

Annual Reviews Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: Annual Reviews

Report Date: November 2024

Product Description:

Annual Reviews is a nonprofit publisher dedicated to synthesizing and integrating knowledge for the progress of science and the benefit of society. The Annual Reviews Web site aggregates academic articles from researchers on a variety of scientific topics.

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Notes:

For purposes of this evaluation, the scope was limited to common templates of the Annual Reviews Web site, including the following pages:

- Home
- Search/Search Results
- Journal Home
- Volume
- Article

Information provided in alternate formats (e.g., PDF, PowerPoint) is provided as an alternate version of Annual Reviews Web content and is not within scope of this ACR.

Evaluation Methods Used:

Automated and manual test methods were used to evaluate the Annual Reviews Web site, including:

- Axe DevTools
- ANDI
- Accessibility Insights for Web
- Color Contrast Analyzer
- Keyboard testing
- Manual code review
- Assistive technology testing using the following screen readers:
 - Job Access with Speech (JAWS) 2024
 - Non-Visual Desktop Access (NVDA)

Applicable Standards/Guidelines

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

| Standard/Guideline | Included In Report |
|--|---|
| Web Content Accessibility Guidelines 2.0 | Level A (Yes) Level AA (Yes) Level AAA (No) |
| Web Content Accessibility Guidelines 2.1 | Level A (Yes) Level AA (Yes) Level AAA (No) |
| Web Content Accessibility Guidelines 2.2 | Level A (No) Level AA (No) Level AAA (No) |

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.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes: Annual Reviews provides information in formats other than HTML (e.g., PDF, PowerPoint). These are alternate versions of Annual Reviews Web content and are not within scope of this ACR.

| Criteria | Conformance Level | Remarks and Explanations |
|--|--------------------|---|
| 1.1.1 Non-text Content (Level A) | Supports | A text equivalent is provided for non-text content. |
| 1.2.1 Audio-only and Video-only (Prerecorded) (Level A) | Supports | Prerecorded media content was not present in the Annual Review templates in scope for this ACR. |
| 1.2.2 Captions (Prerecorded) (Level A) | Supports | Prerecorded video content was not present in the Annual Review templates in scope for this ACR. |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) | Supports | Prerecorded video content was not present in the Annual Review templates in scope for this ACR. |
| 1.3.1 Info and Relationships (Level A) | Partially Supports | <p>Information, structure, and relationships conveyed through presentation are programmatically determinable, with the following known exceptions:</p> <ul style="list-style-type: none"> • When error messages display, the message is not associated with the fields in error. • Content tagged as a heading does not consistently function as a heading; heading levels do not accurately reflect content hierarchy. • List structure in the main menu does not reflect relationships within the list of Journal titles. • List item semantics are removed from items contained within programmatically defined lists. • Content that does not function as a data table contains data table markup. |
| 1.3.2 Meaningful Sequence (Level A) | Supports | When reading sequence affects meaning, a correct or logical reading order can be determined from the order of content in the DOM. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|-------------------|--|
| 1.3.3 Sensory Characteristics (Level A) | Supports | Instructions provided on Annual Reviews pages do not rely solely on sensory characteristics, such as shape, size, color, or orientation. |
| 1.4.1 Use of Color (Level A) | Supports | Color is not used as the only means of conveying information. |
| 1.4.2 Audio Control (Level A) | Supports | Audio content is not present on the pages within scope for this evaluation. |
| 2.1.1 Keyboard (Level A) | Supports | Components on Annual Reports pages are keyboard operable. |
| 2.1.2 No Keyboard Trap (Level A) | Supports | When keyboard focus is set to a page component using keyboard input, focus can be moved away from that component using keyboard alone. |
| 2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2) | Supports | Character key shortcuts are not assigned in Annual Reports pages. Annual Reports content is coded to conform to standard keyboard design patterns. |
| 2.2.1 Timing Adjustable (Level A) | Supports | Content within scope of the current evaluation did not include timeout functionality. |
| 2.2.2 Pause, Stop, Hide (Level A) | Supports | Annual Reports pages do not include moving, blinking, scrolling, or auto-updating information. |
| 2.3.1 Three Flashes or Below Threshold (Level A) | Supports | Annual reports pages do not include flashing content. |
| 2.4.1 Bypass Blocks (Level A) | Supports | Annual Reports pages provide multiple methods of skipping repetitive navigation links, including: <ul style="list-style-type: none"> • Skip to content links that jump focus over repetitive links in page navigation. • Headings at the beginning of each section of content. |
| 2.4.2 Page Titled (Level A) | Support | Annual Reports pages include unique and descriptive page titles. |
| 2.4.3 Focus Order (Level A) | Supports | Components receive focus in an order that preserves meaning and operability. |

