



President Colvocoresses presenting the mounted PE&RS cover to Convention Director Peter Gibson.



Ben Bova giving the Keynote Address.



Not bright sunlight, but stereo glasses being used at Dr. H. Moellering's presentation on Advanced Data Display during Auto-Carto 9.



VIP Luncheon.



New ASPRS Booth.

1989 Annual Convention Report

Introduction

This year's ASPRS/ACSM Annual Convention, along with Auto-Carto 9, was held 2-7 April in Baltimore, Maryland, with over 5,900 in attendance. With such a large attendance, meetings were held at four different venues: the Baltimore Convention Center was the site of the exhibition, as well as most technical sessions; most ASPRS meetings convened in the Hyatt Regency hotel; ACSM was meeting at the Stouffer Harborplace hotel; and the overflow was at the Sheraton Inner Harbor Hotel.



Baltimore.

All of the meeting sites were within an easy walk of the many Inner Harbor attractions, such as the National Aquarium and Maryland Science Center, as well as the rest of downtown Baltimore.

The week started off with the administrative side of life — the ASPRS Executive Committee meeting on Saturday, 1 April. And, as the officers of the Society were meeting, the transformation of the Convention Center into the world's largest exhibition hall for the surveying and mapping sciences was beginning.

By Sunday noon, while the exhibitors were busily setting-up inside the hall, the registration area was receiving its first attendees, and the ASPRS and ACSM booths were open for business.

At the ASPRS booth, several new books, as well as a new video, made their debuts:



Registration.

- *Historical Development of Photogrammetric Methods and Instruments*, published in cooperation with the International Society for Photogrammetry and Remote Sensing, seems a particularly appropriate publication for this year, as it is the 150th anniversary of the invention of photography. Written by Dr. Teodor J. Blachut and Dr. Rudolf Burkhardt, this 158-page paperback provides a comprehensive overview of the evolution of photogrammetry.
- *Multipurpose Cadastre: Terms and Definitions*, by Ken Dueker and Daniel Kjerne, is a 12-page booklet outlining the concepts behind such words as "computer-aided mapping system," "geographic information system," "cadastral layer," "georeference index," and "data resolution."
- "GIS Today" is the new 30-minute videotape on current topics in GIS, such as the new National Center for Geographic Information and Analysis, local government adoption of GIS, and the minimum requirements to call a system a GIS.

All of these items may be purchased through the ASPRS Store in the back of this issue.

Monday

At the Opening Session on Monday morning, everyone was greeted by Convention Director Peter Gibson. The Keynote Address was given by science fiction writer and editor Ben Bova. In his talk, "Welcome to Moonbase," Mr. Bova acted as a recruiter for jobs on the moon. With slides to show how life will be possible on the moon, Mr. Bova told the audience how science and engineering will allow humans to adapt and thrive there.



Opening Session.



Saturday Executive Committee meeting.

- *Nontopographic Photogrammetry*, 2nd Ed. premiered as the first volume in the Society's new Science and Engineering series. This 445-page hardback book, edited by Dr. Housam Karara, covers the many uses of photogrammetry as applied in fields other than topographic mapping of the Earth's surface.

The technical sessions began on Monday afternoon for both ASPRS/ACSM and Auto-Carto 9: Close-Range Photogrammetry, Preservation of Aerial Photography, AM/FM Automated Mapping-Facilities Management, and Advanced Data Display. And, as people were going to the sessions, they also were picking up the six-volume set of proceedings: volume 1, Photogrammetry, 243 p.; volume 2, Image Data Processing, 171 p.; volume 3, Remote Sensing, 437 p.; volume 4, GIS/LIS, 292 p.; volume 5, Surveying & Cartography, 369 p.; and volume 6, Auto-Carto 9, 879 p. (All volumes are on sale in the ASPRS Store.)

Monday evening, attendees were taken by trolley buses to the Baltimore and Ohio Railroad museum. Housed in an old roundhouse, the museum displays dioramas, artifacts, model trains, and, perhaps most impressively, a collection of about a dozen original locomotives and cars arrayed like the spokes of a wheel around the roundhouse. The crowd enjoyed music and good food while touring the exhibits and climbing over the engines.



America, one of the locomotives at the B&O Railroad museum.

