

Accessibility – DataONE

October 26, 2016

<http://wave.webaim.org/report#/www.dataone.org>

Original Errors – 46

37 Linked Images missing alternative text

The screenshot displays the WAVE web accessibility evaluation tool interface. At the top, the WAVE logo and 'web accessibility evaluation tool' text are visible, along with buttons for 'Styles', 'No Styles', and 'Contrast'. The 'Details' section is active, showing a filter set to 'Full'. Under 'Errors (46)', the following categories are listed:

- 3 X Missing alternative text (3 red error icons)
- 37 X Linked image missing alternative text (37 red error icons arranged in a grid)
- 4 X Missing form label (4 red error icons)
- 2 X Empty button (2 red error icons)

Under 'Alerts (15)', the following categories are listed:

- 4 X Skipped heading level (4 yellow warning icons)
- 1 X Broken same-page link (1 yellow warning icon)
- 5 X Suspicious link text (5 yellow warning icons)
- 5 X Redundant link (5 yellow warning icons)

On the right side of the interface, a vertical sidebar contains the DataONE logo, an 'alt' field icon, and an 'About' button. Below the sidebar, a green grid pattern is visible, and a section titled 'h2What' is partially shown.

Current Member Nodes view did not have alt enabled on the image field (32 member nodes in front page slider). Enabling this 'alt' field dramatically reduced the errors to twelve.

Three errors missing alternative text

There were also three missing image alt tags for DataONE Search screenshot under 'Discover', the image under 'Participate' and the Upcoming Webinar image.

Four errors Missing Form Label

Due to top dual search and Discover section search box - both missing labels, fieldset and fieldset legend.

Two errors due to Empty Buttons

Contributed module "tb_Megamenu" renders an invalid "A button is empty or has no value or text"

Resolved and patched using "aria-label" attribute

https://developer.mozilla.org/en-US/docs/Web/Accessibility/ARIA/ARIA_Techniques/Using_the_aria-label_attribute

```
<button data-target=".nav-collapse"
        data-toggle="collapse"
class="btn btn-navbar tb-megamenu-button"
        type="button" aria-label="Menu">
```

Sent the patch to <https://www.drupal.org/node/2477361>

Four alerts – skipped heading level

Due to incorrect heading structure level (h1, h2, h3, etc) in 'Discover', 'Participate', and 'Learn' section. The original structure was h1, h4, h6 (skipping h2).

Known Issues

- Captcha is inaccessible – DataONE Contact Page
<http://simplyaccessible.com/article/googles-no-captcha/>
 - Back to Top Module inaccessible – fix (patch)
<https://www.drupal.org/node/2745725>
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October 28, 2016

Site checks out as accessible with 0 errors and 0 alerts.

<http://wave.webaim.org/report#/www.dataone.org>

The image shows a side-by-side comparison of a web accessibility report and the website it was generated for. On the left is the WAVE (Web Accessibility Evaluation Tool) report interface. It features a logo with a green 'W' in a circle, the text 'WAVE web accessibility evaluation tool', and buttons for 'Styles', 'No Styles', and 'Contrast'. Below this is a 'Summary' section with a list of findings: 0 Errors, 0 Alerts, 57 Features, 53 Structural Elements, 5 HTML5 and ARIA, and 7 Contrast Errors. Underneath is a 'Panel Options' section with three items: 'DETAILS: A listing of all the WAVE icons in your page.', 'DOCUMENTATION: Explanation of the WAVE icons and how you can make your page more accessible.', and 'OUTLINE: The heading structure of the web page.' On the right is a screenshot of the DataONE website. The header includes the 'DataONE' logo (with a globe icon) and the tagline 'Data Observation Network for Earth'. Below the logo is an alt text box containing 'alt *DataONE*'. A dark red navigation bar contains the links 'About', 'News', 'Participate', and 'Resources'. The main content area has a green background with a grid pattern and the heading 'h1 Discover' followed by the text 'Find data from affiliated member repositories'. A red rectangular box highlights a 'More' button at the bottom of this section.

In addition, site pages were analyzed and same errors/alerts have been resolved.