



Editorial Board and Cover Caption

Source: Arctic, Antarctic, and Alpine Research, 47(2)

Published By: Institute of Arctic and Alpine Research (INSTAAR),
University of Colorado

URL: <https://doi.org/10.1657/AAAR0047-2-c2>

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

Arctic, Antarctic, and Alpine Research

An Interdisciplinary Journal

(continuing Arctic and Alpine Research)

Institute of Arctic and Alpine Research (INSTAAR)
 University of Colorado, Boulder, Colorado 80309, U.S.A.

Editors: William D. Bowman and Anne Jennings

Managing Editor: Larry Bowlds

Editorial Board

(University of Colorado)

Anne Jennings, Editor
 William D. Bowman, Editor
 Larry Bowlds, Managing Editor
 Lesleigh Anderson, Associate Editor
 Scott Armbruster, Associate Editor

Chris Arp, Associate Editor
 Brian Barnes, Associate Editor
 Harald Bugmann, Associate Editor
 David M. Cairns, Associate Editor
 Scott A. Elias, Associate Editor
 Laura Gough, Associate Editor
 Hester Jiskoot, Associate Editor
 Julia Klein, Associate Editor
 Glen MacDonald, Associate Editor
 Irina Overeem, Associate Editor
 Nick Pepin, Associate Editor
 Lynn Resler, Associate Editor
 Gregory Starr, Associate Editor
 Michael Weintraub, Associate Editor
 Philip Woockey, Associate Editor
 Jacob Yde, Associate Editor
 Tingjun Zhang, Associate Editor
 Wesley LeMasurier, Book Review Editor

INSTAAR and Department of Geological Sciences
 INSTAAR and Department of Ecology and Evolutionary Biology
 INSTAAR
 U.S. Geological Survey, Denver
 University of Portsmouth; University of Alaska Fairbanks;
 Norwegian University of Science and Technology
 University of Alaska Fairbanks
 University of Alaska Fairbanks
 Swiss Federal Institute of Technology, Zurich
 Texas A&M University
 INSTAAR and Royal Holloway, University of London
 University of Texas at Arlington
 University of Lethbridge
 Colorado State University
 University of California, Los Angeles
 INSTAAR
 University of Portsmouth
 Virginia Tech
 University of Alabama
 University of Toledo, Ohio
 Heriot-Watt University, Edinburgh
 Sogn og Fjordane University College
 Lanzhou University, China
 INSTAAR

Arctic, Antarctic, and Alpine Research is published quarterly (February, May, August, and November) by the Institute of Arctic and Alpine Research, University of Colorado, 450 UCB, Boulder, Colorado 80309-0450, U.S.A.; telephone (303) 492-6391. Nonprofit postal permit #29840. Periodicals postage paid at Boulder, Colorado, and at additional mailing office. Postmaster: send address changes to Institute of Arctic and Alpine Research, University of Colorado, 450 UCB, Boulder, Colorado 80309-0450. USPS 029-840.

2015 online subscriptions (4 numbers) are \$300 for institutions, \$110 for individuals, and \$80 for students/retired. Print + online subscriptions are \$350 for institutions, \$150 for individuals and \$90 for students/retired. Delivery of print copies to addresses outside the United States requires a \$25 surcharge. AAAR no longer offers print-only subscriptions. Prices and availability of back issues vary; contact Jen Hall-Bowman (AAARsubs@colorado.edu) for details. Subject and Author Index for Vols. 1–10 is \$5.00. Claims for nonreceipt of copies in North America should be made within 6 months of date of issue; claims from elsewhere, within 8 months. To email subscription requests or claims, contact Jen Hall-Bowman (AAARsubs@colorado.edu).

Direct all other communications to Larry Bowlds, Managing Editor, *Arctic, Antarctic, and Alpine Research*, 450 UCB, University of Colorado, Boulder, Colorado 80309-0450, U.S.A., or AAAR@colorado.edu. The journal's web site is <http://aaarjournal.org/>, which is also the gateway to the online version of the journal.

ON THE COVER: Snowy mountains with clouds upstream of the Heihe River basin, Qilian Mountains, China. This area is always covered by clouds, which restrict the applications of optical remote sensing. Fortunately, passive and active microwave remote sensing can penetrate the clouds. This photo was taken in the study area during an airborne remote sensing experiment. See "Estimation and analysis of snow water equivalents based on C-band SAR data and field measurements" by Shaobo Sun, Tao Che, Jian Wang, Hongyi Li, Xiaohua Hao, Zengyan Wang, and Jie Wang (pp. 313–326). Photo taken by Tao Che.

Copyright 2015, Regents of the University of Colorado. Material in this journal may be freely used if it is determined to be "fair use" under Section 107 or satisfies the conditions in Section 108 of the U.S. Copyright Law (17 USC, as revised by P.L. 94-553). For copying beyond that permitted by Section 107 or 108 of the U.S. Copyright Law, authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by the Regents of the University of Colorado for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the fee of \$7.00 per article is paid directly to CCC, 222 Rosewood Drive, Danvers, Massachusetts 01923, U.S.A. For those organizations that have been granted a photocopy license by CCC, a separate system of payment has been arranged. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. U.S. Government works, for which copyright protection is not available, do not bear separate copyright statements.

Microform edition of current volumes and out-of-print issues is available from University Microfilms, 300 N. Zeeb Road, Ann Arbor, Michigan 48106, U.S.A.

1523-0430/06 \$7.00

§ Printed on acid-free paper.

