**Journal-Specific submission requirements for your manuscript:**

Title: Comparison of algorithm for dominant algae classification in water supply source site in Yeongsan, Seomjin river basin using Statistical Machine Learning Technique

Job Code: BSLAH\_1\_6

Target Journal name: [*Water*](https://www.mdpi.com/journal/Water)

Date requested: 01 March 2023

# **Please provide ALL the information requested below.**

**Login Details**

Journal Name: [*Water*](https://www.mdpi.com/journal/Water)

Journal URL: <https://www.mdpi.com/journal/Water>

Submission System URL: <https://login.mdpi.com/login?_target_path=https%3A%2F%2Fsusy.mdpi.com%2Fuser%2Flogin%3FauthAll%3Dtrue>

**Username:** [**happy3313@korea.kr**](mailto:happy3313@korea.kr)

**Password: Jung730110**

**Additional information required to complete corresponding author profile**

**Workplace**

Please select the workplace for the corresponding author from options below:

**Graphical user interface, text, application

Description automatically generated**

**Answer: Academic**

**Job Type**

Please select the job type for the corresponding author from options below:

**Text

Description automatically generated**

**Answer: Research or Laboratory Scientist**

**Article Type**

The submission system requires you to select the appropriate article type. We will select “**Article**”, please confirm if applicable.

* Article
* Review
* Book Review
* Brief Report
* Case Report
* Comment
* Commentary
* Communication
* Concept Paper
* Conference Report
* Data Descriptor
* Editorial
* Essay
* Hypothesis
* Interesting Images
* Obituary
* Opinion
* Perspective
* Project Report
* Protocol
* Reply
* Study Protocol
* Systematic Review
* Technical Note
* Tutorial
* Viewpoint

**Answer**: Article

**Author Confirmation**

**Please note that we will be agreeing to the following statements on your behalf, please confirm if applicable.**

I have read and prepared my manuscript according to the [Instructions for Authors](https://www.mdpi.com/journal/ijerph/instructions), and I agree that my article will be published under an [open access license](https://www.mdpi.com/about/openaccess).

**Answer: agree**

**Author Biography**

A biography (maximum 1500 characters) should be a single paragraph and should contain the following points:

1. Authors’ full names followed by current positions;
2. Education background including institution information and year of graduation (type and level of degree received);
3. Work experience;
4. Current and previous research interests;
5. Memberships of professional societies and awards received.

Do you want to publish author biography for all your co-authors? Please state “yes” or “no”.

**If yes, please provide the author biography for all the authors as per the journal guidelines.**

**Answer: no**

**Author Confirmations**

**Please note that we will be agreeing to the following statements on your behalf, please confirm if applicable.**

* *All listed authors meet the*[*ICMJE criteria*](https://www.mdpi.com/journal/nutrients/instructions#authorship)*and all who meet the four criteria are identified as authors. We attest that all authors contributed significantly to the creation of this manuscript, each having fulfilled criteria as established by the ICMJE.*
* *We confirm that the manuscript has been read and approved by all named authors.*
* *We confirm that the order of authors listed in the manuscript has been approved by all named authors.*

**Answer: agree**

**Potential reviewers**

Please provide the full names, institutional affiliations, and email addresses of **5 potential reviewers** for your manuscript. As a suggestion, you may look at your reference list and select researchers whose articles you have cited in your manuscript. You may also name researchers who work in the same field and whom you may have met at international conferences. Please note that the recommended reviewers should not have worked closely with you and should not belong to the same institute as your own. We will not be able to recommend reviewers on your behalf.

**Reviewer #1**

**Name with Title: Rusul Khaleel Ibrahim, Machine learning methods for better water quality prediction**

**Institution: Department of Civil Engineering, Faculty of Engineering, University Malaya, Malaysia**

**Email Address: ruaw119.j@gmail.com**

**Reviewer #2**

**Name with Title: Rafia Mumtaz, Efficient Water Quality Prediction Using Supervised Machine Learning**

**Institution: School of Electrical Engineering and Computer Science (SEECS), National University of Sciences and Technology (NUST), Islamabad 44000, Pakistan**

**Email Address: rafia.mumtaz@seecs.edu.pk**

**Reviewer #3**

**Name with Title: Xingguo Chen, Comparative analysis of surface water quality prediction performance and identification of key water parameters using different machine learning models based on big data**

**Institution: Jiangsu Key Laboratory of Big Data Security & Intelligent Processing, Nanjing University of Posts and Telecommunications, Nanjing, China**

**Email Address: chenxg@njupt.edu.cn**

**Reviewer #4**

**Name with Title: Nida Nasir, Water quality classification using machine learning algorithms**

**Institution: Research Institute of Science and Engineering, University of Sharjah, United Arab Emirates**

**Email Address: nnasir@sharjah.ac.ae**

**Reviewer #5**

**Name with Title: Runzi Wang, Predicting stream water quality under different urban development pattern scenarios with an interpretable machine learning approach**

**Institution: School for Environment and Sustainability, University of Michigan, 440 Church Street, Ann Arbor, MI 48109-1041, United States of America**

**Email Address: runziw@umich.edu**

**Copyright Permission**

Authors should obtain permission to reproduce any published material (figures, schemes, tables, or any extract of a text) that does not fall into the public domain, or for which they do not hold the copyright. Permission should be requested by the authors from the copyrightholder.

