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## Nebraska Earth Systems Education Network Newsletter – Spring 1995

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## **Nebraska Earth Science Education Network**

9 Nebraska Hall, University of Nebraska-Lincoln, Nebraska 68588-0517

Phone: 402-472-0773

Fax: 402-472-4608

Web site: <http://nesen.unl.edu>

Email: nesen 2@unl.edu

### **Spring 1995 Newsletter**

Issue Number 6

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#### **SUMMER WORKSHOPS 1995**

Confirmation letters have been sent to those who have enrolled in our summer workshops. We are pleased with the interest in our summer workshop series. These workshops are offered free to Nebraska educators and will take place at the Conservation and Survey Division on the UNL city campus. The workshops being offered are:

**What's in a Rock?**, presented by Marv Carlson and Dave Gosselin, July 13 & 14; **Rural and Urban Applications of Soil Surveys**, presented by Francis Belohlavy and Mark Kuzila, July 15 & 16; **Understanding the Earth in Four Dimensions**, presented by Marv Carlson and Dave Gosselin, July 17 & 18. If you are interested in attending there are still a few slots available. Please fill out the enclosed registration form or call Julie Dial at 402-472-0773.

#### **NEW DIRECTORY TO BE PRINTED AND DISTRIBUTED**

The second edition of the *NESEN Membership Directory and Information Guide* is almost ready for distribution. Members' personal information has been expanded, and several other features have been added. We think the second edition is a very useful publication that will enhance your earth science instruction. We plan to mail it to all NESEN members at the end of May.

#### **VIDEO LENDING LIBRARY COMING SOON**

We have obtained the Earth Revealed Science Series produced by the Annenberg School of Communication. This series features 13 VHS cassettes containing 26 half-hour programs. The series covers every geologic concept covered in earth science classes. Tapes will be available for NESEN members to borrow starting in the 1995-1996 school year. Videos will be available for your classroom use for a two-week period. Return mailing will be the only cost for educators. We will develop a brochure describing the contents and terminology used on each video. The brochure will be included in our summer newsletter.

#### **GEOLOGICAL SOCIETY OF AMERICA MEETING**

The state geological survey/K-12 educators Geo-share event proved informative for attending geoscientists and educators. Educational material available from each attending state survey was displayed. We are proud that the Conservation and Survey Division, through the development and support of NESEN, has taken a leading role among state surveys.

An afternoon forum focused on K-12 Earth Science Education: *The Challenges, Opportunities, and Benefits for the Geoscience Community*. Panelists from around the Midwest expressed their viewpoints on the partnerships, politics, and projects involving K-16 educators, professional geoscience organizations, and state geological surveys. Audience members provided additional perspectives on the importance of earth science education. Agreement was reached that the breadth and depth offered by the earth sciences makes it the ideal vehicle to assist in improving the delivery of science education to all children. However, much work is needed to facilitate partnerships between teachers, geoscience professionals, and teacher preparation faculty.

## NESEN AT NATS 1995 FALL CONFERENCE

NESEN will once again participate in the Nebraska Association of Teachers of Science (NATS) Conference. The NATS fall conference is scheduled for October 26-28, 1995, at Camp Calvin Crest, near Fremont, Nebraska. NESEN will conduct a workshop, share-a-thon, and session on Nebraska Rivers. The Conservation and Survey Division will provide a display featuring material available from the Division, the Earth Science Information Center (ESIC) and the U.S. Geological Survey.

## NESEN SERVER

The NESEN Server is a Silicon Graphics Indy. The server will house the NESEN homepage and permit the creation of additional homepages as needed by NESEN. The homepage will contain NESEN's history, goals, and links to other earth science-related educational materials and information. Members of NESEN will have access to e-mail services and K-12 related newsgroups. The server will be ready during the summer of 1995. The address will be <http://nesen.unl.edu/nesen.html>. All NESEN members will have the opportunity to have an account on the new server. If you are interested in an account, contact Julie Dial, NESEN Coordinator, Conservation and Survey Division, 113 Nebraska Hall, University of Nebraska-Lincoln, Lincoln, NE 68588-0517, Phone 402-472-0773, FAX 402-472-2410, e-mail [dial@unlinfo.unl.edu](mailto:dial@unlinfo.unl.edu). Upon receipt of your request, your account, as well as the necessary information to access the server, will be sent to you.

## ENCLOSED ACTIVITIES

Enclosed (for teachers) you will find lab activities developed by NESEN members. These activities were written by teachers who attended the first workshops sponsored by NESEN and CSD (summer 1994). The material was primarily developed by secondary teachers; therefore, the primary audience for these activities are secondary students. Feel free to use and/or copy these activities as needed.

## SELECTED CSD PUBLICATIONS OF INTEREST TO EARTH SCIENCE TEACHERS

To order, call CSD Map/Publication Sales at 402-472-7523.

- RR-12 **Flat Water: A History of Nebraska and Its Water**: Kuzelka, R.D., project manager, & Flowerday, C.A., editor (1993) - \$20.00
- RA-4 **Groundwater Atlas of Nebraska**: Kuzelka, R.D. & Pederson, D.T., project leaders (1986) - \$3.50
- RA-5a **An Atlas of the Sand Hills**: Bleed, A.S., & Flowerday, C.A., editors (1990) - \$15.00
- EC-1 **Record in Rock--A Handbook of Invertebrate Fossils of Nebraska**: Pabian, R.K. (1970) - \$4.00
- EC-2 **Minerals & Gemstones of Nebraska--A Handbook for Students & Collectors**: Pabian, R.K. (1971) - \$4.00
- EC-4a **Earthquakes in Nebraska**: Burchett, R.R. (1990) - \$4.50
- EC-10 **Geology, Geologic Time and Nebraska**: Carlson, M.P. (1993) - \$5.50

*Newsletter was written by Julie Dial, NESEN Coordinator; Duane Mohlman, Data Systems Coordinator and NESEN Steering Committee Member; and Dave Gosselin, Research Hydrogeologist/Geochemist and NESEN Project Manager, CSD, UNL.*