

# GeoScienceWorld Accessibility Conformance Report

## WCAG Edition

(Based on VPAT® Version 2.4)

**Name of Product/Version:** <https://pubs.geoscienceworld.org/>

**Report Date:** June, 2020

**Product Description:** GeoScienceWorld (GSW) is a nonprofit collaborative and comprehensive resource for research and communications in the Earth Sciences.

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**Notes:**

**Evaluation Methods Used:** Automated Testing; Exploratory Testing

### 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 2.0</a>	Level A (Yes / No ) Level AA (Yes / No )

	Level AAA (Yes / <b>No</b> )
<a href="#">Web Content Accessibility Guidelines 2.1</a>	Level A ( <b>Yes</b> / No ) Level AA ( <b>Yes</b> / No ) Level AAA (Yes / <b>No</b> )

## 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.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:

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.1.1 Non-text Content</a> (Level A)	Partially Supports	Some images have no alt text, use a file name for alt text, or use alt text that duplicates link text
<a href="#">1.2.1 Audio-only and Video-only (Prerecorded)</a> (Level A)	Does Not Support	Audio and video content does not provide alternatives
<a href="#">1.2.2 Captions (Prerecorded)</a> (Level A)	Not Applicable	Synchronized media not used in product
<a href="#">1.2.3 Audio Description or Media Alternative (Prerecorded)</a> (Level A)	Not Applicable	Synchronized media not used in product
<a href="#">1.3.1 Info and Relationships</a> (Level A)	Supports	The site's content and its relationships can be programmatically determined
<a href="#">1.3.2 Meaningful Sequence</a> (Level A)	Supports	Correct reading sequence can be programmatically determined
<a href="#">1.3.3 Sensory Characteristics</a> (Level A)	Supports	The site's content does not rely solely on sensory characteristics
<a href="#">1.4.1 Use of Color</a> (Level A)	Supports	The site's content does not rely solely on color to convey information
<a href="#">1.4.2 Audio Control</a> (Level A)	Not Applicable	Audio content does not play automatically
<a href="#">2.1.1 Keyboard</a> (Level A)	Supports	The site is operable by a keyboard interface
<a href="#">2.1.2 No Keyboard Trap</a> (Level A)	Supports	Focus can be moved away from components using a keyboard interface
<a href="#">2.1.4 Character Key Shortcuts</a> (Level A 2.1 only)	Not Applicable	Feature not used in product
<a href="#">2.2.1 Timing Adjustable</a> (Level A)	Not Applicable	Feature not used in product
<a href="#">2.2.2 Pause, Stop, Hide</a> (Level A)	Not Applicable	Feature not used in product
<a href="#">2.3.1 Three Flashes or Below Threshold</a> (Level A)	Not Applicable	Feature not used in product
<a href="#">2.4.1 Bypass Blocks</a> (Level A)	Supports	A "Skip to main content" link is provided
<a href="#">2.4.2 Page Titled</a> (Level A)	Partially Supports	Most web pages have titles that describe purpose, but some are missing them
<a href="#">2.4.3 Focus Order</a> (Level A)	Supports	Components can be focused in an order that preserves meaning and operability

<a href="#">2.4.4 Link Purpose (In Context)</a> (Level A)	Supports	The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context
<a href="#">2.5.1 Pointer Gestures</a> (Level A 2.1 only)	Not Applicable	Feature not used in product
<a href="#">2.5.2 Pointer Cancellation</a> (Level A 2.1 only)	Not Applicable	Feature not used in product
<a href="#">2.5.3 Label in Name</a> (Level A 2.1 only)	Partially supports	Not all labels have names that contains the text that is presented visually
<a href="#">2.5.4 Motion Actuation</a> (Level A 2.1 only)	Not Applicable	Feature not used in product
<a href="#">3.1.1 Language of Page</a> (Level A)	Supports	The site's default language can be programmatically determined
<a href="#">3.2.1 On Focus</a> (Level A)	Supports	Focused components do not change context
<a href="#">3.2.2 On Input</a> (Level A)	Supports	Changing component settings do not change context
<a href="#">3.3.1 Error Identification</a> (Level A)	Supports	Input errors are described to the user
<a href="#">3.3.2 Labels or Instructions</a> (Level A)	Supports	Labels/instructions provided when user input required
<a href="#">4.1.1 Parsing</a> (Level A)	Supports	HTML is parsed correctly
<a href="#">4.1.2 Name, Role, Value</a> (Level A)	Supports	Name, role, value can be programmatically determined

## Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.4 Captions (Live)</a> (Level AA)	Not Applicable	Live audio not used in product
<a href="#">1.2.5 Audio Description (Prerecorded)</a> (Level AA)	Not Applicable	Synchronized media not used in product
<a href="#">1.3.4 Orientation</a> (Level AA 2.1 only)	Supports	Content is not restricted to a specific display orientation
<a href="#">1.3.5 Identify Input Purpose</a> (Level AA 2.1 only)	Partially supports	Most input fields collecting information about the user can be programmatically determined, however some should be more specific
<a href="#">1.4.3 Contrast (Minimum)</a> (Level AA)	Supports	Text has a contrast ratio of at least 4.5:1
<a href="#">1.4.4 Resize text</a> (Level AA)	Supports	Text can be resized by browsers
<a href="#">1.4.5 Images of Text</a> (Level AA)	Supports	A particular presentation of text is essential to the information being conveyed, e.g. Ads

<a href="#">1.4.10 Reflow</a> (Level AA 2.1 only)	Supports	Content is presented without loss of functionality at mobile viewports
<a href="#">1.4.11 Non-text Contrast</a> (Level AA 2.1 only)	Supports	Non-text content has enough contrast with adjacent colors
<a href="#">1.4.12 Text Spacing</a> (Level AA 2.1 only)	Supports	There's no loss of content or functionality with text spacing settings
<a href="#">1.4.13 Content on Hover or Focus</a> (Level AA 2.1 only)	Supports	Content triggered by hover and focus states is dismissable, hoverable and persistent
<a href="#">2.4.5 Multiple Ways</a> (Level AA)	Supports	Pages can be located in more than one way
<a href="#">2.4.6 Headings and Labels</a> (Level AA)	Supports	Headings and labels describe topic or purpose
<a href="#">2.4.7 Focus Visible</a> (Level AA)	Supports	The keyboard focus indicator is visible
<a href="#">3.1.2 Language of Parts</a> (Level AA)	Partially Supports	Some pages were flagged for having content in languages that could not be programmatically determined
<a href="#">3.2.3 Consistent Navigation</a> (Level AA)	Supports	Navigations that are repeated on multiple pages appear in the same order
<a href="#">3.2.4 Consistent Identification</a> (Level AA)	Supports	Components that have the same functionality are identified consistently
<a href="#">3.3.3 Error Suggestion</a> (Level AA)	Supports	Suggestions are provided to the user for secure input errors
<a href="#">3.3.4 Error Prevention (Legal, Financial, Data)</a> (Level AA)	Not Applicable	Feature not used in product
<a href="#">4.1.3 Status Messages</a> (Level AA 2.1 only)	Supports	Status messages can be programmatically determined

**Table 3: Success Criteria, Level AAA**

Notes:

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.6 Sign Language (Prerecorded)</a> (Level AAA)		
<a href="#">1.2.7 Extended Audio Description (Prerecorded)</a> (Level AAA)		
<a href="#">1.2.8 Media Alternative (Prerecorded)</a> (Level AAA)		
<a href="#">1.2.9 Audio-only (Live)</a> (Level AAA)		
<a href="#">1.3.6 Identify Purpose</a> (Level AAA 2.1 only)		

<a href="#">1.4.6 Contrast (Enhanced)</a> (Level AAA)		
<a href="#">1.4.7 Low or No Background Audio</a> (Level AAA)		
<a href="#">1.4.8 Visual Presentation</a> (Level AAA)		
<a href="#">1.4.9 Images of Text (No Exception)</a> (Level AAA)		
<a href="#">2.1.3 Keyboard (No Exception)</a> (Level AAA)		
<a href="#">2.2.3 No Timing</a> (Level AAA)		
<a href="#">2.2.4 Interruptions</a> (Level AAA)		
<a href="#">2.2.5 Re-authenticating</a> (Level AAA)		
<a href="#">2.2.6 Timeouts</a> (Level AAA 2.1 only)		
<a href="#">2.3.2 Three Flashes</a> (Level AAA)		
<a href="#">2.3.3 Animation from Interactions</a> (Level AAA 2.1 only)		
<a href="#">2.4.8 Location</a> (Level AAA)		
<a href="#">2.4.9 Link Purpose (Link Only)</a> (Level AAA)		
<a href="#">2.4.10 Section Headings</a> (Level AAA)		
<a href="#">2.5.5 Target Size</a> (Level AAA 2.1 only)		
<a href="#">2.5.6 Concurrent Input Mechanisms</a> (Level AAA 2.1 only)		
<a href="#">3.1.3 Unusual Words</a> (Level AAA)		
<a href="#">3.1.4 Abbreviations</a> (Level AAA)		
<a href="#">3.1.5 Reading Level</a> (Level AAA)		
<a href="#">3.1.6 Pronunciation</a> (Level AAA)		
<a href="#">3.2.5 Change on Request</a> (Level AAA)		
<a href="#">3.3.5 Help</a> (Level AAA)		
<a href="#">3.3.6 Error Prevention (All)</a> (Level AAA)		

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