

OAK RIDGE NATIONAL LABORATORY

MANAGED BY UT-BATTELLE FOR THE DEPARTMENT OF ENERGY

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April 24, 2009

Dean Williams
Program for Climate Model Diagnosis and Intercomparison
Lawrence Livermore National Laboratory
Mail Code L-103
7000 East Avenue
Livermore, California 94550

Dear Dean,

I am writing to enthusiastically endorse the efforts of the Earth System Grid Center for Enabling Technologies (ESG-CET). As a part of the Scientific Discovery Through Advanced Computing project entitled "A Scalable and Extensible Earth System Model for Climate Change Science," led by John Drake (ORNL) and Phil Jones (LANL) and funded by DOE's Office of Biological and Environmental Research, my research in terrestrial biogeochemistry model development and evaluation has taken advantage of the Earth System Grid to organize, archive, and distribute results from the Carbon-Land Model Intercomparison Project (C-LAMP). C-LAMP and its archive within ESG are enjoying increasing visibility in the international climate research community. Moreover, the new ESG server deployed at ORNL, initially to support the C-LAMP experiments, has been an important part of the infrastructure used to prototype biogeochemical data and metadata standards for CMIP5. In the coming years we hope that ESG will support the additional land model experiments the community is working to define around the IPCC AR5 protocol, and will provide infrastructure for global carbon cycle analyses centered around the ORNL node.

I look forward to continued collaboration with you and your team on this very important work for the climate community.

Best wishes,

A handwritten signature in black ink, appearing to read "Forrest Hoffman". The signature is written in a cursive, flowing style with a large initial "F".

Forrest Hoffman