Suppl. 2. Survey questionnaire on the opinions of Korean scholarly journal editors and publishers regarding journal data sharing policies and data papers in 2023, translated into English.

Survey of journal editors/publishers on data sharing/data paper policies and perceptions

How are you?
This survey was developed to understand the current status of Korean journals in terms of data sharing and data paper publication. Please indicate your journal's current policy or policy direction as a representative of the editorial board.
Your responses to this survey will be statistically analyzed and used for research purposes only. All personal information collected in this survey will be de-identified. Your contact information will only be used to send you a small coffee coupon for participating in the survey. After payment, your contact information will be destroyed immediately.
We estimate the survey will take approximately 10–12 minutes to complete.
The information provided by your organization will be an essential basis for exploring the future of research publishing. Please read the glossary before completing the survey.

*****Glossary*****
Data sharing: Releasing research data utilized in the course of research to others and making it available for reuse, usually by including a Data Availability statement in the paper.
Data paper: A type of paper that deals only with facts about data, such as the background of its production and collection and how it was collected, processed, and analyzed, but does not include the results or interpretation of the data.
An example of a data paper:
A tightly controlled fMRI dataset for receptive field mapping in the human visual cortex - Data in Brief (data-in-brief.com)

Organized by: Korean Council of Scientific Journal Editors (KCSE), Korea Institute of Science and Technology Information (KISTI)
Research period: May 16–June 16, 2023 (extended)

*Mandatory items to be completed.

*1. What is the main field of research to which your journal belongs (based on the major categories of the National Science and Technology Standard Classification System)?
1) Math
2) Physics
3) Chemistry
4) Earth Sciences (Earth/atmosphere/ocean/astronomy)
5) Life Sciences
6) Agriculture, Forestry and Fisheries
7) Healthcare
8) Machines
9) Materials
10) Chemical Engineering
11) Electrical/Electronics
12) Information/Communication
13) Energy/Resources
14) Nuclear
15) Environment
16) Construction/Transportation
17) Law
18) Politics/Administration
19) Economics/Business
20) Society/Humanity/Welfare/Women
21) Life
22) Geography/Regions/Tourism
23) Psychology
24) Training
25) Media/Communications/Literature Information
26) Neuroscience
27) Cognitive/Emotional Sciences
28) Science, Technology, and Humanities
29) History/Archaeology
30) Philosophy/Religion
31) Language
32) Literature
33) Culture/Arts/Sports

*2. What is your role in your journal? (We expect the Editor-in-Chief to respond on behalf of the journal; if someone else is responding on behalf of the Editor-in-Chief, please indicate his or her role).
Editor-in-Chief
Other roles:

*3. Please indicate your terminal degree.
1) Bachelor's
2) Master’s
3) Doctoral

*4. How much research experience have you had in your field since your terminal degree?
1) Less than 5 years
2) More than 5 years but less than 10 years
3) More than 10 years but less than 15 years
4) More than 15 years but less than 20 years
5) More than 20 years but less than 30 years
6) Over 30 years

*5. How long have you been involved in editing?
1) Less than 1 year
2) 1-2 years
3) 3-6 years
4) 6 years or more

*6. In what language is your journal published?
1) English
2) Mixed
3) Korean
4) Other languages

*7. Is your journal an open-access journal?
1) Yes
2) No

*8. How does your journal finance the publication of articles?
1) From authors (including if authors are awarded research grants)
2) Supported by national funds such as research foundations, grants, etc.
3) Paid for by the publishing entity (society, publisher, etc.)

*9. Does your journal include a policy on data sharing in its submission policy?
Data sharing: Releasing research data utilized in a research paper to others and making it available for reuse.
Example of a data sharing policy from the *Journal of Educational Evaluation for Health Professions* (JEEHP):
This journal follows the data-sharing policy described in "Data Sharing Statements for Clinical Trials: A Requirement of the International Committee of Medical Journal Editors" […] All of the authors of research articles that deal with interventional clinical trials must submit a data-sharing plan of examples 1 to 4 in Table 1. Based on the degree of sharing plan, authors should deposit their data after deidentification and report the DOI of the data and the registered site.
1) Yes (see the JEEHP policy example above).
2) No (go to #12).

10. Do you have a policy on data sharing, and if so, what is its level of rigor?
1) Data sharing is encouraged.
2) Data sharing is encouraged (choose to submit data or not) and should be described in the paper.
3) Data sharing is practiced (data submission is required) and should be described in the paper.
4) Data sharing is enforced (data must be submitted, and the data is subject to peer review) and should be described in the paper.

