

Author Guidelines

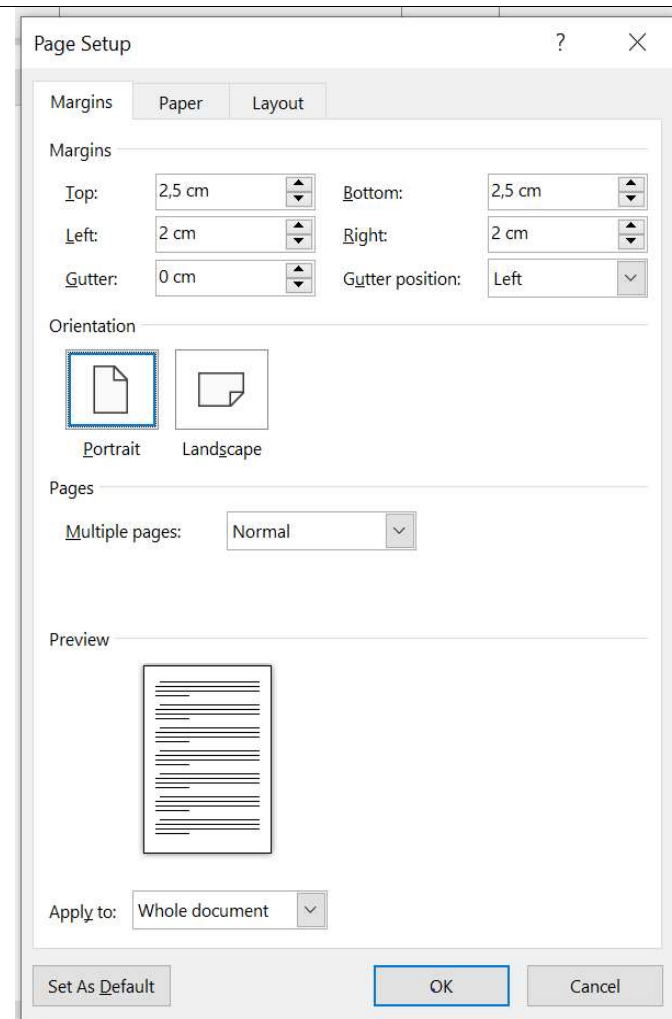
Instructions for Authors submitting papers to the RaSiM 11 International Symposium
'Rockbursts and Seismicity in Mines', Luleå, Sweden 24-29 August 2025

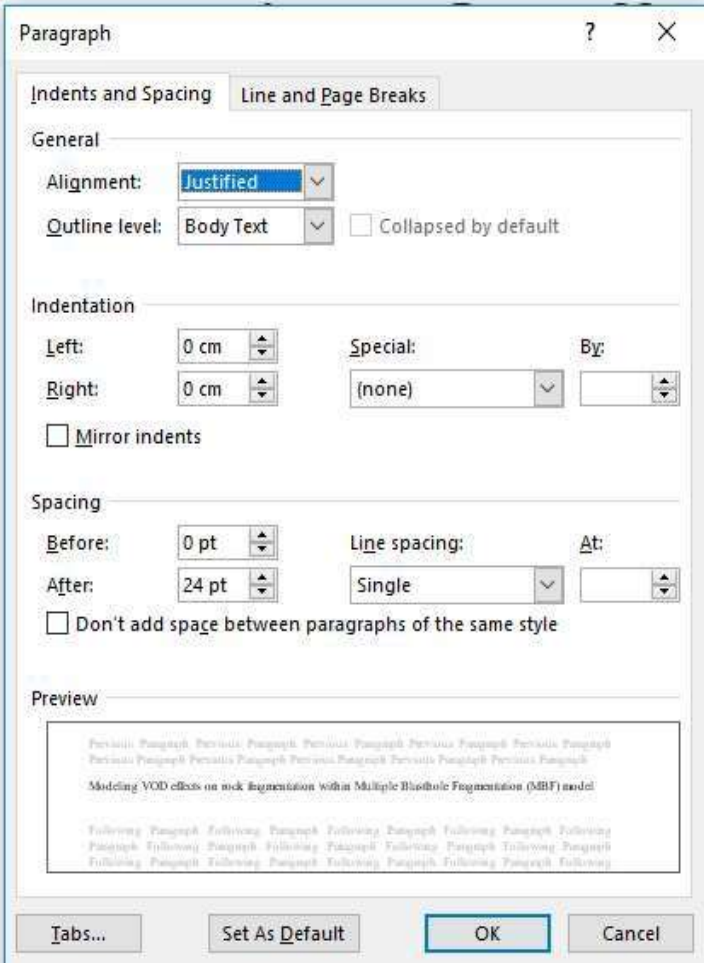
General guidelines

- ✓ Please use the following instructions for the paper to RaSiM 11.
- ✓ For simplicity use the added template for writing the paper.
- ✓ Always use the official SI notations.
- ✓ The proceedings from RaSiM will be digital, and there are no constraints on the length of the paper.
- ✓ Kindly remove page numbers. If the total number of pages in the paper is odd, kindly add a page at the end to make it even.
- ✓ Colour figures are allowed and encouraged.
- ✓ The deadline for submission of the first draft of the paper is March 31, 2025.
- ✓ Papers should be submitted as word-files via [the online submission system](#).

