

lection of images, tabular data, and other information contained in the program CD-ROM library. Data are available as long-term averages, and in many cases average monthly values as well. At the global scale, for example, one can access average temperature, precipitation and ozone images, ocean plankton, elevation and soils data, wave heights and sea surface temperatures, economic, population, land use, and agricultural data, and numerous others. Regional data include many of the same kinds of information for whole continents, or selected aspects for small areas, such as weather sequence animations, and Landsat multi-spectral scanner (MSS) and Thematic Mapper (TM) images in various bands.

2. Edit—Here are all the features of a basic image display and manipulation system. Images can be displayed and zoomed, and their display palettes manipulated. Point, line, and polygon digitizing is possible, and map features (legend, scale, etc.) can be added. From my perspective, this area contained one of the most disappointing aspects of the program. After doing all the work to create an interesting visual display of information, it can only be saved as a file for display in DOS graphics mode, or as a screen dump to the printer. I found myself wishing I could export these images in JPEG or GIF format, or allowing import into other programs.

3. Analyze—This module provides the basic features of an image processor that you would find in a remote sensing program (histograms, mask, resize, overlay, image algebra, mosaic, etc.). Again, the inability to export processed products outside the program seems a serious limitation.

4. Scenario—Series of slides are connected in a tree structure, allowing one to step through a process in a visually interesting and informative way. For example, there are

slide presentations addressing remote sensing, ice caps, Bangladesh, and several others. These could potentially be quite useful in introductory geography courses, or as part of self-paced student exercises.

In summary, I found *Geoscope* to be an impressive program, considering the constrained operating system for which it was designed. The concept and design of the program are sound and useful in either the educational or home computing environment. I would not have hesitated to recommend it five years ago (had I encountered it then), but today I am reluctant. Certainly, there are a great many older computers worldwide that could put this program to good use. Unfortunately, I suspect that in the current college computing environment it would not be a prudent purchase. The vendor, however, informed me that a Windows version of this innovative system may be available next year. My recommendation is to wait and see if *Geoscope for Windows* becomes a reality, and then give it serious consideration. □

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**NACIS Board Meeting  
 October 2, 1996  
 San Antonio, Texas**

The following members of the Board were present: Officers Keith Rice, Mike Peterson and Craig Remington; Board Members Pat Gilmartin, Jeremy Crampton, Jim Anderson, Cynthia Brewer, Glenn Pawelski, Barbara Buttenfield and Carolyn Weiss; Executive Director Chris Baruth. The meeting began at 3:10 with approval of the Minutes of the April 2, 1996 conference call.

**Election Results**

Chris announced the election of Pat Gilmartin as Vice President, Sona Andrews as Treasurer, and new Board Members Joe Stoll, Kathy Thorne, Valerie Krejcie, and Tom Patterson.

**San Antonio**

The Board expressed their appreciation to Dennis Fitzsimons and his students for the work done on local arrangements. Dennis reviewed the schedule and logistics of events taking place in San Marcos. Chris reported that the necessary mailings and hotel arrangements for the meeting went smoothly and that pre-registra-

tions indicated that attendance would be close to the norm.

**President's Report**

Keith discussed the recommendations of the Dues Subcommittee and will call for a vote to raise dues to \$42.00 annually at the Business Meeting. A general discussion concerning the finances of The Society ensued, concluding with the need to maintain a vigilant watch upon our resources.

**NACIS Web Site**

Mike addressed the limited information available at the site and solicited ideas from The Board for improving and expanding the content. Suggestions included examples of map products, papers presented at the conference, past articles from *Cartographic Perspectives*, and employment opportunities. Mike will canvas the members attending the meeting for further input. He also reviewed a few minor adjustments in the program and thanked Sona for her help in printing this material.

**Treasurer's Report**

Owing to the absence of Ed Hall, the Treasurer's Report turned to a discussion of ways to expand the membership of The Society. It was noted that an increase in dues should not be a substitute for the continued attention this matter deserves.

