IEEE Computer Society Accessibility Conformance Report WCAG Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: CSDL (Computer Society Digital Library)

Report Date:

01/08/2021

Product Description:

The IEEE Computer Society publication library.

Contact Information:

Email: csdl@computer.org

Evaluation Methods Used:

The CSDL was evaluated using Chrome on a macOS Mojave desktop computer. Assistive technologies used in this evaluation included Google Chrome Screen Reader extension as well as exclusive use of the keyboard to navigate and operate the site content and functionality.

_____

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)

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 be used only in WCAG 2.0 Level AAA.

WCAG 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, the criteria are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	The site provides text alternatives for all instances of non-text content
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	The site does not contain prerecorded audio-only or video-only media.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	The site does not contain prerecorded synchronized media.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	The site does not contain prerecorded video content that would require audio description or a media alternative.
1.3.1 Info and Relationships (Level A)	Partially Supports	Most visual structure and relationship information is provided through object information or is available in text. Exceptions include: ● Some informative content is not accessible to assistive technology because of the presence of aria-hidden="true" in the content's containing tag.

Criteria	Conformance Level	Remarks and Explanations
1.3.2 Meaningful Sequence (Level A)	Supports	The site content is presented in a meaningful sequence.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions do not rely solely on sensory characteristics.
1.4.1 Use of Color (Level A)	Supports	Site content and functionality does not convey information through color alone.
1.4.2 Audio Control (Level A)	Not Applicable	The site does not contain audio that plays automatically.
2.1.1 Keyboard (Level A)	Supports	All site functionality can be accessed and operated using a keyboard.
2.1.2 No Keyboard Trap (Level A)	Supports	The site does not include keyboard traps.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Supports	The site does not provide character key shortcuts.
2.2.1 Timing Adjustable (Level A)	Not Applicable	The site does not include time limits.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	The site does not include elements that move, blink, scroll, or auto-update.
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	The site does not contain flashing content.
2.4.1 Bypass Blocks (Level A)	Supports	A link to jump to the header from the bottom of the page is provided.
2.4.2 Page Titled (Level A)	Supports	All pages have titles.
2.4.3 Focus Order (Level A)	Supports	The site's components receive focus in a meaningful order.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of each link in the site can be determined from the link text alone or from the programmatic context of the link.
2.5.1 Pointer Gestures (Level A 2.1 only)	Supports	The site does not rely on multipoint or path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	The site functions that use a single pointer are completed when the user releases the pointer.

Criteria	Conformance Level	Remarks and Explanations
2.5.3 Label in Name (Level A 2.1 only)	Supports	The accessible name of each user interface component that includes a visible text label corresponds to that label text.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	The site does not have functionality operated by device motion or user motion.
3.1.1 Language of Page (Level A)	Supports	The default language of the site's webpage is identified using the lang attribute in the html element.
3.2.1 On Focus (Level A)	Supports	The site's components do not initiate a change of context when focused.
3.2.2 On Input (Level A)	Supports	Changes of context do not occur automatically on user input.
3.3.1 Error Identification (Level A)	Partially Supports	Where errors are automatically detected in the article page, user will be navigated to a related page.
3.3.2 Labels or Instructions (Level A)	Supports	A label is provided for each of the site's input fields.
4.1.1 Parsing (Level A)	Supports	The site's webpage uses semantically correct markup for all interface elements; has complete start and end tags; and has tags with unique ID values
4.1.2 Name, Role, Value (Level A)	Supports	All user interface components in the site provide programmatic name, role, and/or state information.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	The site does not contain live synchronized media.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	The site does not contain prerecorded video content that would require audio description.
1.3.4 Orientation (Level AA 2.1 only)	Supports	The content of the site does not restrict its view and operation to a single display orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Not Applicable	The site does not contain input fields that require the user to enter personally identifiable information.
1.4.3 Contrast (Minimum) (Level AA)	Supports	All text in the site meets minimum contrast requirements.
1.4.4 Resize text (Level AA)	Supports	All site content and user interfaces support standard zoom capabilities built into modern web browsers and operating systems
1.4.5 Images of Text (Level AA)	Supports	The site uses text instead of images of text.
1.4.10 Reflow (Level AA 2.1 only)	Support	The content on the site's webpage supports reflow.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	All meaningful non-text content elements in the site have sufficient contrast.

Criteria	Conformance Level	Remarks and Explanations
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	The spacing between letters, words, lines of text and/or paragraphs can be adjusted in the site's webpage.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	The site does not contain content elements triggered by hover or focus.
2.4.5 Multiple Ways (Level AA)	Supports	Users can use search to find articles. Breadcrumb also is placed in the article pages
2.4.6 Headings and Labels (Level AA)	Supports	All headings and labels in the site are descriptive.
2.4.7 Focus Visible (Level AA)	Supports	All focusable elements in site have a visible keyboard focus indicator.
3.1.2 Language of Parts (Level AA)	Supports	Within the site's webpage, the language of each portion of the page is programmatically determinable.
3.2.3 Consistent Navigation (Level AA)	Supports	The site provides consistent and repeatable navigation.
3.2.4 Consistent Identification (Level AA)	Supports	Components that have the same functionality within the site are identified consistently.
3.3.3 Error Suggestion (Level AA)	Supports	When an error is automatically detected within a data entry form in the site, the resulting error message provides suggestions for correction.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	No forms within the site submit actions that cause legal commitments or financial transactions to occur, nor do any forms submit actions that modify or delete user-controllable data in data storage systems.
4.1.3 Status Messages (Level AA 2.1 only)	Supports	The site provides status messages when an issue has been occurred.