Margins

Left: 2 cm
Right: 2 cm
Top: 2.5 cm
Bottom: 2.5 cm



Text style	Times new roman	
Paper title	Font size: 18 (bold)	
[Style: Title]	Line spacing:-Single	
	Spacing before the paragraph: 0 pt	
	Spacing after the paragraph: 24 pt	
	First letter of the first word of the sentence is with capital letter and all acronyms are with capital letters too. It should look like this:	
	<p style="text-align: center;">Development of a Markov Model for Production Performance Optimisation</p>	

Affiliations

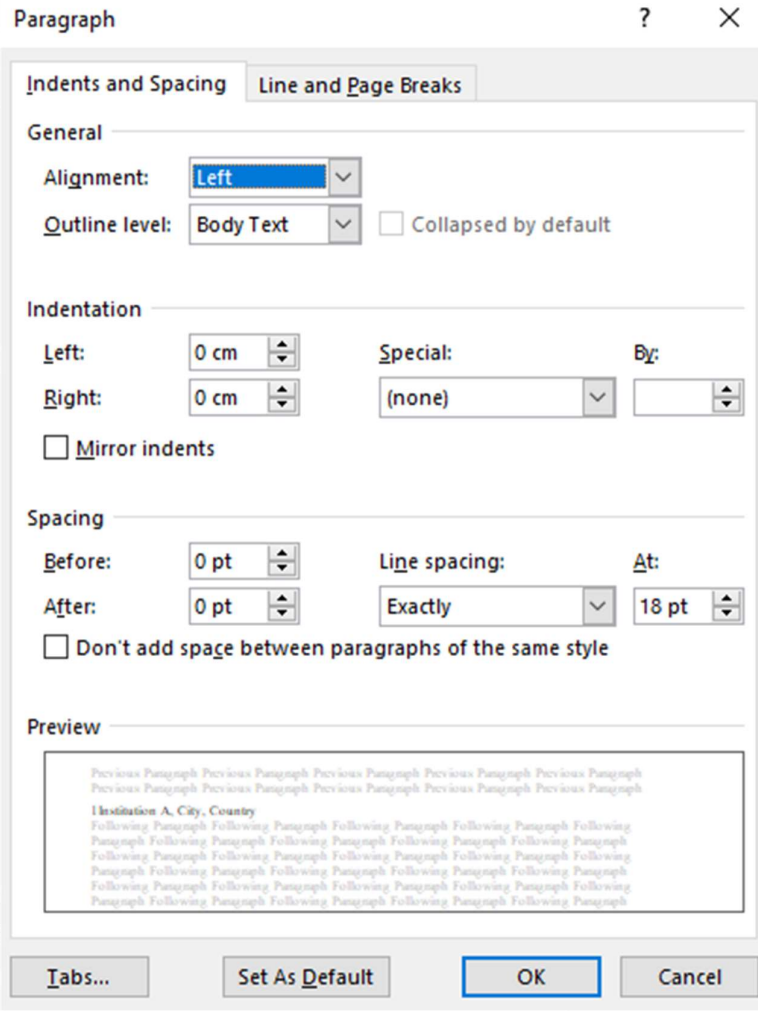
[Style: Affiliations]

Font size: 12 pt
Line spacing: Exactly 18 pt
Spacing before and after the paragraph: 0 pt
Affiliation (Company or University name in *italics*)
It should look like this:

¹*Luleå University of Technology, Luleå,
Sweden*
²*Indian Institute of Technology, Dhanbad,
India*

1, 2

Font size: 12 pt, superscript, italics



Abstract heading
[Style:
Abstract_Heading]

Font size: 12 pt (Capital letters and **bold**)
Line spacing: Exactly 14 pt
Spacing before the paragraph: 48 pt Spacing after the paragraph: 10 pt Alignment: Left
It should look like this:

ABSTRACT

Paragraph ? X

Indents and Spacing Line and Page Breaks

General

Alignment: **Left** v

Outline level: **Body Text** v Collapsed by default

Indentation

Left: 0 cm v Special: (none) v By: v

Right: 0 cm v

Mirror indents

Spacing

Before: 48 pt v Line spacing: **Exactly** v At: 14 pt v

After: 5 pt v

Don't add space between paragraphs of the same style

Preview

Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph
Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph

ABSTRACT

Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph
Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph

Tab... Set As Default OK Cancel

Abstract text

[Style:
Abstract_Text]

Font size: 12 pt
Line spacing: Exactly 14 pt
Spacing before the paragraph: 0 pt
Spacing after the paragraph: 10 pt
Alignment: Justified
Text should look like this:

ABSTRACT

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam imperdiet enim venenatis, tincidunt nulla eu, facilisis quam. Nulla quam ipsum, cursus in sem ut, interdum semper ex. Sed lorem lacus, feugiat et iaculis sed, ullamcorper at tellus. Quisque laoreet cursus ante in egestas. Sed non augue nisi. Proin quis nisi dui. Sed at velit et mauris posuere molestie. Nam ut metus sit amet nunc vulputate vehicula. Nunc nec mattis massa, eu mattis lorem. Aliquam erat volutpat. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.

