Issue Report

Site quality report for https://citsci.kmi.open.ac.uk/ produced on January 9, 2025.

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| --- | --- | --- |
| Overall Quality |                                                   | 1 pages with quality issues |
| Errors |                                                  | 0 pages with broken links or other errors |
| Accessibility |                                                   | 1 pages with accessibility problems |
| Compatibility |                                                  | 0 pages with browser specific issues |
| Search |                                                   | 1 pages with search engine issues |
| Standards |                                                   | 1 pages have W3C standards issues |
| Usability |                                                   | 1 pages with usability issues |
| Totals |  | 30 URLs checked |

# Errors

This section shows site quality issues, including broken links and server mis-configurations.

## Informative

These messages are for information only and do not indicate errors or conformance problems.

 The Check Page command does not check links or page weight.

To checks links or page weight on a single page use the Check Page and Links command.

Blocked Links

<https://citsci.kmi.open.ac.uk/> line 1

# Accessibility

This section shows accessibility issues, indicating problems for older users, people with disabilities or accessibility needs. Automated testing cannot detect all accessibility issues, so should be used alongside human testing.

## Level A

1 issues on 1 pages

 img elements must have an accessible name.

Add an alt attribute describing the image, which screen readers voice instead of the image. Spacer images and purely decorative images should use alt="" without any global ARIA attributes. Do not use alt text containing only spaces since that's voiced as an unlabeled image.
• NVDA 2023.3 Chrome 120 Windows 10 Reading: Image ignored.
• NVDA 2023.3 FF 115 Windows 10 Reading: Image ignored.
• NVDA 2023.3 Edge 120 Windows 10 Reading: Image ignored.
• JAWS 2023.2311.34 Chrome 120 Windows 10 Reading: Image ignored.
• JAWS 2023.2311.34 FF 115 Windows 10 Reading: Image ignored.
• JAWS 2023.2311.34 Edge 120 Windows 10 Reading: Image ignored.
• VoiceOver macOS 13.6 Safari 16.6 macOS 13.6.0 Reading: Image filename read out.
• VoiceOver iOS 16.6 Safari iOS 16.6 iOS 16.6.1 Touch: Image filename read out, along with OCR text from image.

[WCAG 2.1 A F65](https://www.w3.org/TR/WCAG20-TECHS/F65.html) [Section 508 (2017) A F65](https://www.w3.org/TR/WCAG20-TECHS/F65.html)

<https://citsci.kmi.open.ac.uk/> line 4713

## Level AA

1 issues on 1 pages

 Do not use the meta viewport tag to disable zoom.

Setting user-scalable=no or maximum-scale to less than 2.0 prevents zooming small text to make it readable. Note that iOS 10+ ignores this setting.

[WCAG 2.1 AA 1.4.4](https://www.w3.org/TR/UNDERSTANDING-WCAG20/visual-audio-contrast-scale.html) [Section 508 (2017) AA 1.4.4](https://www.w3.org/TR/UNDERSTANDING-WCAG20/visual-audio-contrast-scale.html)

<https://citsci.kmi.open.ac.uk/> line 6

## Level AAA

3 issues on 1 pages

 Avoid specifying a new window as the target of a link with target=\_blank .

Displaying new windows without warning can be very confusing to non-sighted and mobile users. Some screen readers and mobile devices give very little indication a new tab or window has opened. If you cannot avoid displaying a new window, insert an "opens in a new window" warning into the link text or add the warning to the link using a title attribute or aria-describedby attribute.

[WCAG 2.1 AAA F22](https://www.w3.org/TR/WCAG20-TECHS/F22.html)

<https://citsci.kmi.open.ac.uk/> line 4751 4752

 Clickable targets must be at least 44 by 44 CSS pixels.

[WCAG 2.1 2.5.5](https://www.w3.org/WAI/WCAG21/Understanding/target-size.html)

201 x 40 216 x 40 <https://citsci.kmi.open.ac.uk/> line 4741

 Don't use CSS animations or transitions in interactions without giving the user a way to turn them off.

Use the @media (prefers-reduced-motion) media query to respect user preferences.

[WCAG 2.1 2.3.3](https://www.w3.org/WAI/WCAG21/Understanding/animation-from-interactions.html)

:hover transition: background-size 439.0px 3.2px 16.0px 0.2s :hover transition: background-size 456.0px 3.2px 16.0px 0.2s :hover transition: background-size 387.0px 3.2px 16.0px 0.2s :hover transition: background-size 526.0px 3.2px 16.0px 0.2s :hover transition: background-size 474.0px 3.2px 16.0px 0.2s <https://citsci.kmi.open.ac.uk/> line 4675 4678 4681 4684 ...

