

Scientific Drilling

Manuscript guidelines for authors

November 2007

General

Scientific Drilling is published by the Integrated Ocean Drilling Program (IODP) with the International Scientific Continental Drilling Program (ICDP). While it is vehicle for quick dissemination of the achievements made by these two drilling programs, it is open for contributions from any program or individual. Acceptance of manuscripts is based on relevance and quality only. The target audience of the *Scientific Drilling* is the broader Geoscience community (Earth, Ocean, and Cryosphere) and the drilling, coring, logging and related service industry at large. The goal is to provide up-to-date information on recently completed or ongoing drilling projects, drilling related technological developments including the custody and dissemination of drilling related data, updates on the development of all major scientific drilling programs and associated planning activities such as workshops. The editors therefore welcome contributions on any aspect of scientific drilling, including borehole logging and imaging instruments, long-term observatories, and data management. The editors are assisted by an Editorial Review Board (ERB), which provides independent peer-review of selected scientific manuscripts considered for publication in the journal.

Scientific Drilling is printed in color and distributed biannually in March and September to over 3000 scientists, libraries and companies all over the world. In addition, it is available in an electronic format on the Web.

Types of Contributions

The journal has five major categories into which articles are grouped:

- **Science Reports**
- **Progress Reports**

Science Reports *are peer-reviewed* by the ERB. They should focus on the objectives and the preliminary outcome of drilling projects including outlook for upcoming research on the core and data obtained. Science Reports normally refer to completed projects (or major milestones); the target is about 6-8 printed pages. Progress Reports *are not peer reviewed unless requested by the editors* and normally refer to ongoing or very recently completed projects with emphasis on project activities, and provide less scientific results than Science Reports; they typically are about 3-4 pages long.

- **Technical developments**

Articles on technical developments (achieved or planned) could describe new or improved drilling and sampling methods, and measurements on core or in situ. Articles on technical developments are typically about 3-4 pages long

- **Program Developments**

Articles on Program Development can focus on strategic program developments of non-technical nature, like data management outlook and strategies, funding agencies thematic focus, changes of focus in research programs and other drilling program related topics. These articles are typically about 2-4 pages long

- Workshop reports

Workshop reports summarize goals, discussions and conclusions from workshops related to drilling projects, or scientific themes intended to be addressed by or highly relevant to scientific drilling. These articles are typically about 2 pages long.

In addition longer articles on major topical workshops can be considered to be published in *Scientific Drilling*. The style of these articles should be one of a white paper addressing the current status of the specific scientific theme, potential for and the strategy of drilling for making significant scientific progress in the area of topic. These articles can be up to 8-12 pages long and *will be peer reviewed* by the ERB.

In addition the journal publishes non-authored:

- News and Views items

News items are typically about 100-300 words (1/5 to 1/2 printed pages), with brief preliminary information on workshops, meetings or other news related to the scientific drilling community. News items can usually be submitted until about 2 months before journal distribution (end of January for the March issue, end of July for September issue). Author's names are normally not mentioned with News items.

The journal also accepts personal 'Views', i.e., letters to the editor addressing previously printed articles, or other relevant themes of interest to the Earth science community at large. Publication of Views will be decided by the editors based on relevance to the journal and previously published articles. In addition the editors will on a case-by-case basis decide whether or not a response or comment to a 'views letter' is invited. The views section is intended to spur professional discussion.

'Views' or 'Letters' should be maximum 350 words and can include one figure.

The editors also consider publishing:

- Synthesis or Scientific Review articles

Synthesis or Scientific Review articles will report scientific progress or technical development embracing a significant period of time and /or multiple projects or phases of projects with a common theme. Typically these articles are by invitation only, but suggestions for themes are welcome. Synthesis or scientific review articles *will be externally reviewed* by the ERB and anonymous reviewers. Length of this kind of article is 16 printed pages.

- Special Issues

Scientific Drilling will also publish Special Issues with Guest Editors should the need arise that a novel upcoming topic important for a broader community deserves publication. This can be a collection of extended abstracts on the occasion of a major conference or overarching workshop or a new key

White Paper. Special issues will be prepared by invitation only, but suggestions for topics are welcome.

Page Capacity

The journal encourages submission of appropriate figures, approximately one, or slightly less than one per printed page for all categories of papers, except for 'News and Views' (case by case decision based depending on relevance). A rough guideline, this allows for approximately 700 words (plus figures) per printed page. Digital photographs and/or graphics related to articles and suitable for the front cover of the journal are always welcome and will be considered according to quality and relevance for the journal by the editors.

Procedure

If you decide to submit a manuscript to *Scientific Drilling*, please contact us as soon as possible to let us know your intent. Typically manuscript deadlines are in November and May about 4 months before distribution of the journal, but this may vary depending on the editor's schedule, the volume of the manuscripts and other factors. We will then let you know when we must have the article, and suggest length and category of article, if this is not evident. When submitting the manuscript, please follow the general and specific guidelines mentioned in this document.

If your manuscript falls within the group of reviewed manuscripts (science reports, workshop white papers, synthesis or review articles), the editors will acknowledge your submission, and start the review of your manuscript immediately. The ERB will subsequently either recommend rejection, acceptance with major modifications, or acceptance with minor or no modifications. You will be informed by the editor accordingly. If the manuscript is a review or synthesis type article, the review will also include anonymous reviewers. You will have to provide suggestions for these, but the choice will be by the ERB.