The image shows a screenshot of the Microsoft Word Paragraph dialog box, specifically the "Line and Page Breaks" tab. The dialog box is titled "Paragraph" and has a question mark icon and a close button (X) in the top right corner. It is divided into several sections: "General", "Indentation", "Spacing", and "Preview".

- General:** Alignment is set to "Justified". Outline level is set to "Body Text". There is an unchecked checkbox for "Collapsed by default".
- Indentation:** Left and Right margins are both set to "0 cm". Special indentation is set to "(none)". There is an unchecked checkbox for "Mirror indents".
- Spacing:** Spacing before the paragraph is set to "0 pt" and spacing after is set to "10 pt". Line spacing is set to "Exactly" with a value of "14 pt". There is an unchecked checkbox for "Don't add space between paragraphs of the same style".
- Preview:** A preview window shows a sample paragraph of text with the applied formatting: justified alignment and 14 pt line spacing.

At the bottom of the dialog box, there are four buttons: "Tabs...", "Set As Default", "OK", and "Cancel". The "OK" button is highlighted with a blue border.

Keywords

Font size: 11 pt, *italics, comma separated*

Line spacing: Exactly 14 pt

[Style: Keywords]

Spacing before the paragraph:
0 pt

0 pt

Spacing after the paragraph:
10 pt

10 pt

Alignment: left

Text should look like this:

Keywords: rock burst, seismicity, rock mechanics, tunnelling

Paragraph

The screenshot shows the 'Paragraph' dialog box with the 'Line and Page Breaks' tab selected. The 'General' section has 'Alignment' set to 'Left' and 'Outline level' set to 'Body Text'. The 'Indentation' section has 'Left' and 'Right' set to '0 cm', 'Special' set to '(none)', and 'By' set to '0'. The 'Spacing' section has 'Before' set to '0 pt', 'After' set to '10 pt', 'Line spacing' set to 'Exactly', and 'At' set to '14 pt'. The 'Preview' section shows a sample of the text: 'Keywords: rock burst, seismicity, rock mechanics, tunnelling' in italics. The 'OK' button is highlighted with a blue border.

Heading 1

[Style: Heading 1]

Font size: 12 pt (Capital letters),
Bold, Line spacing: Exactly 14 pt
Spacing before the paragraph: 20
pt Spacing after the paragraph: 6
pt Indentation Hanging (0,77 cm)
Numbered (1, 2, 3...).
Alignment: Left
It should look like:

2 **NEW DEVELOPMENT**

Paragraph ? X

Indents and Spacing Line and Page Breaks

General

Alignment: Left

Outline level: Level 1 Collapsed by default

Indentation

Left: 0 cm Special: Hanging By: 0,77 cm

Right: 0 cm

Mirror indents

Spacing

Before: 20 pt Line spacing: Exactly At: 14 pt

After: 6 pt

Don't add space between paragraphs of the same style

Preview

Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph
Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph

Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text
Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample
Text Sample Text Sample Text Sample Text Sample Text

Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following
Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph

Tab... Set As Default OK Cancel

Heading 2

[Style: Heading 2]

Font size: 12 pt, **bold**

Line spacing: Exactly 14 pt

Spacing before paragraph: 10 pt Spacing after paragraph: 6 pt Indentation Hanging (0,77 cm)

Numbered (2.1,2.2,2.3) Alignment: Left

It should look like this:

