## **CESM Kernel License**

The Community Earth System Model (CESM) was developed in cooperation with the National Science Foundation, the Department of Energy, the National Aeronautics and Space Administration, and the University Corporation for Atmospheric Research National Center for Atmospheric Research.

THIS SOFTWARE IS PROVIDED BY UCAR AND ANY CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL UCAR OR ANY CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Except for the segregable components listed in the table below, CESM is public domain software. The following components are copyrighted and may only be used, modified, or redistributed under the terms indicated below.

Code	Institution	Copyright	Terms of Use/Disclaimer
ESMF	University of Illinois/NCSA	Copyright 2002- 2009, University of Illinois/NCSA Open Source License	University of Illinois/NCSA Open Source License
POP, SCRIP, CICE	Los Alamos National Laboratory	Copyright 2013 Los Alamos National Security, LLC	Los Alamos National Security, LLC
Glimmer-CISM	LANL/U. Bristol/U. Edinburgh/U. Montana/U. Swansea)	Copyright 2014, GNU Lesser General Public License	GNU Lesser General Public License
AER RRTMG	Atmospheric and Environmental Research, Inc.	Copyright 2002- 2010, Atmospheric and Environmental Research, Inc.	AER RRTMG Copyright
MCT	Argonne National Laboratory	Copyright 2011, University of Chicago.	MCT Copyright
ICSSP	N/A	Copyright 2003, 2010, Steve Klein and Mark Webb	ISCCP Simulator Software

	Wadsack-Allen Digital Group	13 0	The documentation for the Perl XML-Lite module is no longer available on-line.
Inf_NaN_Detection module	Lahey Computer Systems, Inc.	2003, Lahey Computer Systems, Inc.	Copies of this source code, or standalone compiled files derived from this source may not be sold without permission from Lahey Computers Systems. All or part of this module may be freely incorporated into executable programs which are offered for sale.  Otherwise, distribution of all or part of this file is permitted, provided this copyright notice and header are included.