

Editorial Policy and Instructions to Authors

Editorial Policy

Scope and Intent
Research Articles
Overview and Review Articles
Water Policy Articles
Peer Review
Web Publication

Submission of Manuscripts

Prerequisites
Address for Submission of Original and Final Versions of Manuscripts
Hard Copies and Electronic Versions
Suggestion of Reviewers

Format and Elements of Manuscripts

General Style and Length of Manuscripts
Title and Authorship
Abbreviated Title
Abstract
Keywords
Sections
References
Acknowledgments
Tables and Figures

Galley Proofs

Reprints

Editorial Policy

Scope and Intent

Aquatic Sciences - Research Across Boundaries (AS) publishes original research, overviews and reviews covering research from all areas of basic and applied aquatic sciences, including aquatic chemistry, aquatic ecology, aquatic physics, biogeochemistry, fishery sciences, hydrology, microbial ecology, as well as socio-economics of water. Studies from both freshwater and marine systems are published in *AS*. Preference is given to articles transcending traditional fields: (i) research across disciplinary boundaries, (ii) research across environmental boundaries, and (iii) research across spatial and temporal boundaries. *AS* appears quarterly and is composed of three types of articles:

- Research Articles
- Overview and Review Articles
- Water Policy Articles

Research Articles

These are contributed articles that should describe, interpret and discuss results of original research, ranging from mechanistic studies on a molecular basis to studies on an ecosystem scale. In the discussion section, the significance of the study to the field of aquatic sciences should be stressed. *AS* welcomes manuscripts integrating field studies, laboratory work, and mathematical modeling. Papers presenting new ideas and hypotheses, based on observations and first results, are included in *AS* as well. These "hypothesis papers" also should describe the type of experiments needed to verify proposed hypotheses. Research articles should not be longer than 14 printed pages (see "Format and Elements of Manuscripts").

Overview and Review Articles

These are invited articles that should focus on cutting-edge research questions. Review articles should provide a synthesis of the state-of-the-art in a particular field incorporating cross-boundary research, whereas overview articles should discuss studies performed among several research groups and institutions or give an overview of one's own interdisciplinary research. Overview and review articles may be longer than 14 printed pages and do not need to follow the general style of research articles (see "Format and Elements of Manuscripts"). In addition to comprehensive overviews and reviews, *AS* also publishes short critical reviews. These articles should articulate future directions in fields transcending traditional disciplines and approaches.

Water Policy Articles

These are invited articles that should present research at the interface of the natural sciences, social sciences, and public policy. They should describe developments and suggest trends in the sustainable management of local and global water systems, and provide relevant information to policy makers and governments. Water policy articles may be longer than 14 printed pages and need not follow the general style of research articles (see "Format and Elements of Manuscripts").

Peer Review

All contributed and invited manuscripts are reviewed by respected scientists who assess the quality, significance, and originality of the work, as well as the clarity of its presentation. The review process is rapid and rigorous. Our goal is to limit the time from submission to publication on the World Wide Web to six months. To ensure that *AS* presents a broad coverage of the many fields within its scope, manuscripts are initially evaluated by the Editor-in-Chief to determine their suitability for publication in *AS*.

Web Publication

The complete *AS* is published in electronic form on the World Wide Web and is accessible to all *AS* subscribers. In the future, separate electronic subscriptions will also be available. The electronic version of *AS* includes all of the material found in the printed version. Twelve months after the cover date of the printed issue, the electronic version of *AS* is freely accessible to everybody, i.e., also to institutions and individuals who are not subscribers to *AS*. The date on which a paper is posted on the Web will be

recorded in a line at the bottom of the first page of the printed version of the paper and be considered the official date of publication.

[top](#)

Submission of Manuscripts

Prerequisites

Submission of a manuscript implies

- that the work described has not been published before (except in the form of an abstract or as part of a published lecture, review or thesis);
- that it is not under consideration for publication elsewhere;
- that its publication has been approved by all the coauthors, if any;
- that it contains no materials the publication of which would violate any copyright or other personal or proprietary right of any person or entity;
- that it is consistent with any prior contractual agreement between the author(s) and their employer(s);
- that if and when the manuscript is accepted for publication, the author(s) agree to transfer the copyright to EAWAG (the copyright holder) by signing the [Copyright Status Form](#) supplied by EAWAG and returning it to EAWAG;
- that the manuscript will not be published elsewhere in any language without the consent of the copyright holder.

Address for Submission of Original and Final Versions of Manuscripts

PD Dr. Barbara Sulzberger
EAWAG
Ueberlandstrasse 133
CH-8600 Dübendorf, Switzerland
E-mail: aquatic.sciences@eawag.ch

Hard Copies and Electronic Versions

For original submissions, send either four hard copies of your manuscript or, preferably, submit it electronically as a PDF or word file (text, references, figure legends, figures and tables in one file). Sending manuscripts electronically may substantially accelerate the review process.

For submission of the final version of a manuscript, accepted for publication in *AS*, send two hard copies of your manuscript together with a diskette. Please review the final version carefully for consistent notation and correct spelling. The version on the diskette must exactly match the final hard copy. The text should be saved as two separate versions:

- (i) in standard text format as offered by your word processing program, and
- (ii) in Rich Text Format (RTF). Diskettes must be adequately

packaged before mailing.