2.1 Case study mine

Paragraph ? X

Indents and Spacing Line and Page Breaks

General

Alignment: Left

Outline level: Level 2 Collapsed by default

Indentation

Left: 0 cm Special: Hanging By: 0,77 cm

Right: 0 cm

Mirror indents

Spacing

Before: 10 pt Line spacing: Exactly At: 14 pt

After: 6 pt

Don't add space between paragraphs of the same style

Preview

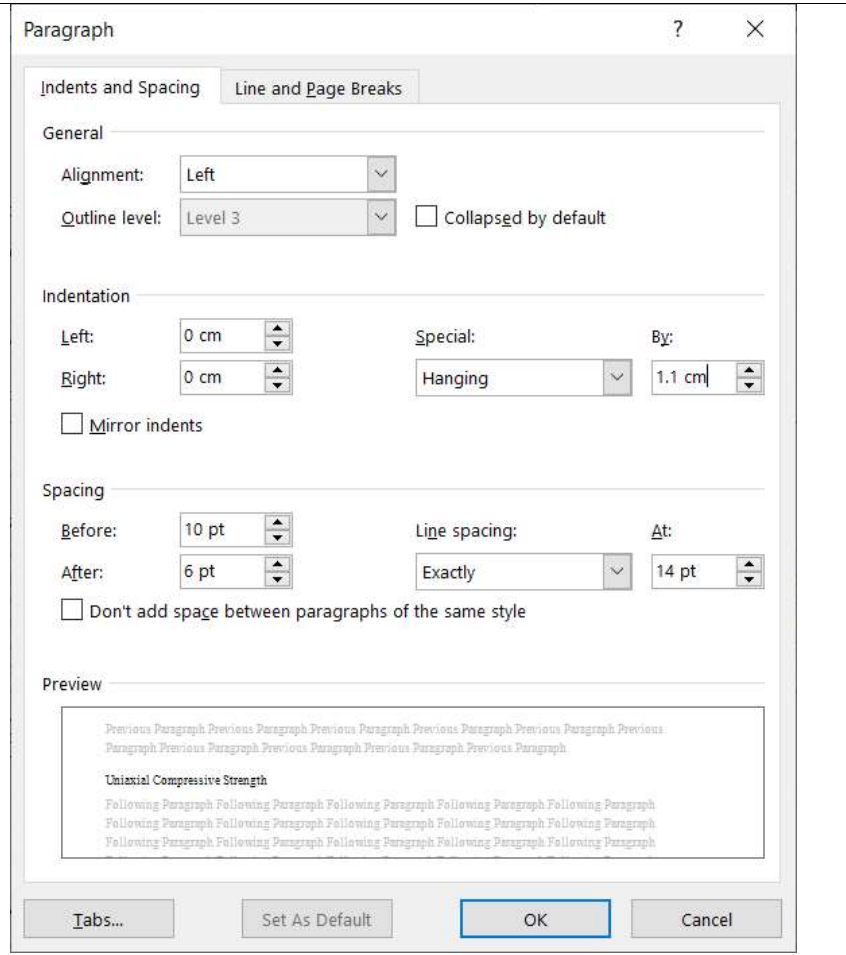
Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph

Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text

Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph

OK

<p>Heading 3 [Style: Heading 3]</p>	<p>Font size: 12 pt, bold, italic Line spacing: Exactly 14 pt Spacing before paragraph: 10 pt Spacing after paragraph: 6 pt Indentation Hanging (1,1 cm) Numbered (2.1.1,2.1.2) Alignment: Left It should look like this:</p> <p style="text-align: center;"><i>2.1.2 Heading 3</i></p>
<p>Heading 4 [Style: Heading 4]</p>	<p>Font size: 12 pt, <i>italic</i> Line spacing: Exactly 14 pt Spacing before paragraph: 10 pt Spacing after paragraph: 6 pt Indentation Hanging (1,5 cm) Numbered (2.1.1.1,2.1.2.1) Alignment: Left It should look like this:</p> <p style="text-align: center;"><i>2.1.1.2 Heading 4</i></p>



**Main text body,
first paragraph**

Font size: 12
Line spacing: at Least 14

[Style:First_Paragraph]

Spacing before and after the paragraph: 0
Alignment: Justified

First paragraph

The image shows a screenshot of the Microsoft Word Paragraph dialog box, specifically the 'Line and Page Breaks' tab. The dialog box is titled 'Paragraph' and has a close button (X) in the top right corner. It is divided into several sections: 'General', 'Indentation', 'Spacing', and 'Preview'.
- **General:** The 'Alignment' dropdown is set to 'Justified'. The 'Outline level' dropdown is set to 'Body Text'. There is an unchecked checkbox for 'Collapsed by default'.
- **Indentation:** The 'Left' and 'Right' indentations are both set to '0 cm'. The 'Special' dropdown is set to '(none)'. There is an unchecked checkbox for 'Mirror indents'.
- **Spacing:** The 'Before' and 'After' spacing are both set to '0 pt'. The 'Line spacing' dropdown is set to 'At least', and the 'At' spacing is set to '14 pt'. There is an unchecked checkbox for 'Don't add space between paragraphs of the same style'.
- **Preview:** A preview window shows a sample paragraph of text with the specified formatting: justified alignment and 14 pt line spacing.
At the bottom of the dialog box, there are four buttons: 'Tabs...', 'Set As Default', 'OK', and 'Cancel'.

**Main text body,
next paragraph**

**[Style:
Next_Paragraph]**

Font size: 12
Line spacing: at Least 14
Indentation: First line 0.5 cm
Spacing before and after the paragraph: 0
Alignment: Justified

