

**Coastal research is your specialty, but are you keeping current with the other earth sciences?**

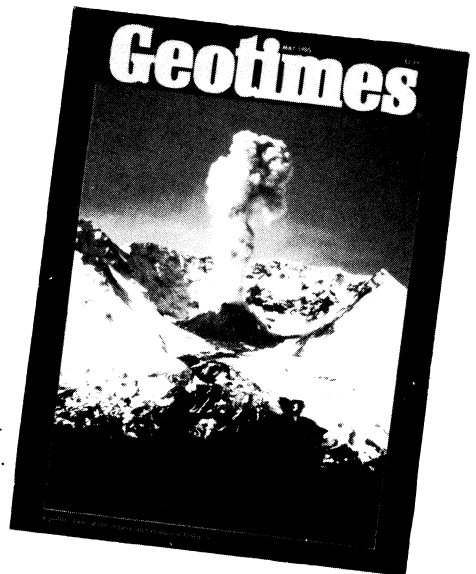
# Geotimes

**keeps you up-to-date**

What happened to the dinosaurs at the end of the Cretaceous? Did the Moon form as a result of an impact on the still-molten Earth? What can we learn from drilling 15 km into the continental shelf?

Those are just a few of the topics discussed in recent issues of *Geotimes*, the monthly magazine for all earth scientists. *Geotimes* is an 'easy read', unlike your scholarly journals, perhaps, which you may set aside until you have more time. In *Geotimes*, you get short, concise, well-edited reports that cover the highlights of major meetings. News notes include a summary of geologic events that have occurred all over the world. Brief annotations of new books and maps ensure that you won't miss an important publication in your field. Letters to the editor provide a forum for a lively exchange of ideas. And if you're thinking about a job change, or looking for someone to fill a position, the classified-ad section lists more than you'll find anywhere else.

So, if you're not already reading *Geotimes*, just fill in the coupon and drop it in the mail (or phone toll-free 800/336-4764), and your first issue will reach you within a few weeks. You can enclose a check or charge it to your credit card, or we'll bill you later (but if you enclose payment, you'll receive an extra issue free—that's 13 issues for the price of 12).



#### GEOTIMES

American Geological Institute, Dept. CR  
4220 King St.  
Alexandria, Va., 22302

Please enter a  one-year (\$16),  two-year (\$30)  
subscription to **GEOTIMES** in the name of

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Payment is enclosed  Please bill the name above

Please charge my \_\_\_\_\_ Visa, \_\_\_\_\_ MasterCard,

American Express

My card number is \_\_\_\_\_

It expires on \_\_\_\_\_

Signed \_\_\_\_\_

(Important: this order cannot be processed without your signature.)

# Episodes

INTERNATIONAL GEOSCIENCE NEWSMAGAZINE



EPISODES is the leading international newsmagazine for the geosciences. Its coverage is global both in terms of source and subject matter.

EPISODES contains state-of-the-art reviews and summaries of science at the "cutting edge". Feature articles — contributed by geoscientists from all parts of the world — deal with topics of current interest and reflect a wide variety of specializations.

Every issue of EPISODES includes a series of reports on conferences and meetings. A comprehensive schedule of coming events of regional and international importance is provided in each issue. With these features, EPISODES becomes an effective information source and planning guide for active scientists.

EPISODES is the official quarterly of the International Union of Geological Sciences (IUGS).

Please enter my subscription to EPISODES starting: \_\_\_\_\_

Enclosed is my cheque or money order for \$15 (US) \_\_\_\_\_ \$20 (CDN) \_\_\_\_\_

VISA \_\_\_\_\_ or MASTERCARD \_\_\_\_\_ NO. | | | | | | | | | | | | | | | | | | | | | |

Expiry date \_\_\_\_\_ Signature \_\_\_\_\_

Cheques must be drawn on a Canadian or US bank and made payable to: EPISODES

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Return to:  
Episodes  
Room 177  
601 Booth Street  
Ottawa, Ontario  
Canada K1A 0E8

**THE COASTAL EDUCATION AND RESEARCH FOUNDATION**

1312 East Las Olas Boulevard  
Post Office Box 2473, Colee Station  
Fort Lauderdale, Florida 33303, USA

The Coastal Education and Research Foundation (*CERF*) is a nonprofit corporation dedicated to the advancement of the coastal sciences. The Foundation is devoted to the multi-disciplinary study of the complex problems of the coastal zone. The purpose of *CERF* is to help translate and interpret coastal issues for the public and to assist professional research and public information programs. The Foundation specifically supports and encourages field and laboratory studies on a local, national, and international basis. Through the medium of scientific publications, television, and radio *CERF* brings accurate information to the public and coastal specialists on all aspects of coastal issues in an effort to maintain or improve the quality of shoreline resources.