11. Please state the year you began enforcing your policy on data sharing (state the year in numbers only).

*12. To what extent do you consider data-sharing policies to be a disadvantage or concern in running a journal?
1 Strongly disagree (I am not concerned about this potential disadvantage or concern).
7 Strongly agree (I am concerned about this potential disadvantage or concern).
1) I'm afraid that publicizing the data will decrease the number of manuscripts submitted.
2) Contributors don't want their data publicly available.
3) I collect the data but am unsure how to deposit it.
4) I'm concerned about the reliability of the depository or platform once I receive the data.
5) I'm concerned that implementing a data-sharing policy will be costly.
6) The workload of editors or editorial staff will increase after implementing a data-sharing policy.
7) I am unsure if I can contribute to the advancement of the journal by releasing the data.

*13. Despite the above concerns, data-sharing policies proliferate in various academic disciplines due to their benefits for running a journal. Please respond to the extent to which you agree with this statement.
1 Very much not (not as good as it looks).
7 Very much so (as good as it seems).
1) Facilitating peer review.
2) Ensuring research objectivity.
3) Improve the quality of papers.
4) Promoting the reuse of data.
5) Increasing citations of the journal.

14. Please explain if you answered "2) No" to item 9.
Is a data-sharing policy something you are willing to adopt in the future?
1) I would be actively willing to adopt a data-sharing policy.
2) I would be somewhat willing to adopt a data-sharing policy.
3) Neutral
4) I have little intention of adopting a data-sharing policy.
5) Not willing at all.

15. (Only if you responded to question 14 above) At what point do you plan to introduce a data-sharing policy?
1) Within 1 year
2) More than 1 year - less than 3 years
3) More than 3 years - less than 6 years
4) No plans to do so

16. Please explain if you answered "1) Yes" in item 9.
What platforms do you utilize for data sharing?
1) General-purpose data repositories that cover a wide range of topics (e.g., Harvard Dataverse, Dryad, etc.)
2) Data repositories in the field of study to which the journal belongs (e.g., KIGAM's GeoData Platform).
3) Your repository

17. (Only if you responded to question 16 above) Please give the name of the platform you mentioned.

*18. How aware are you of data papers?
Data paper: A type of paper that deals only with the facts about the data, such as the background of the production and collection of the data and how it was collected, processed, and analyzed, but does not include the results or interpretation of the data.
1) Very familiar
2) Some knowledge.
3) No idea at all

*19. Has your journal ever published a data paper?
1) Yes
2) No (go to #22).

20. Please respond if you answered “1) Yes” to question 19 above.
Do you include data papers as one of the article types in your journal's submission guidelines?
1) Yes
2) No

21. Please respond if you answered “1) Yes” to question 20 above.
Please list the year your journal began publishing data papers.

*22. To what extent do you see disadvantages or concerns with publishing data papers?
1 Strongly disagree (I am not concerned about the potential disadvantage or concern).
7 Strongly agree (I am concerned about the potential disadvantage or concern).
1) Publishing data papers takes time and effort (cleaning data, writing descriptions, etc.)
2) Data papers may be misused or misinterpreted by other researchers.
3) I'm concerned about the copyright and licensing of the data.
4) Data papers have less academic value than regular research papers in our discipline.
5) In our discipline, data papers are less trusted than data presented in general research papers.

*23. There are also benefits or roles for publishing data papers. Please indicate the extent to which you agree with this statement.
1 Very much not (not as good as it looks).
7 Very much so (as good as it looks).
1) Being recognized for research by publishing data.
2) Increasing the diversity of the journal by expanding the article types.
3) Promoting the reuse of data.
4) Increasing citations of the journal.

24. Please explain if you answered "2) No" in question 19.
Does your journal plan to publish data papers?
1) It is willing to publish data papers actively.
2) It is somewhat willing to publish data papers.
3) Neutral
4) It has little intention of publishing data papers.
5) It is not willing at all to publish data papers.

25. (Only if you responded in #24 above)
At what point do you plan to publish a data paper?
1) Within 1 year
2) More than 1 year - less than 3 years
3) More than 3 years - less than 6 years
4) No plans to do so

26. Please explain if you answered "1) Yes" to item 19
What platform is collecting the data in your data papers?
1) General-purpose data repositories that cover a wide range of topics (e.g., Harvard Dataverse, Dryad, etc.)
2) Data repositories in the field of study to which the journal belongs (e.g., KIGAM's GeoData Platform).
3) Your repository

27. (Only if you responded to #26 above)
Please give the name of the platform you mentioned.

28. Please respond if you answered "1) Yes" to item 19.
What system do you utilize for submitting and publishing data papers?
1) The existing traditional paper submission review system
2) A system to handle data paper submission review and publication.
29. Please give the name of the system mentioned in question 28 above.

*30. Suggestions: Please describe your thoughts on what is needed to facilitate data sharing or publication of data papers.

*31. Please enter your cell phone number to send the coffee coupon.

*32. Your mobile phone number, a personal information item to be collected, will be used only for sending coupons and discarded immediately after the survey and vouchers are sent. Do you agree to the purpose of collecting and using personal information?
I agree
Disagree