Next paragraph

The image shows a screenshot of the Microsoft Word Paragraph dialog box, specifically the 'Line and Page Breaks' tab. The dialog box is titled 'Paragraph' and has a question mark icon and a close button (X) in the top right corner. It is divided into several sections: 'General', 'Indentation', 'Spacing', and 'Preview'.
- **General:** The 'Alignment' dropdown is set to 'Justified'. The 'Outline level' dropdown is set to 'Body Text'. There is an unchecked checkbox for 'Collapsed by default'.
- **Indentation:** The 'Left' and 'Right' indentations are both set to '0 cm'. The 'Special' dropdown is set to 'First line', and the 'By' value is '0.5 cm'. There is an unchecked checkbox for 'Mirror indents'.
- **Spacing:** The 'Before' and 'After' spacing are both set to '0 pt'. The 'Line spacing' dropdown is set to 'At least', and the 'At' value is '14 pt'. There is an unchecked checkbox for 'Don't add space between paragraphs of the same style'.
- **Preview:** A preview box shows a sample paragraph of text with the specified formatting: justified alignment, first-line indent, and line spacing. The text is: 'Quisque laoreet cursus ante in egestas. Sed non augue nisi. Proin quis nisi dui. Sed at velit et mauris posuere molestie. Nam ut metus sit amet nunc vulputate vehicula. Nunc nec mattis massa, eu mattis lorem. Aliquam erat volutpat.'
At the bottom of the dialog box, there are four buttons: 'Tabs...', 'Set As Default', 'OK', and 'Cancel'.

List Items, Bullet points

[Style: List Paragraph]

Font size: 12
Alignment: Justified
Line spacing: At least 14 (similar to first paragraph)
Spacing before and after the paragraph: 8pt
Text will look like this.

- Item 1 in the list
- Item 2 in the list
- Item 3 in the list

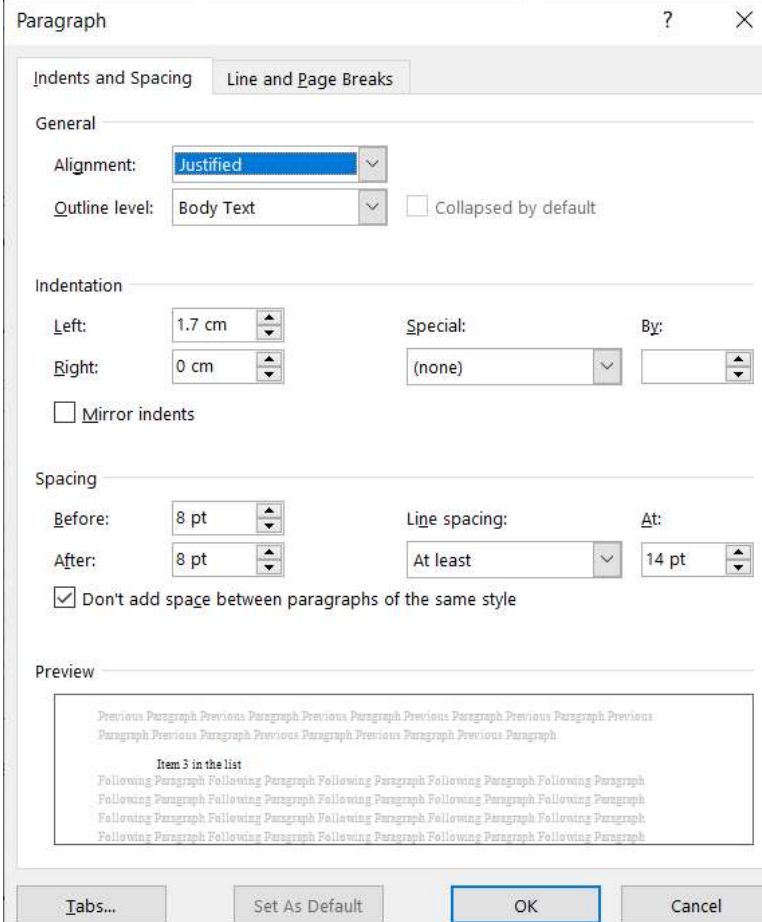
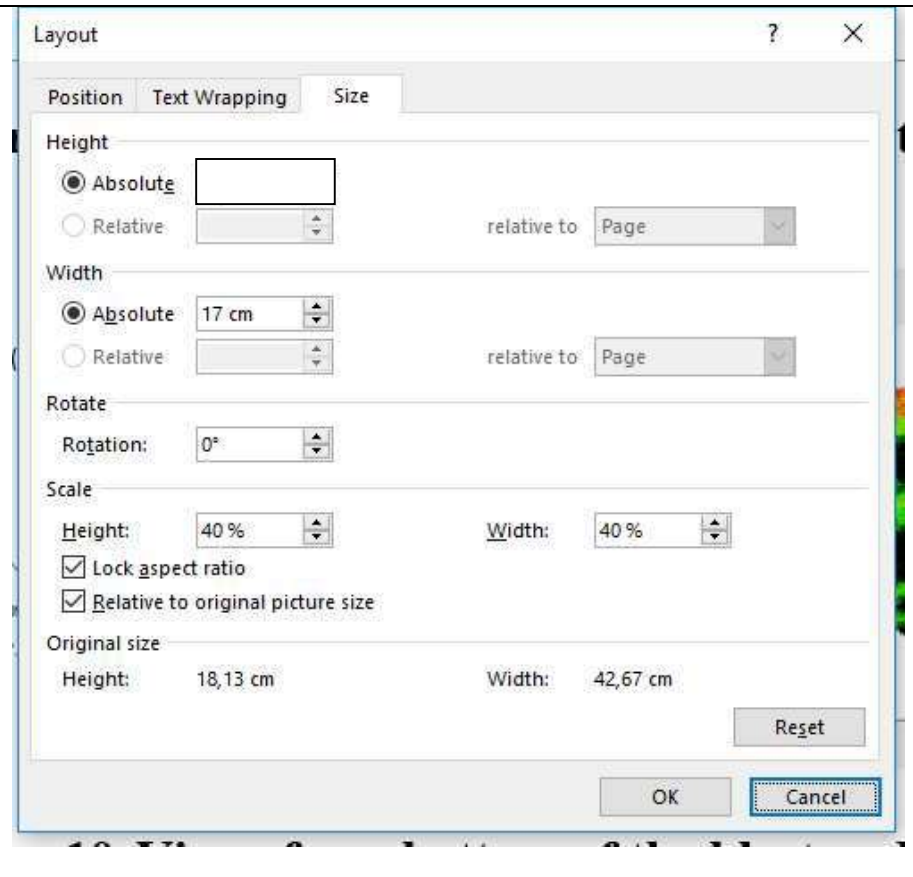


