

1 **Research Article, Short communication, Technical or Review Article**

**Commented [H1]:** Write the paper category: Research Article or Review Article.

2  
3 **Optimal The impact of fish cage culture on water quality of Taasarn-Bangpla Canal,**  
4 **Nakhon Pathom province, Thailand**

**Commented [H2]:** Article title – 12pt Times New Roman, Use the sentence case style. The first letter of the first word is capitalized. All others are lower case except unconditionally capitalized words.

5 **Woraya** Suchart Ingthamjitr\*, Natthapong Paankhao, Waleerat Lueangtongkham and  
6 Kamonchanok Ooparikatitipong

**Commented [H3]:** 12 pt Times New Roman Indicate all affiliations with a superscript number immediately after the author's name and in front of the appropriate address and indicate corresponding author after affiliation indicator.

7 **Research** Faculty of Fisheries, Kasetsart University, Kamphaeng Saen Campus, Nakhon  
8 Pathom, Thailand

**Commented [H4]:** 12 pt Times New Roman

9 \*Corresponding author. Tel.: +00-0000-0000; Email address:  
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11  
12 **Abstract**

**Commented [H5]:** 12 pt Times New Roman, Bold

13 This is an instruction for manuscript preparation for publication in Journal of Fisheries and  
14 Environment The abstract should contain a single paragraph describing objective,  
15 methodology and a summary of important results. Its length should not exceed 200 words.

16 **Keywords:** 4-6 keywords, separated by commas, the first letter of each keyword must be capitalized.  
17

## 18 **1. Introduction**

**Commented [H6]:** primary heading; in bold; hierarchically numbered

19 Start the first paragraph and subsequent paragraphs with indentation. Use tab stops or  
20 other commands for indents but do not use the space bar. Primary headings should begin at  
21 the left margin in boldface.

22 This article demonstrates an example for you to prepare your article for submission to  
23 Journal of Fisheries and Environment. Please strictly follow the guideline and use Microsoft  
24 Word for Window. The length shall not exceed 20 pages or 13,000 words.  
25

## 26 **2. Materials and methods**

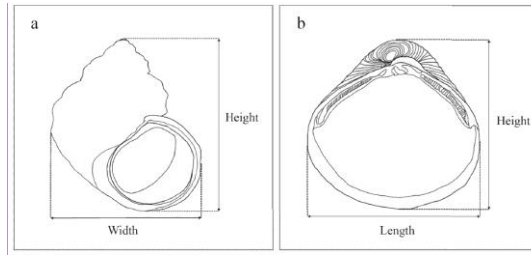
### 27 28 **2.1** *Paper size and margins*

**Commented [H7]:** Start second-level headings at the left margin in italics but not boldface.

29  
30 Manuscript should be created using MS Word. Please use A4 paper size (21x 29.7 cm),  
31 one-column format. All margins must be 2.54 cm and manuscript should have page numbers

32 and line numbering, and be typed in double spacing. Figure and tables should be placed as  
33 close as possible to where they are mentioned in the text.

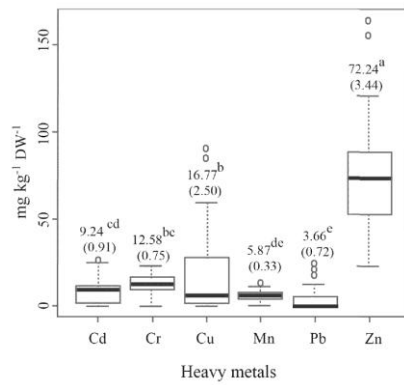
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36 **Figure 1** Measurement for dimension of Mollusk's shell (gastropod and bivalves).

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39 **Figure 2** Boxplots presenting the distribution of concentration of six heavy metals in *H.*  
40 *leptorhynchus* from the Mun River. The average associated with standard error, in  
41 parenthesis, of each heavy metal is presented above the box. Different letters, behind the  
42 averages, indicate statistical different at  $\alpha = 0.05$ .

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#### 44 2.1.1 *Structure of article*

45

46 The article content will, in general, consist of the following headings: Introduction,  
47 Materials and Methodology, Results and Discussion, Conclusion, Acknowledgements, and  
48 References.