Suggestion of Reviewers

Authors are requested to provide names and contact information (including address, phone, fax, and e-mail address) of three or four experts in the field as possible reviewers of their paper. Authors may also provide the names of persons whom they do not want to review their paper. The subject editors will try to use at least one reviewer from the author's list and to comply with any special requests.

[top](#)

Format and Elements of Manuscripts

General Style and Length of Manuscripts

All manuscripts must be written in English. The manuscript should be typed double-space with a single font (Times New Roman is preferred). All pages must be numbered starting with 1 on the title page. The length of submitted manuscripts should not exceed 14 printed pages (equivalent to approximately 12,000 words). Word counts include text, references, figures, figure legends, acknowledgments and tables. To estimate the word equivalent of figures and tables, consider each equivalent to 300 words. Editors may allow longer papers on the basis of extraordinary significance and/or originality of content.

Title and Authorship

Only the first word, proper nouns, and acronyms in the title should be capitalized. List the first name, middle initial(s), and last name of each author below the title. Give the complete mailing address of each author. When the present address of an author is different, include the new information in a footnote. In manuscripts with more than one author, the name of the corresponding author should be denoted by an asterisk with phone, fax and e-mail address given in a footnote.

Abbreviated Title

Authors should suggest an abbreviated title which will be used as a running head (no more than 50 characters including spaces).

Abstract

The abstract should be a single paragraph of no more than 250 words. The abstract should summarize the purpose, results, interpretation and significance of the study. It should be concise and self-contained without reference to figures or tables.

Keywords

Up to six (6) keywords should be listed that are suitable for incorporation into information retrieval systems.

Sections

Research Articles. We suggest that these manuscripts include an "Abstract", an "Introduction", a "Materials and methods" section, a "Results" section and a "Discussion". The "Discussion" section should include special mention of the significance of the work to the field of aquatic sciences. The "Results" and "Discussion" sections may be combined as "Results and discussion". Each section may contain subsections. Deviation from this general style is permitted if it improves the clarity of presentation.

Overview or Review Articles, and Water Policy Articles. These articles should be organized in a different way than research articles. They are divided into sections and, if necessary, subsections, similarly to book chapters, however, without numbering the sections and subsections. An abstract is optional.

References

In the text, citation of references is by name and year separated by a comma and contained in parenthesis, e.g., (Blough and Green, 1995; Schindler et al., 1996). Under "References", citations should be arranged alphabetically as follows:

Papers published in periodicals:

Schindler, D. W., P. J. Curtis, B. Parker and M. P. Stainton, 1996. Consequences of climate warming and lake acidification for UV penetration in North American boreal lakes. *Nature* **379**: 705-708.

Book Chapters:

Blough, N. V. and S. A. Green, 1995. Spectroscopic characterization and remote sensing of nonliving organic matter. In: R. G. Zepp and C. Sonntag (eds.), *Role of Nonliving Organic Matter in the Earth's Carbon Cycle*, Wiley-Interscience, New York, pp. 23-45.

Books:

Morel, F. M. M. and J. G. Hering, 1993. *Principles and Application of Aquatic Chemistry*, Wiley-Interscience, New York, 588 pp.

Acknowledgments

Include essential credits in an "Acknowledgments" section at the end of the text immediately following the references. Include acknowledgment of individuals as well as agencies and institutions who supported the work.

Tables and Figures

Tables should follow the Acknowledgments section of the manuscript, followed by the figure legends in numerical order. Tables should be furnished with appropriate titles and be numbered consecutively with Arabic numbers in order of their reference in the text. Figures should follow the figure legends. Submit each table or figure on a separate page. Tables and figures should be limited to those required for clear communication and must be referred to in the text. Figures will usually be reduced to the size of one column (corresponding to 8.0 cm in width and 23 cm in height, including the figure legend). Figures with component parts (e.g., Fig. 2A, Fig. 2B, etc.) may be included in one figure. Arrange the component parts vertically and not horizontally, if possible. Figures that are not suitable for reduction to 8.0 cm may be printed over two columns (corresponding to 16.5 cm in width and 23 cm in height, including the figure legend). It is important to make axis labels, symbols and lines in figures sufficiently big

and thick to allow for size reduction. After reduction, the final size of printed characters must not be smaller than 1.2 mm, and the final thickness of lines not less than 0.1 mm. For bar graphs, pie charts etc., use fill in patterns that can easily be distinguished from one another in non-colored figures. Avoid gray scales. A single font (preferably Arial) should be used for the axis labels. On each figure, its number must be indicated and correspond to its description in the figure legends. Exceptionally, color illustrations may be accepted.

[top](#)

Galley Proofs

Galley proofs are sent to the corresponding author directly from Birkhäuser Verlag AG. The corrected proof is to be returned by the corresponding author within 48 hours, if possible, to:

Birkhäuser Verlag AG
Aquatic Sciences
P.O. Box 133
CH-4010 Basel
Switzerland
Fax: + 41 61 205 07 91
e-mail: aquatic@birkhauser.ch

The editorial office assumes no responsibility for delayed galley proofs or for errors in galley proofs once they have been returned by the corresponding authors.

[top](#)

Reprints

The corresponding author receives 50 reprints of respective article without charge. Additional reprints may be ordered in lots of 50 when the final corrected page proofs are returned. Orders submitted thereafter are subject to considerably higher rates.

[top](#)