Figure size

Width maximum 17 cm, lock aspect ratio to keep the shape of the figure the same
Wrapping style in line with the text
Move the figures which are in the tables and paste them as just figures.

No border for the figure



Text Wrapping

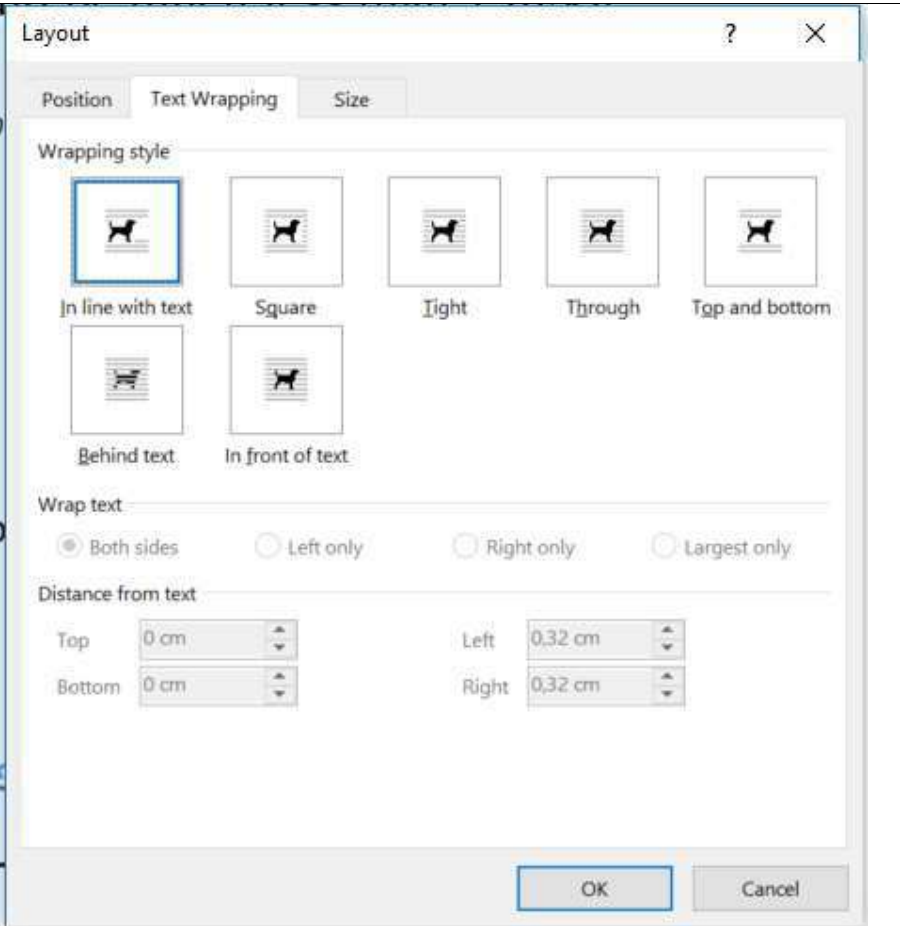


Figure position
[Style: Figure]

Spacing before the paragraph: 6 pt
Spacing after the paragraph: 0 pt
Alignment: center

Paragraph [?] [X]

Indents and Spacing Line and Page Breaks

General

Alignment: Centered [v]

Outline level: Body Text [v] Collapsed by default

Indentation

Left: 0 mm [u] Special: (none) [v] By: [u]

Right: 0 mm [u]

Mirror indents

Spacing

Before: 6 pt [u] Line spacing: Single [v] At: [u]

After: 0 pt [u]

Don't add space between paragraphs of the same style

Preview

Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph

Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text

Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph

Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph

Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph Following Paragraph

[Tab...] [Set As Default] [OK] [Cancel]

