

Winter 2006

RMA Newsletter

Resource Modeling Association

www.resource modeling.org

President's Remarks

Dr. Chris Cieszewski, Warnell School of Forest Resources, University of Georgia has agreed to host the 2008 World Conference on Natural Resource Modeling. The exact location has not been determined but will likely be in Warsaw, Poland the summer of 2008. Chris will be in Poland this summer and at that time the host organization, location and date will be determined. For the last several years Chris has organized an annual meeting of Southern Forest Biometricians and has expressed an interest in holding a joint meeting with RMA. (Although at the time we weren't thinking of holding it in South Poland). Many thanks to Mike Strub for making it happen.

I'll take this as an opportunity to put forward a strategy to increase RMA membership. Mike was asked by a friend to attend an RMA meeting, he has in turn introduce RMA to other colleagues to attend and become members of RMA. (Although this sounds a lot like Amway it is still an honorable approach and won't turn RMA into a cult) Both contributed to the last RMA newsletter which was excellent and illustrated the uniqueness of the organization.

Thank you and look forward to seeing everyone in Bergen,

— Bill Smith

Encounters in Norway!



The RMA meeting in Bergen 25 - 28 June 2006 is coming up fast. See page 2 for additional information. Check out the website by linking from Resource modeling.org.

Send questions to Stein Steinshamn: Stein.Steinshamn@snf.no

The Newsletter Co-Eds are seeking volunteers to write up reports on the meeting for the post-conference Newsletter. Please email beresd@ripon.edu to offer your services. No experience necessary!

Natural Resource Modeling News

by Catherine A. Roberts, Editor

The year 2005 corresponded to Volume 18 for our journal, *Natural Resource Modeling*. We published 23 manuscripts over four issues. The last two were special issues edited by Suzanne Lenhart and Horst Thieme, and based on papers presented at the January 2005 Joint Mathematics Meetings. The theme of Issue 3 was *Modeling & Control of Natural Resources* and the theme of Issue 4 was *Aspects of Competition, Adaptation, and Patchiness in Ecology*.

Volume 19 is already in great shape. The first issue, edited by Bob Fray, will be papers from the RMA Beaufort meeting and the third issue, edited by John Hearne, will be based on the RMA Australia meeting. We have ten accepted manuscripts awaiting publication, as well as several manuscripts in the review pipeline. The RMA Australia and RMA Aracata meetings appear to have generated more manuscripts than can fit into one issue; consequently, some accepted papers will appear in a regular issue instead.

Volume 20 will have two special issues. *Mathematical Modeling of Jointly Determined Economic and Ecological Systems*, edited by John Tschirhart, is based on the Diversitas meeting held in Paris in Nov. 2005. *Economic Effects of Climate Change on Fisheries*, edited by Rögnvaldur Hannesson, is based on papers from a meeting held in Bergen in June 2005.

The journal is still under review for consideration for inclusion in ISI Science Citation Index. We hope to have a positive decision made in late 2006. Keep sending us your high quality manuscripts! Remember that if you can't wait to see the papers from an upcoming issue, you may find them online ahead of schedule at <http://rmmc.eas.asu.edu/>.

RMA 2006 WORLD CONFERENCE in Norway

Bergen,
our host
city, was
founded in
1070.



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Keynote speakers:

Professor Erwin Bulte, University of Tilburg, Netherlands

Dr. Kenneth Patterson, European Commission, DG for Fisheries
and Maritime Affairs, United Kingdom

Mr. Karl Iver Dahl-Madsen, Head of Department of Ecology &
Environment at DHI Water & Environment, Denmark

Abstract Submission Guidelines

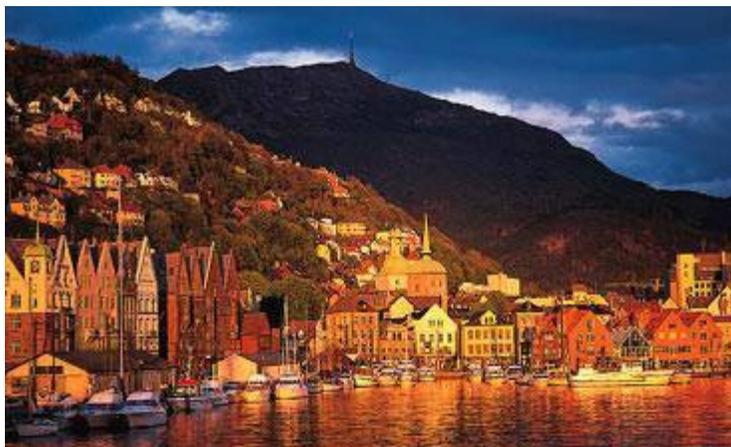
Abstracts should include title, all authors and affiliations, and type of presentation. Indicate which author is presenting, and whether it is a student project. Abstracts should be no more than 500 words. Abstracts must be submitted no later than May 1.