Do you have any copyright issues? Answer: Yes/No

If yes, please provide the relevant permission files as they are required in the submission system.

**Answer: No**

**Role of Funding Source**

Please describe briefly the role of the sponsor(s), if any, in study design; in the collection, analysis and interpretation of data; in the writing of the report; and in the decision to submit the article for publication. If the funding source(s) had no such involvement, then this should be stated.

**Answer:** This work was supported by a grant from the National Institute of Environmental Research (NIER), funded by the Ministry of Environment (ME) of the Republic of Korea (NIER-2023-01-01-043).

**Previous publication**

Have the results/data/figures in this manuscript been published or are they under consideration for publication elsewhere? Answer: Yes/No

If Yes, please include details of conference papers, preprints, and theses.

**Answer: No**

**Recruiting Reviewers**

Your manuscript information (Title, abstract and keywords) will be public to the journal reviewer board members who could apply for reviewing your submission.

Do you wish to opt for recruiting reviewers? Answer: Yes/No

**Answer: Yes**

**Open peer review**

Open peer review is a process in which the journal will publish the review reports and your responses along with the paper, if it is accepted.

Note that if you select "No" at this stage, you cannot change your decision later as the reviewer needs to be informed in advance whether his/her report will be published.

Do you wish to opt for open peer review? Answer: Yes/No

**Answer: Yes**

**Confirmations**

1. All articles published by MDPI are made immediately available worldwide under an open access license ([Creative Commons BY license](https://creativecommons.org/licenses/by-nc/4.0/)). This means:
   * everyone has free and unlimited access to the full-text of all articles published in MDPI journals;
   * everyone is free to re-use the published material if proper accreditation/citation of the original publication is given;
   * open access publication is supported by the authors' institutes or research funding agencies by payment of the Article Processing Charge (APC) for accepted articles.

***Water is an open access journal with an APC of 2200 CHF per accepted paper.***

Please note that for papers submitted after **30 June 2023**, an APC of 2600 CHF will apply

You may be entitled to a discount if you have previously received a discount code or if your institution is participating in the MDPI [Institutional Open Access Program](https://www.mdpi.com/about/ioap) (IOAP). You will be prompted in the next step to determine if you are eligible for a reduction in the APC. Please note that any discount vouchers must applied before acceptance of the article. As vouchers are non-transferrable, only vouchers issued directly to authors of the paper can be applied. If you have been granted any other special discounts for your submission, please contact the *Cancers* editorial office prior to acceptance ([water@mdpi.com](mailto:water@mdpi.com)).  
  
This manuscript, if accepted, will be published under an open access license and you hereby agree to the APC. For more information on the APC, including payment and currency options, see the [journal webpage](https://www.mdpi.com/journal/water/apc).

1. I understand that:
2. If previously published material is reproduced in my manuscript, I will provide proof that I have obtained the necessary copyright permission (please refer to the Rights & Permissions website: <https://www.mdpi.com/authors/rights>)).
3. The journal editorial office reserves the right to contact all authors to confirm it in case of any doubt on potential ethical issues. I will provide email addresses for all authors and an institutional e-mail address for at least one of the co-authors, and specify the name, address and e-mail for invoicing purposes.
4. If my paper is accepted for publication, I agree to follow MDPI's public policies on Ethical Guidelines (including, but not limited to, updates to published papers and retractions). For detailed information, see our  [public policy](https://www.mdpi.com/ethics#16).
5. Data privacy is of the utmost importance and we strive to protect the data we collect against any unauthorized access by third parties. We protect your privacy through the appropriate use of security technologies and physical safeguards. MDPI may use data internally to evaluate and improve our processes and services, respond to any questions, requests or comments you make; for targeted marketing purposes; or to identify and prevent fraud, claims or other liabilities. MDPI may contact you and your co-authors by e-mail to draw your attention to content that might be of interest to you (e.g. new services, products or publications). For further information, see our [privacy policy](https://www.mdpi.com/about/privacy)..

See  <https://www.mdpi.com/about/openaccess>  for more information about open access publishing.

**Please note that we will be agreeing to the following statements on your behalf, please confirm of applicable.**

* *I have read and agree with the conditions 1 & 2 above.*
* *I have read and agree to the*[*Terms & Conditions*](https://www.mdpi.com/about/terms-and-conditions)*as well as the*[*Terms of Use*](https://www.mdpi.com/about/termsofuse)*.*

**Answer: agree**

**Payment Details**

Please provide the full name, email address, complete affiliation details including country, zip code, city of the payer who will pay the APC for the article upon acceptance. The APC need not to be paid during submission, however complete payer details is required to complete submission.

**Answer:**

1. **Full name : Yeongsan River Environment Research Center, National Institute of Environmental Research**
2. **e-mail address :** [**hsyliark@korea.kr**](mailto:hsyliark@korea.kr) **- Seong-Yun Hwang**.
3. **(61011) 5, Cheomdangwagi-ro 208beon-gil, Buk-gu, Gwangju, Republic of Korea**

*Questions/comments about this section (if any)*

|  |
| --- |
| [Write here] |

|  |
| --- |
| **INFORMATION FROM PREVIOUS SUBMISSIONS**  **(no author action required)** |

NA