Figure caption
(below the figure)

[Style:
Figure_Caption]

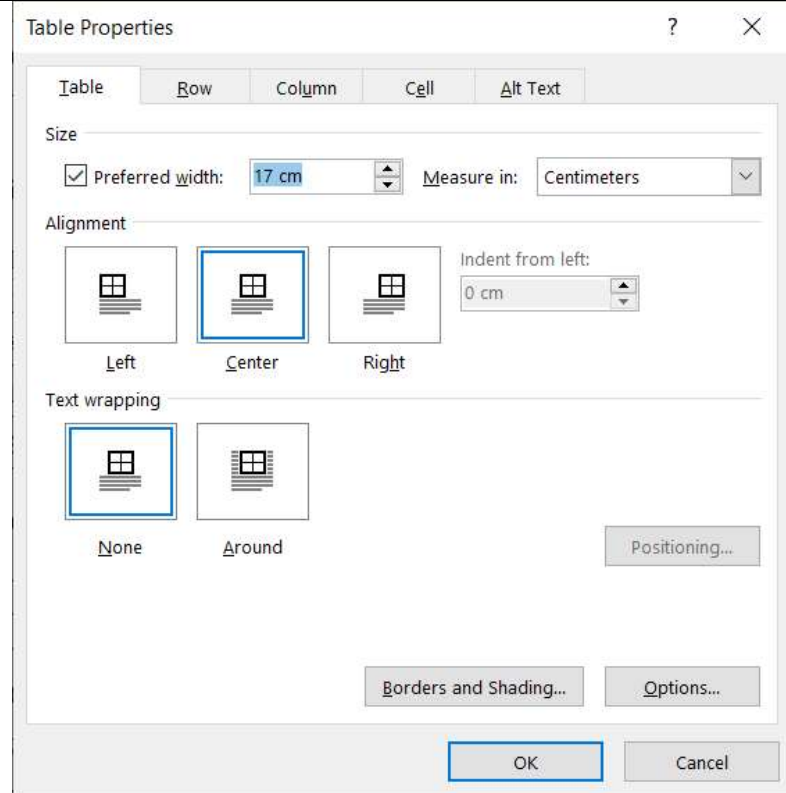
Font size: 12 pt, **bold**, Numbered, Line spacing: at least 14
Spacing before the paragraph: 0 pt Spacing after the paragraph: 10 pt Indentation Hanging (2,1 cm)
Put a tab after figure number and use the tab to align them.
It should look like this:

Figure 1 A sample figure caption which is displaying the hanging text

The image shows the 'Paragraph' dialog box in Microsoft Word, specifically the 'Indents and Spacing' tab. The 'General' section shows 'Alignment' set to 'Left' and 'Outline level' set to 'Body Text'. The 'Indentation' section shows 'Left' and 'Right' indents at 0 cm, with 'Special' set to 'Hanging' and 'By' set to 2.1 cm. The 'Spacing' section shows 'Before' spacing at 0 pt, 'After' spacing at 10 pt, and 'Line spacing' set to 'At least' with a value of 14 pt. The 'Preview' section shows a sample of the hanging text: 'Figure 1 A sample figure caption'. The 'OK' button is highlighted.

Table size

Width - maximum 16 cm, Wrapping style none, centre aligned, text in middle and centre of the cell box.
All borders for the tables



		<p>Table Properties ? ×</p> <p>Table Row Colymn Cell Alt Text</p> <p>Size</p> <p><input checked="" type="checkbox"/> Preferred width: 2.17 cm ↑ ↓ Measure in: Centimeters</p> <p>Vertical alignment</p> <p><input type="checkbox"/> Top <input checked="" type="checkbox"/> Center <input type="checkbox"/> Bottom</p> <p>Options...</p> <p>OK Cancel</p>
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Table text

[Style: Table_Text]

Font: 12 pt
Alignment: Center
Before and after spacing: 4 pt
Line spacing: single

Header: Bold

Explosive	Density(g/cc)	RWS	VoD (m/s)
Pt-1	1.21	1.17	4880
Pt-2	1.19	0.94	4720

Paragraph

Indents and Spacing

Line and Page Breaks

General

Alignment: Centered

Outline level: Body Text

Collapsed by default

Indentation

Left: 0 cm

Special:

By:

Right: 0 cm

(none)

Mirror indents

Spacing

Before: 4 pt

Line spacing:

At:

After: 4 pt

At least

14 pt

Don't add space between paragraphs of the same style

Preview

Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph

Explosive

Following Paragraph Following Paragraph

Tab...