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**Commented [H8]:** Figure formats should be at least 300 dpi in TIFF and Jpg/Jpeg format. line drawing should be on high resolution and high contrast.

**Commented [H9]:** Third-level headings at the left margin in italic but not boldface.

52 2.1.2 Figure and tables

- 53 - If your electronic artwork is created in a Microsoft Office application (Word, PowerPoint,  
54 Excel) or the application used other than Microsoft Office, when your electronic artwork is  
55 finalized, please 'Save as' or convert the images to TIFF or JPG file, use a resolution  
56 minimum of 300 dpi.  
57 - Line drawings should be of high resolution and high contrast. For color or greyscale  
58 photographs (halftones), use a minimum of 300 dpi (.TIFF or .JPG).  
59 - Provide captions to figure separately and submit each figure as a separate file.  
60 - Do not upload Excel files or images for tables. Use the table function of Microsoft Word.  
61

62 **3. Results and Discussion**

63  
64 The research results should be presented clearly and right to the point with accompanying  
65 figures and tables. These figures and tables should be referred to in the content. Explanation  
66 must not repeat what is already given in the content.  
67

68 **Table1** Design of test problems

<b>Problem</b>	<b><i>n</i></b>	<b><i>Sp</i></b>		<b><i>L</i></b>
1	10	2	200	500
2	15	2	150	1000
3	20	2	150	1000
4	30	2	150	1500
5	50	2	100	1500

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Research discussion is aimed at persuading readers by comparing with other research  
studies and proposing possible solutions or useful suggestions for solving certain research  
outcomes, etc. Research results and discussion can be written in one section.

**Commented [H10]:** Do not upload Excel files for tables. Use the table function of Microsoft Word.  
Avoid vertical lines and unnecessary horizontal lines.

78 **5. Conclusions**

79 The conclusion of points and important research elements should not be too long. Your  
80 article should be reviewed by all co-writers before submission

81

82 **6. Acknowledgements**

83

84 Acknowledgements is for the purpose of showing gratitude to research supporters. It  
85 should not be long. Your article should be reviewed by all co-writers before submission.

86 **7. References**

87 Cite references in the text as Author (year) or (Author, year). Cite three or more authors as  
88 (First Author *et al.*, year) or First Author *et al.* (year) and references still in press as (Author,  
89 in press). If a reference is unpublished, say (Author, unpubl. data) or (Author, pers. comm.),  
90 but avoid such citations. Arrange references in series by year as in (Beta 1980; Omega 1985;  
91 Alpha 1990).

92 The references should be in English. Please ensure that every references cited in the text is  
93 also present in the reference list.

94

95 *Example of references*

96

97 Nei, M. 1978. Estimation of average heterozygosity and genetic distance from a small  
98 number of individuals. **Genetics** 89:583-590.

Comment [H10]: Reference to be a Journal article \* Journal titles should be given in full.

99

100

101 Gillespie, J.H. 2010. **Population genetics: A concise guide.**The Jonhs Hopkins  
102 University Press. Baltimore.181pp.

Comment [H11]: Reference to be a book

103

104

105 Fjalestad, K.T. 2005. **Breeding strategies.** In: Selection and breeding  
106 programs in aquaculture (ed. T. Gjedrem), pp. 145-158. Springer, Netherlands.

Comment [H12]: Reference to be a book chapter

107

108 Araki, H., K. Tsukamoto, T. Kawamura, T. Takeuchi, T. Beard Jr and M. Kaiser.  
109 2008. **Hatchery stocking for restoring wild populations: A genetic**  
110 **Evaluation of the reproductive success of hatchery fish vs. wild fish.**  
111 Proceedings of the 5<sup>th</sup> World Fisheries Congress 2008: 153-167.

Comment [H13]: Reference to be a proceedings

112

113 FAO. 2012. **Cultured aquatic species in formation programme**  
114 ***pangasius hypophthalmus* (Sauvage, 1878).**  
115 [http://www.fao.org/fishery/culturedspecies/Pangasius\\_hypophthalmus/](http://www.fao.org/fishery/culturedspecies/Pangasius_hypophthalmus/en)  
116 [en](http://www.fao.org/fishery/culturedspecies/Pangasius_hypophthalmus/en). Cited 25 Dec 2012.

Comment [H14]: Reference to be a website/internet