

**CENTER FOR SPACE ENVIRONMENT MODELING (CSEM)
THE UNIVERSITY OF MICHIGAN**

SWMF SOFTWARE USE AGREEMENT

In order to register for an account to download a SWMF distribution, you must read the following USE AGREEMENT which includes a [FAIR USE POLICY](#), [COPYRIGHT NOTICE](#), [PUBLICATION POLICY](#), and [USER SUPPORT POLICY](#). After you have read and agreed to this SOFTWARE USE AGREEMENT, **Sign and Send to CSEM** to the addresses in the [Acceptance/Signature page](#).

FAIR USE POLICY

The user is not allowed to distribute any source code, documentation, or other files included in the SWMF distribution in any manner. This includes, but is not limited to, copying or distributing sections of the code, distributing the entire code, or sharing information about coding details with anyone, including, but not limited to, colleagues, students, or members of the user's research group. Users who wish to have students or colleagues use the SWMF should list these individuals on the registration form or have them fill out their own registration form at <http://csem.engin.umich.edu>.

Registration forms are processed at the SWMF working group at the University of Michigan after the application is received. Approved users will receive an email indicating how to obtain the current public distribution of the SWMF. Users will receive further email containing information about updates and fixes of the code.

As part of the registration the user must indicate the specific application for which he or she will use the SWMF. Any significant change to this indicated use requires prior permission of The Center for Space Environment Modeling (CSEM) at the University of Michigan.

Submission of this registration indicates that the user agrees to report all bugs in a timely manner. In addition, the user agrees not to discuss features, bugs, timings, performance or any numerical aspect of the SWMF with any other party without first obtaining express permission of CSEM at the University of Michigan.

The [COPYRIGHT NOTICE](#) indicates that users are given limited permission to modify the source code. Modifications to the SC/IH/GM module BATSRUS is most conveniently done through the use of "user files" which isolate changes to such things as boundary conditions and source terms. In addition, certain minor modifications must typically be made to port the framework to a new platform. Users are granted permission to make the necessary changes to port the code to a new platform. Users making code modifications are strongly encouraged to contact CSEM to ensure proper implementation of changes.

COPYRIGHT NOTICE

COPYRIGHT © 1996, 2002, 2005, 2012
THE REGENTS OF THE UNIVERSITY OF MICHIGAN
ALL RIGHTS RESERVED

PERMISSION IS GRANTED TO A SINGLE USER TO USE THIS SOFTWARE FOR NONCOMMERCIAL EDUCATION AND RESEARCH PURPOSES. THE USER IS GIVEN PERMISSION TO INSTALL AND RUN THE SOFTWARE ON MULTIPLE PLATFORMS. NO PERMISSION IS GIVEN TO COPY OR REDISTRIBUTE THIS SOFTWARE IN ANY FORM INCLUDING, BUT NOT LIMITED TO, COPYING SECTIONS OF THE SOURCE CODE OR DOCUMENTATION AND DISTRIBUTING THE CODE TO OTHER USERS.

THIS SOFTWARE IS PROVIDED AS IS, WITHOUT REPRESENTATION AS TO ITS FITNESS FOR ANY PURPOSE, AND WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE REGENTS OF THE UNIVERSITY OF MICHIGAN SHALL NOT BE LIABLE FOR ANY DAMAGES, INCLUDING SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WITH RESPECT TO ANY CLAIM ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE SOFTWARE, EVEN IF IT HAS BEEN OR IS HEREAFTER ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

PUBLICATION POLICY

Users of the SWMF are required to adhere to the publication policy outlined in this section of the USE AGREEMENT. The publication policy involves four separate sections: 1) limitations on publication topics, 2) submitted publications, 3) submitted abstracts and conference presentations, and 4) acknowledgments.

In all cases of the presentation of results derived from the SWMF, the user must acknowledge the Center for Space Environment Modeling at the University of Michigan and its creators as outlined below.

LIMITATIONS ON PUBLICATION TOPICS

The Center for Space Environment Modeling at the University of Michigan is the sole unit that may use the SWMF to publish works pertaining to numerical methods, algorithms and parallel performance. Users may not use the SWMF to do similar research without prior permission of CSEM. Users are granted permission to use the SWMF to pursue the topics listed in the registration form only. Any significant change to this indicated use requires prior permission of The Center for Space Environment Modeling (CSEM) at the University of Michigan.

PUBLICATIONS

The SWMF has been developed by a large team of scientists at the University of Michigan. In order to acknowledge their work, we ask that the first paper using SWMF results submitted by a user include one or more of the authors of the SWMF as a co-author. Within CSEM, a publication author agreement exists which determines what subset of developers should be listed as co-authors depending on the topic of the paper. We ask that users contact CSEM upon preparation of their first paper in order to determine which SWMF developers should participate in preparation of the paper and should be listed as co-authors.

Subsequent publications should include as co-authors those scientists who participate in the submitted research in a significant way either through providing help with the use of the SWMF or through scientific collaboration. Because a thorough understanding of the numerical algorithms used in the SWMF is generally required when interpreting simulation results, we highly encourage code users to speak with scientists at the Center for Space Environment Modeling before publication.

In all papers submitted for publication, we require the authors to acknowledge the Center for Space Environment Modeling at the University of Michigan and the developers of the SWMF as outlined below in the ACKNOWLEDGMENTS section.

In order to keep a comprehensive record of the applications for which the SWMF is used, we ask authors to send a copy of all submitted abstracts. In addition, we ask that authors send a pre-print of articles being submitted for publication and re-prints of all accepted and published papers to CSEM.

ABSTRACTS AND CONFERENCE PRESENTATIONS

In conference presentations, scientists at CSEM should be included as co-authors when they have contributed to the presented research in a significant way either through providing help with the use of the SWMF or through scientific collaboration. In all cases, we require authors to acknowledge the Center for Space Environment Modeling at the University of Michigan and the developers of the SWMF as outlined below in the ACKNOWLEDGMENTS section.

In order to keep a comprehensive record of the applications for which the SWMF is used, we ask authors to submit to CSEM a copy of all abstracts submitted to conferences.

ACKNOWLEDGMENTS

In all papers submitted for publication and conference presentations, we require the authors to acknowledge the Center for Space Environment Modeling at the University of Michigan and the developers of the SWMF.

In published papers, authors should use the following acknowledgment:

Simulation results were obtained using the Space Weather Modeling Framework, developed by the Center for Space Environment Modeling, at the University of Michigan with funding support from NASA ESS, NASA ESTO-CT, NSF KDI, and DoD MURI.

In conference presentations, author should acknowledge the "developers of the Space Weather Modeling Framework and the Center for Space Environment Modeling at the University of Michigan."

USER SUPPORT POLICY

As outlined in the COPYRIGHT NOTICE, this SWMF distribution is provided as is, without representation as to its fitness for a purpose and without warranty of any kind.

Although we cannot guarantee user support, bug reports and questions can be sent to swmf.support@umich.edu. Please include the following information with any submitted bug report: version number, a copy of the PARAM.in file, description of machine on which the code was run (#PEs, memory), a copy of the SWMF output, and any error messages generated by the system.

ACCEPTANCE & SIGNATURE

I acknowledge that I have read and accept the conditions stated above.

PRINT NAME: _____

SIGNATURE: _____

CONTACT INFORMATION

Questions regarding the SWMF, correspondence related to publications, or other related questions can be addressed to:

swmf.support@umich.edu

Center for Space Environment Modeling (CSEM)
C/O Tamas Gombosi
Space Research Building
University of Michigan
2455 Hayward St.
Ann Arbor, MI 48109-2143