**Future Meetings**

Suggestions for the 1998 meeting site included Williamsburg, Kansas City, Madison and Fort Collins. These sites will be further investigated and discussed at the Winter Board Meeting.

**Cartographic Perspectives**

The search for Sona's successor remains unfulfilled and as a result *C.P.* will have guest editors for the upcoming year. The manuscript flow to the journal has improved and much of the content for edi-

tions during this period of transition is complete. Jim Anderson will handle the production from Tallahassee. All necessary business being discussed, the meeting was adjourned at 5:20 p.m.

*Submitted,  
Craig Remington  
NACIS Secretary*

**NACIS Business Meeting  
October 3, 1996  
San Antonio, Texas**

Beginning at 1:00 p.m., Keith Rice thanked Dennis Fitzsimons and his students for their efforts as well as Sona Andrews, Chris Baruth and Mike Peterson for their work on the program. Chris spoke of Keith's leadership as President and thanked those leaving the Board for their service. The results of the election were announced and new office holders in attendance were recognized. Keith asked the members for nominations for positions coming open next year. Mike recognized the meeting participants from Austria and welcomed them to Deep in the Heart of Texas. Keith discussed the need to raise the annual dues and received suggestions from the membership concerning the costs and content of *Cartographic Perspectives*.

Following this discussion a motion was offered and seconded to raise the dues to \$42.00 annually effective January 1, 1997. The motion carried, 84 to 1. The Guest Editors for *C.P.* were announced. Keith thanked the conference participants and we adjourned to a walking tour of the Alamo City at 1:33 p.m.

*Submitted,  
Craig Remington  
NACIS Secretary*

**NACIS Board Meeting  
October 4, 1996  
San Antonio, Texas**

The following members of the Board were present: Officers Mike Peterson, Pat Gilmartin, Sona Andrews, and Craig Remington; Past President Keith Rice; Board Members Jim Anderson, Jeremy Crampton, Glenn Pawelski, Cynthia Brewer, Joe Stoll, Kathy Thorne, Valerie Krejcie, Tom Patterson, and Barbara Buttenfield; Executive Director Chris Baruth. The meeting was called to order at 3:35 p.m.

After introductions, Mike asked for comments on the program and some suggestions were offered to facilitate next years meeting. Dick Galbreath from Lexington was introduced and presented a report on hotel accommodations. The Radisson Hotel downtown was the preferred location. Dates are limited to either the first or the last week in October. The Executive Officers will notify the Board of the confirmed dates. The Board reviewed deadlines and responsibilities for the Lexington program and meeting.

Discussion once again turned to site selection of a 1998 meeting site. Kansas City, Williamsburg, Fort Collins, Madison and Chicago were considered for further study. There was some concern that we were behind schedule on this process.

A motion was made to have the Office of the Executive Director generate a membership directory once every two years. Passed.

The Editorial Board for *Cartographic Perspectives* met in order to subdivide the components of the journal in an effort to spread the responsibilities of production. This is necessitated by the guest editorships for the coming year.

A motion was made to set up a winter meeting of the Board in Chicago. Passed. Valerie will investigate accommodations convenient to OiHare.

Pat asked that a more detailed accounting of our expenses be generated by our new Treasurer. Sona agreed and suggested that work on a strategy to recruit more members is key to maintaining the vitality of the Society. After agreement on the success of the San Antonio gathering, the meeting was adjourned at 5:25 p.m.

*Submitted,  
Craig Remington  
NACIS Secretary*

**cartographic events**

May 13-17, 1997

**GPS/GIS '97, "Mapping to Manage"**

Annapolis, MD and Chesapeake Bay

Contact: GPS/GIS '97, 8120 Woodmont Ave., Suite 300, Bethesda, MD 20814. Voice 301-664-8000. Fax 301-657-2468.

June 22-28, 1997

**18th International Cartographic Conference**

Stockholm, Sweden

For more information call: 46 (26) 153 000, or Fax 46 (26) 653 160.

July 20-24, 1997

**URISA 97**

Metro Toronto Convention Centre, Toronto, Canada

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