If your manuscript falls within a group that does not require external review, the editors will either reject it, apply some edits for your review, or request a revised manuscript. After finishing this review and final acceptance, the manuscript will progress into the layout stage, and proofs will be sent to the authors for review and final edits. At this point we ask the authors to sign a copyright agreement with *Scientific Drilling* to allow us to print the article as agreed upon (see copyright form).

Specific submission guidelines

If you have digital photographs and/or graphics related to your article and suitable for the front cover of the journal, please let us know. You may also submit such material simply for introduction of your article.

Style: *Scientific Drilling* production will format the article to match the journals layout styles. To help with this, please do only use one level of headlines and don't put numbers to headlines. A simple style example is at the end of this document.

Formats: please send the article in an MS Word readable format (i.e. .doc, .rtf), figures in Postscript, Illustrator or Corel Draw, photos in TIFF or JPG. We will return any other format to the authors for conversion. Please make sure that the resolution allows us to print the figures in adequate quality. Please do not send figures in MS Word or Powerpoint documents, as it's often impossible to extract these from the document in sufficient quality.

Transfer: You can send submissions by email to *journal@iodp-mi-sapporo.org*. Please make sure an email is less than 10Mb, as our server has a 'per email' volume limit there. Split it up into several emails if documents are bigger or contact the publication office which will provide instructions on how to upload to an ftp server.

For questions and comments feel free to contact the publication office by mail or e-mail at

Scientific Drilling

IODP-MI, CRIS Building-Room 05-101,

Hokkaido University,

N21W10 Kita-ku,

Sapporo, Hokkaido, 001-0021

Japan

Tel: +81-11-738-1075

Fax: +81-11-738-3520

e-mail: journal@iodp-mi-sapporo.org,

Url: <http://www.iodp.org/scientific-drilling/>

Thank you for reading these guidelines!

Scientific Drilling Journal Style Example:

Please don't use subheadings below the level in the example. The first headings are examples and may be omitted or changed. For Expedition reports, the section "The IODP Expedition 301 Scientists" is mandatory. All sections after this are optional, but the writing shouldn't be changed if used.

IODP Expedition 301 Installs Three Borehole Crustal Observatories, Prepares for Three-dimensional, Cross-Hole Experiments in the Northeastern Pacific Ocean

by Andrew T. Fisher, Tetsuro Urabe, Adam Klaus and the IODP Expedition 301 Scientists

Introduction and Goals

The basaltic upper oceanic crust comprises

Experimental Setting and Earlier Work

The Endeavour segment of the Juan de Fuca Ridge

Drilling, Sampling, Testing, and Installing Borehole Observatories on IODP Expedition 301

IODP Site 1301 was positioned 1 km south-southwest of ODP Site 1026 (Fig. 2A)....

Post-Expedition 301 CORK Servicing

Expedition 301 CORKs were serviced three weeks after the drilling expedition...

Plans for Future Experiments

The next JFR drilling expedition will include initiation ...

Acknowledgements

...

The IODP Expedition 301 Scientists

A. Fisher (Co-Chief Scientist), T. Urabe (Co-Chief Scientist), A. Klaus (Staff Scientist), A. Bartetzko, K. Becker, R. Coggon, M. Dumont, B. Engelen, S. Goto, V. Heuer, S. Hulme, M. Hutnak, F. Inagaki, G. Iturrino, S. Kiyokawa, M. Lever, S. Nakagawa, M. Nielsen, T. Noguchi, W. Sager, M. Sakaguchi, B. Steinsbu, T. Tsuji and C. G. Wheat.

References

Becker, K., and Fisher A. 2000. Permeability of upper oceanic basement on the eastern flank of the Endeavor Ridge determined with drill-string packer experiments. *J. Geophys. Res.* 105 (B1): 897-912..

Cowen, J.P., Giovannoni, S.J., Kenig, F., Johnson, H.P., Butterfield, D., Rappé, M.S., Hutnak, M., Lam P. 2003. Fluids from aging ocean crust that support microbial life. *Science* 299: 120-123.

Davis, E.E., and Becker K. 2004. Observations of temperature and pressure: constraints on ocean crustal hydrologic state, properties, and flow. in *Hydrogeology of the Oceanic Lithosphere*, edited by E.E. Davis, and H. Elderfield. pp. 225-271, Cambridge University Press, Cambridge, UK.

Authors

Andrew T. Fisher, Earth Sciences Department and Institute for Geophysics and Planetary Physics, University of California at Santa Cruz, Santa Cruz, CA 95064, U.S.A., email: afisher@es.ucsc.edu

Tetsuro Urabe, Earth and Planetary Science, University of Tokyo, 7 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

Adam Klaus, Integrated Ocean Drilling Program, Texas A&M University, 1000 Discovery Drive, College Station, TX 77845-9547, U.S.A.

and **the IODP Expedition 301 Scientists**

Related Web link

<http://iodp.tamu.edu/scienceops/expeditions/exp301.html>

Figure Credits

Fig. 3 photograph by James Gardener.