Set As Default

OK

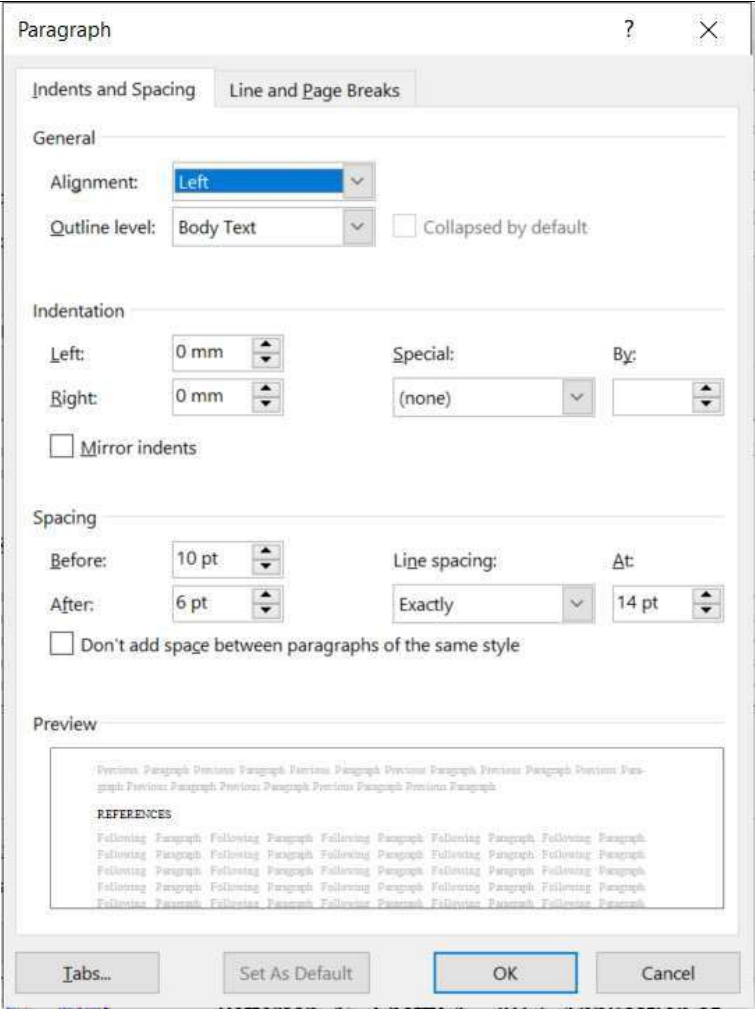
Cancel

Table caption
(Above the table)

Font size: 12 pt, **bold**, Numbered
Line spacing: at least 14 pt
Spacing before the paragraph: 0 pt
Spacing after the paragraph: 4 pt
Indentation Hanging: (2.1 cm)
Put a tab after Table number and use the tab to align them.
It should look like this:

The image shows the 'Paragraph' dialog box in Microsoft Word, specifically the 'Indents and Spacing' tab. The dialog box is titled 'Paragraph' and has a close button (X) in the top right corner. It is divided into several sections: 'General', 'Indentation', 'Spacing', and 'Preview'.
- **General:** Alignment is set to 'Left'. Outline level is 'Body Text'. There is a checkbox for 'Collapsed by default' which is unchecked.
- **Indentation:** Left and Right indentations are both set to '0 cm'. The 'Special' indent is set to 'Hanging' with a value of '2.1 cm'. There is a checkbox for 'Mirror indents' which is unchecked.
- **Spacing:** Spacing before the paragraph is '0 pt' and spacing after is '4 pt'. Line spacing is set to 'At least' with a value of '14 pt'. There is a checkbox for 'Don't add space between paragraphs of the same style' which is unchecked.
- **Preview:** A preview area shows a series of 'Previous Paragraph' and 'Following Paragraph' labels, with a 'Table 1' label in the center, demonstrating the hanging indent and line spacing settings.
At the bottom of the dialog box are four buttons: 'Tabs...', 'Set As Default', 'OK', and 'Cancel'.

<p>Equations (Style is the same as Table Text)</p>	<p>Font: Cambria Math, Font size: 12 pt Equation setting: Display The equation is put into two columns, borderless table. Put the equation in first column and number in second column. The alignment for both equation and number will be centered (horizontally and vertically)</p> <p>Note: Preferably use the Microsoft in-built equation generator to show the equation, or a high-quality image of equation with placement or alignment same as equation.</p>	$\bar{x} = \frac{x_0}{Noexp\left(\frac{PPV - PPV_c}{\eta}\right)} \quad (1)$
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<p>Acknowledgement</p> <p>[Style: Acknowledgement]</p>	<p>Font size heading: 12 pt (CAPITAL LETTERS), bold</p> <p>Font size text: 12 pt Line spacing: exactly 14 pt Spacing before the paragraph: 10 pt Spacing after the paragraph: 6 pt no hanging, not numbered, Alignment: Left</p>	
<p>Acknowledgement body text</p>	<p>Use First_Paragraph text style</p>	

Reference text	Font size heading: 12 pt (CAPITAL LETTERS), bold
[Style : References]	Font size: 10 pt Line spacing: 12 pt exactly Spacing before the paragraph: 0 pt Spacing after the paragraph: 6 pt Indentation Hanging: (5 mm) Alignment: Justified
Reference style: APA 7th Edition	

