – Does not apply	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, that content is dismissible, hover-able, and persistent.
<u><a href="#">2.4.5 Multiple Ways</a></u> (Level AA) Also applies to: Revised Section 508	Web: Supports Electronic Docs: N/A Authoring Tool: N/A	More than one way is available to locate a Web page within a set of Web pages.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>● 501 (Web)(Software) – Does not apply to non-web software</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>		
<p><b><u>2.4.6 Headings and Labels</u></b> (Level AA)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: Supports Software: N/A Authoring Tool: N/A	Web: Most headings and labels describe topic or purpose.  Electronic Docs: As above.
<p><b><u>2.4.7 Focus Visible</u></b> (Level AA)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	See note in this document under 2.1.1
<p><b><u>2.4.11 Focus Not Obscured (Minimum)</u></b> (Level AA 2.2 only)  Revised Section 508 – Does not apply</p>	Web: Supports	When a user interface component receives keyboard focus, the component is not entirely hidden due to author-created content.
<p><b><u>2.5.7 Dragging Movements</u></b> (Level AA 2.2 only)  Revised Section 508 – Does not apply</p>	Web: Supports	The Digital Library does not rely on dragging movements for user actions.
<p><b><u>2.5.8 Target Size (Minimum)</u></b> (Level AA 2.2 only)  Revised Section 508 – Does not apply</p>	Web: Partially Supports	We are currently working to ensure that the target for pointer inputs meets a minimum size or have sufficient spacing around them.
<p><b><u>3.1.2 Language of Parts</u></b> (Level AA)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	See note in this document under 3.1.1
<p><b><u>3.2.3 Consistent Navigation</u></b> (Level AA)  Also applies to:  Revised Section 508</p>	Web: Supports Electronic Docs: N/A Authoring Tool: N/A	Navigation is consistent for all pages, by content type, across the site. There are some minor changes between book, article, and video

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>● 501 (Web)(Software) – Does not apply to non-web software</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>		presentation pages but they are consistent inside those content types and parallel to other navigation arrangements on the site.
<p><b><u>3.2.4 Consistent Identification</u></b> (Level AA)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software) – Does not apply to non-web software</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Web: Supports Electronic Docs: N/A Authoring Tool: N/A	Components that have the same functionality within a set of Web pages are identified consistently.
<p><b><u>3.3.3 Error Suggestion</u></b> (Level AA)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	The SPIE Digital Library has two places for user input, user credentials for the purpose of signing into personal accounts, and search input. No input error suggestion is appropriate for signing in. Search does not offer error suggestions but does offer search suggestions as the user types to help prevent errors ahead of time.
<p><b><u>3.3.4 Error Prevention (Legal, Financial, Data)</u></b> (Level AA)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>● 501 (Web)(Software)</li> <li>● 504.2 (Authoring Tool)</li> <li>● 602.3 (Support Docs)</li> </ul>	Web: Supports Electronic Docs: N/A Software: N/A Authoring Tool: N/A	User input for financial transactions (the purchase of a subscription) is reversible, checked, and confirmed.
<p><b><u>3.3.8 Accessible Authentication (Minimum)</u></b> (Level AA 2.2 only)  Revised Section 508 – Does not apply</p>	Web: Supports	The Digital Library does not make people solve, recall, or transcribe something to log in.
<p><b><u>4.1.3 Status Messages</u></b> (Level AA 2.1 and 2.2)</p>	Web: Partially Supports Electronic Docs: N/A Authoring Tool: N/A	<p>Status messages are not currently implemented on content in the Digital Library.</p> <p>We are currently working on ensuring that all UI components with labels that include text or images of text also contain the text that is presented visually in the name of the label.</p>

# Revised Section 508 Report

Notes:

## Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	The SPIE Digital Library uses standard markup language to describe the identity, operation, and state of user interface elements. This affords basic functionality with common assistive technologies such as the NVDA and ChromeVox screen readers.
302.2 With Limited Vision	Supports	Support for standard browser magnification and contrast adjustments
302.3 Without Perception of Color	Partially supports	In the basic site design, color is not used solely to convey information, however, much of the scientific content on the site revolves around color and some of that content would be difficult to understand without color perception.
302.4 Without Hearing	Supports	Audio content (which is always paired with video content) is accompanied by full-text, searchable transcripts.
302.5 With Limited Hearing	Supports	Audio content (which is always paired with video content) is accompanied by full-text, searchable transcripts.
302.6 Without Speech	N/A	The SPIE Digital Library does not require speech input.

Criteria	Conformance Level	Remarks and Explanations
302.7 With Limited Manipulation	Supports	Supports standard and specialized computer input mechanisms meant for web browsing. The SPIE Digital Library does not require fine motor skills or simultaneous input actions to navigate.
302.8 With Limited Reach and Strength	N/A	
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	Supports in the sense of web site operation and navigation. Comprehension of the content is highly individualized.

## Chapter 4: [Hardware](#)

Notes: This section has been removed. The SPIE Digital Library does not provide hardware.

## Chapter 5: [Software](#)

Notes: This section has been removed. The SPIE Digital Library does not provide hardware.

## Chapter 6: [Support Documentation and Services](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
<b>601.1 Scope</b>	Heading cell – no response required	Heading cell – no response required
<b><a href="#">602 Support Documentation</a></b>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	SPIE provides accessibility information on a Help page found at <a href="https://www.spiedigitallibrary.org/accessibility">https://www.spiedigitallibrary.org/accessibility</a>
602.3 Electronic Support Documentation	See <a href="#">WCAG 2.x</a> section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	N/A	SPIE Digital Library support is supplied via electronic format and available via phone support services.

Criteria	Conformance Level	Remarks and Explanations
<a href="#"><u>603 Support Services</u></a>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Support staff versed in accessibility and compatibility features of the SPIE Digital Library are available.
603.3 Accommodation of Communication Needs	Supports	Support services are available through a range of communication methods to accommodate the communication needs of individuals with disabilities.