| Criteria | Conformance Level | Remarks and Explanations |
|--|-------------------|--|
| 2.4.4 Link Purpose (In Context) (Level A) | Supports | The purpose of links can be determined from link text alone or from link text and its programmatically determinable link context. |
| 2.5.1 Pointer Gestures (Level A 2.1 and 2.2) | Supports | All functionality within scope is operable with a single pointer without a path-based gesture. |
| 2.5.2 Pointer Cancellation (Level A 2.1 and 2.2) | Supports | For single-finger events, repeating the gesture will cancel the event. |
| 2.5.3 Label in Name (Level A 2.1 and 2.2) | Supports | For user interface components with labels that include text, the computed name contains the text that is visually apparent. |
| 2.5.4 Motion Actuation (Level A 2.1 and 2.2) | Supports | All functionality within the scope of this evaluation is operable using user interface components without reliance on motion actuation. |
| 3.1.1 Language of Page (Level A) | Supports | The default language of each Annual Reviews page is programmatically determinable. |
| 3.2.1 On Focus (Level A) | Supports | When a component receives focus, it does not initiate a change in context. |
| 3.2.2 On Input (Level A) | Supports | Changing the settings of a control does not initiate a change in context. |
| 3.3.1 Error Identification (Level A) | Supports | Where user input can trigger error notifications, the issue is described in text that identifies the element that contains the error. |
| 3.3.2 Labels or Instructions (Level A) | Supports | Labels or instructions are provided when user input is required. |
| 4.1.1 Parsing (Level A) WCAG 2.0 and 2.1 – Always answer ‘Supports’ WCAG 2.2 (obsolete and removed) - Does not apply | Supports | For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata . |

| Criteria | Conformance Level | Remarks and Explanations |
|---|-------------------|---|
| 4.1.2 Name, Role, Value (Level A) | Supports | For all user interface components, name, role, state, and value can be programmatically determined. |

Table 2: Success Criteria, Level AA

Notes: Annual Reviews provides information in formats other than HTML (e.g., PDF, PowerPoint). These are alternate versions of Annual Reviews Web content and are not within scope of this ACR.

| Criteria | Conformance Level | Remarks and Explanations |
|---|--------------------|---|
| 1.2.4 Captions (Live) (Level AA) | Supports | Annual Reviews content within scope of this review does not include live media. |
| 1.2.5 Audio Description (Prerecorded) (Level AA) | Supports | Annual Reviews content within scope of this review does not include prerecorded media. |
| 1.3.4 Orientation (Level AA 2.1 and 2.2) | Supports | Annual Reviews content is not restricted to a single orientation. |
| 1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2) | Supports | This success criterion does not apply to form controls within the scope of this evaluation. These pages do not contain controls that collect information about the application user. |
| 1.4.3 Contrast (Minimum) (Level AA) | Supports | In Annual Reviews pages, text and images of text have a contrast ratio of 4.5:1 or greater. |
| 1.4.4 Resize text (Level AA) | Supports | Text can be resized up to 200 percent without loss of content or functionality. |
| 1.4.5 Images of Text (Level AA) | Partially Supports | Text is used, rather than images of text, with the following known exceptions: <ul style="list-style-type: none"> Ad images that are not essential contain images of text. |
| 1.4.10 Reflow (Level AA 2.1 and 2.2) | Supports | When zoomed to 400%, page content is presented without loss of information or functionality. Scrolling in two dimensions is not required to view content. |
| 1.4.11 Non-text Contrast (Level AA 2.1 and 2.2) | Supports | The visual presentation of non-text elements has a contrast ratio of at least 3:1 against adjacent colors. |
| 1.4.12 Text Spacing (Level AA 2.1 and 2.2) | Supports | Content and functionality are maintained when users modify text spacing (e.g., via a user-defined style sheet). |

| Criteria | Conformance Level | Remarks and Explanations |
|--|-------------------|--|
| 1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2) | Supports | Where pointer hover or keyboard focus causes content to become visible, displayed content is dismissible, hoverable, or persistent. |
| 2.4.5 Multiple Ways (Level AA) | Supports | In Annual Reports pages, more than one method is available to locate a Web page with the site, including navigation menus and site search. |
| 2.4.6 Headings and Labels (Level AA) | Supports | Headings and labels describe topic or purpose. |
| 2.4.7 Focus Visible (Level AA) | Supports | A visible indication of current focus is provided. |
| 3.1.2 Language of Parts (Level AA) | Supports | The human language of each passage or phrase in the content can be programmatically determined. |
| 3.2.3 Consistent Navigation (Level AA) | Supports | Navigational mechanisms occur in the same relative order on Annual Reviews pages. |
| 3.2.4 Consistent Identification (Level AA) | Supports | Components with the same functionality within Annual Reports pages are identified consistently. |
| 3.3.3 Error Suggestion (Level AA) | Supports | Within scope of the pages included in this evaluation, if the application detects input errors, suggestions for correction are provided to the user in text. |
| 3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) | Supports | Within scope of pages included in this evaluation, Web pages do not cause legal or financial transactions to occur. |
| 4.1.3 Status Messages (Level AA 2.1 and 2.2) | Supports | Assistive technology announces status messages without requiring a change in focus. |

Table 3: Success Criteria, Level AAA

Notes: Annual Reviews content was not reviewed for AAA success criteria.

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