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 WCAG Success Criteria 4.1.1 is always satisfied for HTML and XML pages.

Since WCAG 2 4.1.1 was written, the HTML Standard has added requirements specifying exactly how browsers handle incomplete markup, incorrectly nested elements, duplicate attributes, and duplicate IDs. This means the "except where the specifications allow" condition in 4.1.1 is satisfied.

[WCAG 2.1 4.1.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/ensure-compat-parses.html)

<https://citsci.kmi.open.ac.uk/> line 1

# Compatibility

This section shows pages that exhibit browser-specific behavior, or trigger browser bugs.

# Search

This section shows search engine guideline violations, and pages that don't comply with search optimization best practices.

## Priority 2

1 issues on 1 pages

 This page has more than one title element. Only the first title is displayed in search results.

Best Practice

<https://citsci.kmi.open.ac.uk/> line 21 42

## Priority 4

1 issues on 1 pages

 This page has more than one meta description tag. Only the first description is displayed in search results.

Best Practice

<https://citsci.kmi.open.ac.uk/> line 7 394

# Standards

This section shows pages that do not comply with W3C standards.

## Priority 1

9 issues on 1 pages

 A document must not include more than one meta element with name=description .

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://citsci.kmi.open.ac.uk/> line 7 394

 An img element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.

[HTML5](https://html.spec.whatwg.org/multipage/images.html#alt)

<https://citsci.kmi.open.ac.uk/> line 4713

 Attribute href not allowed on element.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://citsci.kmi.open.ac.uk/> line 180

 Duplicate attribute class .

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://citsci.kmi.open.ac.uk/> line 257

 Element div not allowed as child element in this context.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://citsci.kmi.open.ac.uk/> line 181

 Element title not allowed as child element in this context.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://citsci.kmi.open.ac.uk/> line 48

 Text not allowed.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://citsci.kmi.open.ac.uk/> line 49

 The frameborder attribute on the iframe element is obsolete. Use CSS instead.

[HTML5](https://html.spec.whatwg.org/multipage/obsolete.html)

<https://citsci.kmi.open.ac.uk/> line 4845

 The scrolling attribute on the iframe element is obsolete. Use CSS instead.

[HTML5](https://html.spec.whatwg.org/multipage/obsolete.html)

<https://citsci.kmi.open.ac.uk/> line 4845

## Priority 2

2 issues on 1 pages

 aria-required is unnecessary for elements with a required attribute.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://citsci.kmi.open.ac.uk/> line 4628 4632

 The navigation role is unnecessary for element nav .

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://citsci.kmi.open.ac.uk/> line 4665

## Informative

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 Property or at-rule is vendor specific.

Properties and at-rules prefixed by a dash or underscore, the zoom property and the expression() function are vendor specific and only work on one browser engine.

CSS Validation

-moz-osx-font-smoothing -webkit-font-smoothing -webkit-animation -webkit-animation @-webkit-keyframes <https://citsci.kmi.open.ac.uk/> line 396 397 459 462 464 ...

# Usability

This section shows general usability issues, indicating navigation problems for all users.

## Priority 2

1 issues on 1 pages

 Omitting img width or height attributes makes the page layout jump about as images load.

This makes the page very hard to read or click while it's loading. Fix by adding width and height attributes to the img tag matching the image dimensions. In responsive layouts, specifying width and height prevents layout jumping because the browser can pre-calculate the final image size when CSS like this is used: img { max-width: 100%; height: auto }

[Usability.gov 14:3](https://www.powermapper.com/products/sortsite/rules/usegov14.3/) [W3C](https://developer.mozilla.org/en-US/docs/Web/Media/images/aspect_ratio_mapping)

<https://citsci.kmi.open.ac.uk/> line 4713 4752 4753

## Priority 3

1 issues on 1 pages

 Use at least a 12-point font on all web pages.

• <p style="font-size: 11pt;" >
• <p style="font-size: 15px;" >
• <p style="font-size: small;" >
• <font size="2" >
• <font size="-1" >

[Usability.gov 11:8](https://www.powermapper.com/products/sortsite/rules/usegov11.8/)

<https://citsci.kmi.open.ac.uk/> line 82