Submit abstracts electronically as an attachment or included in the body of an email sent to:

stein.steinshamn@snf.no

Student Paper and Poster Competition

Student oral presentations and posters will be judged and awards will be presented for the outstanding student paper and outstanding student poster. To have a paper or poster entered in this competition please indicate on the abstract that it is a student paper or poster.



OPPORTUNITIES

Editors Note: These notices were current at the time we began assembling the Newsletter. We do not know whether the positions remain unfilled.

EPA Announces Research Strategy

The Environmental Protection Agency announced on January 4 a long-term strategy to conduct research in environmental economics and decision sciences that will further the Agency's mission to protect public health and the environment. The Environmental Economics Research Strategy identifies and prioritizes research that will be conducted over the next five to 10 years to improve the scientific foundation for EPA's decision-making and policy initiatives. Using this strategic roadmap, EPA will conduct research to learn how people value changes in environmental quality; how incentives influence responses to effectively improve environmental quality; and how human behavior can be modified to encourage protection of the environment.

The research strategy focuses on improving the science used to evaluate the costs and benefits of environmental policies, and to develop initiatives that will take advantage of predictable behavioral responses to efficiently achieve environmental quality goals. The research strategy requires the integration of economics and other environmental science disciplines at EPA. "Environmental policies based on sound economics and behavioral sciences can save society billions of dollars and effectively reduce risks to health and the environment," said Dr. George Gray, assistant administrator for EPA's Office of Research and Development. "This research is essential if we are to improve environmental quality at the lowest cost to businesses and governments."

The Environmental Economics Research Strategy is posted on EPA's Web pages at <http://www.epa.gov/ord/htm/documents/econresearch.pdf> or <http://yosemite.epa.gov/ee/epa/eed.nsf/Webpages/EEResearchStrategy.html>

In Need of a Few Good Book Ideas

I will be teaching differential equations next fall. I would prefer, for a change, to emphasize environmental modeling rather than the more traditional applications to the physical sciences. I was wondering whether any RMA members could recommend textbooks that take that approach. Please send them to: beresk@ripon.edu

—Karl A. Beres

Post-Doc Opening

A grant-funded postdoctoral research associate position is available in the Department of Natural Resources at the University of New Hampshire. In collaboration with faculty and with cooperating scientists at the U.S.D.A. Forest Service, the research associate will perform basic research on monitoring, modeling, and understanding regional variability in forest carbon sequestration. Full description found at www.unhjobs.com/applicants/Central?quickFind=179897

Potential applicants are encouraged to contact Dr. Mark Ducey, mjducey@cisunix.unh.edu, with questions. UNH is strongly committed to achieving excellence through diversity. The University actively encourages applications and nomination of women, persons of color, and members of other underrepresented groups, including the disabled. Review of applications will begin on February 1, 2006 and will continue until the position is filled.

Mark J. Ducey, Associate Professor of Forest Biometrics and Management
University of New Hampshire Durham, NH 03824

Forest Analyst Position

NCASI's (National Council for Air and Stream Improvement, Inc.) Statistics and Model Development Group (SMDG) is improving and developing various computerized tools. This includes harvest scheduling and online software that provides access to USDA Forest Service inventory data and GIS data. An applicant with an educational background in forest biometrics or economics and a strong interest in computer modeling is sought. The successful applicant will be required to develop proficiency with the R statistical language. The job will also provide an opportunity to develop skills related to: Java and Perl programming, the Linux operating system and GIS analysis. However, the main task is development and application of NCASI computerized models. The job will provide an excellent opportunity to work with harvest scheduling data, growth and yield models, and FIA data. There will be opportunities to coauthor scientific papers, attend scientific meetings, and interact with forestry professionals from industry and government. Learn more at <http://ncasi.uml.edu/>. The position will be located in Lowell, MA. The position is funded by a one-year grant with a possibility for multiyear extensions. Submit resumes to: NCASI Attn: Paul Van Deusen, 600 Suffolk Street, Fifth Floor, Lowell, MA 01854. Email: Paul_VanDeusen@UML.EDU. Position open until filled.