---

**Officers of the Foundation**

Founded in 1983 by:

Charles W. Finkl, Sr., Charles W. Finkl, Jr., Rhodes W. Fairbridge, and Maurice L. Schwartz.

**President & Associate Director**

Charles W. Finkl, Sr.

**Vice President & Executive Director**

Charles W. Finkl, Jr.

**Treasurer**

Barbara J. Girouard

**Secretary**

Pamela A. Matlack

**Trustees**

Per Bruun

Donald R. Coates

Rhodes W. Fairbridge

David W. Fischer

Richard A. FitzGerald

Larry Klingler

Roy R. Lemon

Gregory S. McIntosh

Robert E. Murdoch

Edward J. Petuch

Donna C. Rona

Maurice L. Schwartz

Mr. & Mrs. James K. Sullivan

Ian Watson

Sandra J. Whitaker

Albert A. Will

---

The Coastal Education and Research Foundation (*CERF*) is affiliated with the Department of Geology at Florida Atlantic University in Boca Raton, Florida 33431. This association provides a basis for cooperative investigation of biophysical resources found in open and naturally protected coastal regions, estuaries, large inland bodies of water bounded by shorelines, wetlands, and other coastal environments. Joint investigative efforts by faculty, students, and staff span a wide and diversified range of interrelated topics that are relevant to solutions of today's dynamic problems. It is hoped that these combined attempts to better understand the nature of coastal processes will help forestall what may become contentious issues of tomorrow.

**CERF MEMBERSHIP**

Members are individuals, institutions, and corporations that support the aims of the Foundation through personal and group efforts or by donations. Memberships are available in different categories with privileges.

# Journal of Coastal Research

VOL. 2, NO. 3 (pages 261 - 390)

SUMMER 1986

---

## CONTENTS

---

|  |  |     |
|--|--|-----|
| Editorial.....   | Robert Dolan and Grant Goodell               | v   |
| On the Shoreline Dynamics of Russian East Arctic Seas<br>During the Cenozoic.....                                      | A.P. Puminov and Y.P. Degtyarenko            | 261 |
| Changes Occurring Along a Rapidly Submerging Coastal Area: Louisiana, USA<br>.....                                     | L.M. Salinas, R.D. DeLaune, and W.H. Patrick | 269 |
| Activity of Amphipods in Beach Sediments and Nearshore Environments: Playa Ladeira,<br>N.W. Spain.....                 | Federico Vilas                               | 285 |
| Preliminary Data on the Meroplanktonic Larvar of Polychaeta in the Noumea Lagoon,<br>South-Western New Caledonia ..... | Michel Bhaud                                 | 297 |
| Summer and Winter Hydrography of the U.S. South Atlantic Bight (1973-1979)<br>.....                                    | Thomas D. Mathews and Oleg Pashuk            | 311 |
| Geomorphic Recovery of the Chandeleur Islands, Louisiana, After a Major Hurricane<br>.....                             | Jacob H. Kahn                                | 337 |
| Geomorphic Evolution of a Holocene Beach-Ridge Complex, LeFevre Peninsula, South Australia<br>.....                    | Greg Bowman and Nick Harvey                  | 345 |

---

## Departments

---

|                             |     |                       |     |
|-----------------------------|-----|-----------------------|-----|
| Meeting Reports.....        | 363 | New Citations.....    | 378 |
| News and Announcements..... | 368 | Coastal Calendar..... | 383 |
| Book Reviews.....           | 370 | Necrology.....        | 388 |
| Books Received.....         | 377 |                       |     |

---