ISSN 1523-0430 (print) 1938-4246 (online)
 © 2015, Regents of the University of Colorado

ARCTIC, ANTARCTIC, AND ALPINE RESEARCH

INSTRUCTIONS FOR PREPARING AND SUBMITTING NEW MANUSCRIPTS

Editorial Policy

Arctic, Antarctic, and Alpine Research continues *Arctic and Alpine Research* from Vol. 31 (1999). The journal publishes original research papers, resulting correspondence, and short notes dealing with any scientific or cultural aspect of arctic, antarctic, and alpine environments and related topics on the subarctic, subantarctic, and subalpine and on related paleoenvironments and in the context of global change. Papers may be uni- or multidisciplinary but should have interdisciplinary appeal. Direct any questions regarding manuscript preparation to the Managing Editor: (303) 775-9580 or AAAR@Colorado.edu.

Manuscript Preparation

Use current issues of the journal as a guide to style and layout. Number pages of the manuscript consecutively. The maximum length of a paper, including references, should be about 6000 words. Manuscripts should be saved as computer files. Compose text using Microsoft Word; do not use WordPerfect, LaTeX, or TeX. Prepare tables using Microsoft Word or Excel. Save figure files at the highest resolution possible.

Cover Letter

Provide the corresponding author's mailing address, telephone and fax numbers, and e-mail address in the cover letter. The letter should also state that the work has not been previously published and, if the manuscript is accepted for publication, that the author(s) agree(s) to transfer the copyright to the Regents of the University of Colorado.

Manuscript

Title Page—The corresponding author's name and postal and e-mail addresses, and the names and postal addresses of all co-authors must appear on the first page.

Abstracts—Abstracts accompany all manuscripts and should not exceed 200 words.

Text—Follow format and style of sections and headings in current issues of the journal, using bold and italics to distinguish levels of heads in the style used in the journal. Do not use a word-processing program's "style" functions to designate subheadings; all text should be "normal" style. Avoid footnotes. Cite all tables and figures in the text in numerical order. Use the metric system, preferably *Système International d'Unités* (SI). Double-line formulas are not acceptable in the body of the text; use a solidus or negative exponent. Number and cite equations consecutively. For general matters of style refer to *The Chicago Manual of Style Online* (<http://www.chicagomanualofstyle.org/home.html>) (Chicago and London: University of Chicago Press) and *Scientific Style and Format* (7th ed.) (2006, New York: Rockefeller University Press for Council of Science Editors).

Acknowledgments—This section appears after the main part of the text and before the reference list and is used to credit assistance, grants and other financial awards, and the work of the peer reviewers.

References—Use the format of current issues of the journal. All names of authors and editors must be last names first followed by initials. Italicize the names of journals and books. Spell out the names of all journal and other serial titles. Include the names of editors of collective works. In the text, cite papers having more than two authors as, e.g., Smith et al., but in the reference list show all the authors' names. Check carefully all references for accuracy before submitting the manuscript; mistakes are common. Also, check to make certain that all citations have a reference, and all references have a citation; inconsistencies are common.

Appendices—Appendices include lengthy statistical data or text that is subordinate to the main part of the manuscript. Appendices should be placed in separate computer files.

Tables—Separate tables from text and place them in one or more separate computer files. Design each of them to fit onto one page of the journal, if possible.

Figure Captions—Number all figure captions and place them after the reference list in the computer file with the main part of the text.

Illustrations—Refer to line drawings and photographs as Figures. All figures should have the first author's name and figure number adjacent to the figure; "top" should be indicated. Plan figures with the journal page dimensions in mind: 1 column—8.5 cm (20 picas); 1.5 columns—12.5 cm (30 picas); 2 columns—17.5 cm (41.5 picas); depth 22.75 cm (54 picas), allowing space for the caption. Maps must meet the standards used in current issues of the journal; include a scale bar, latitude and longitude, and a north arrow. No letter or symbol should be less than 1 mm in height after reduction. The largest letters and numbers should usually not be more than three to four times the size of the smallest letters and numbers. Color is free.

Manuscript Submission

Submit all manuscripts through the journal's Web site unless you do not have access to the Internet.

If the Author Does Not Have Access to the Internet

Mail the manuscript computer files on a CD to AAAR, 450 UCB, Boulder, CO 80309-0450, U.S.A., or transmit the files by one or more e-mail messages to the attention of the Managing Editor at AAAR@Colorado.edu, and we will submit the files for you.

If the Author Has Access to the Internet

Go to <http://aaarjournal.org>. Select For Authors from the choices at the top. Click on Manuscript Submission, which is near the top of the drop-down list. Use the Submit Your Manuscript button. At the login screen, select a Login Name and Password to enter the AllenTrack manuscript submission site. After login, click on Manuscript Submission Instructions for detailed information on the procedures involved.

Other Considerations

Manuscript Reviews

All manuscripts are peer reviewed. The review period is usually at least three months. Check on the progress of your manuscript by visiting AllenTrack (<http://instaar.allentrack2.net>).

Proofs

Proof pages are sent to authors via e-mail as PDF files. PDF files of proof pages may not be reproduced or distributed.

Charges

To help cover ever-increasing costs, the journal has a mandatory \$200 processing fee for all manuscripts that are accepted for publication. Payment of this fee entitles the author to a free, one-year subscription, including Internet access to all volumes of the journal. If the fee presents a hardship, authors may request a waiver.

Authors are expected to pay page charges of \$105 per page, or some fraction of that amount if the full amount cannot be paid, before the paper has been published. If the charges present a hardship, authors may request a waiver. If author pays full page charges plus an additional fee of \$500, the author's paper is posted online in Open Access, which gives readers free access to the paper in perpetuity.

Currently, color is available without charge to authors.

Reprints

The journal no longer provides reprints.

Copyright

Copyright transfer forms will be sent to the author if and when the manuscript is accepted for publication.