Tuesday

The Exhibition Hall was opened with a ribbon-cutting ceremony Tuesday morning at 10 am, allowing everyone in to see the latest equipment and software in the field. Over 300 exhibitors were on hand nearly filling the hall and making the show about 33% larger than when it was held in Baltimore two years ago. Exhibitors and attendees were both happy with the show.



Ribbon-cutting ceremony, Tuesday morning.

The day's technical sessions included: Transportation Surveys, Geographic Information Systems, Knowledge Based Expert Systems, Digital Imaging Systems, Cartography and Artificial Intelligence, Acid Deposition, and Data Structures and Post-Processing for Digital Terrain.



An exhibitor's demonstration.

Of special interest on Tuesday were the ASPRS Memorial Lectures. This year, Marshall S. Wright, Sr., and W. Sidney Park were honored. Many ASPRS members, friends, and family attended. Marshall S. Wright, Jr. spoke about his father, outlining his career and detailing his participation in the Society, which included being a founding member, past president, and honorary member of this Society. William Tayman did the same for W. Sidney Park, who was also a past president, as well as founding and honorary member. After the presentations, everyone enjoyed a tea and crumpets reception. The talks are given in full elsewhere in this issue.

In the afternoon, a reception was held in honor of the publication of *Nontopographic Photogrammetry*, 2nd Edition. Although Editor-In-Chief Sam Karara was unable to attend, about ten of the authors were there. Each was presented with a copy of *Nontopographic Photogrammetry*, along with a bookplate signed by Sam Karara.

Executive
Director
Bill
French
and
his wife
Mena.



Immediately following the *Nontopographic Photogrammetry* reception, the ASPRS Awards reception was held. Award recipients mingled and chatted over canapes and punch. The reception also provided an opportunity for them to pose for photos with their awards, many of which you will see in the special Awards Section of this issue.

Wednesday

The ASPRS Business and Awards meeting took place first thing in the morning. The recipients were formally presented their awards. The Society inducted two new Honorary Members — Chester E. Kowalczyk and Harry E. Tubis. The business meeting featured the installation of new officers, as Roger Hoffer became President, Marilyn O'Cuilinn moved up to President-Elect, Vince Salomonson became Vice President, and Alden Colvocoresses is now the Past President. Full details on all the awards, honorary members, and the induction of officers is reported on pages 991-1012.

Among the day's technical sessions were: Plant Sciences, Geology and Engineering, New Developments in Sensor System Components and Technologies, Geographic Information Systems-III: Applications, Charting the Coast and Coastal Waters, GIS Design: Examining the Alternatives, Three-Dimensional GIS, Data Structures and Spatial Query Techniques, and Structuring Large Spatial Databases.

The biggest social event of the week, the Roaring '20s Banquet, was held Wednesday evening in the Stouffer Harborplace hotel. Flappers bestowed beads and garters on everyone as they came through the door. Entertainment was provided by two bands — the Buck Creek Jazz Band and Heat and the Cold Sweat Horns.



Roaring '20s Buck Creek Jazz band.

Thursday

Our Board of Directors began their day bright and early at 7:30 am to get business started. Then, about 9:30 am, they boarded buses for the Washington area to tour the two proposed new headquarters sites. The Board reconvened about 3 pm, and continued their business until it was finished at about 11:45 that night. It was probably the longest day any ASPRS Board has ever put in. A summary of the Board actions appears on pages 1055-56.

A new event was held on Thursday, an ASPRS/ACSM Luncheon. The luncheon speaker was Thomas Milton, a Senior



Joint Past Presidents' Breakfast.

Fellow of the Socio-Economic Research Institute of America. About 80 people heard his talk "Trend Forecast 1990s: What to Expect and How to Profit."

Meanwhile, the normal slate of technical sessions ran throughout the day: Photogrammetric Systems I, Environmental Management, Spatial Processing/Applications, Thermal Infrared: History and Applications, Photogrammetric Control Extensions, Optics and Calibration, GIS/LIS Geodetic Control, Object-Oriented Approaches to GIS, and Global Databases.

Friday

The final day was very quiet. The exhibitors had spent most of the previous evening (and some the night) packing up, and by mid-day, the hall was fairly empty. The final sessions generated enough interest to still bring in people for the last day. The sessions included: ETL—GIS in the Military, Land Information Systems, GIS Performance, Displays for Spatial Data, and AM/FM and GIS. By late afternoon, the Convention Center had once again been transformed into an empty shell.

Conclusion

There is no way that everything that happened during the week can be put in this short summary article, but if you look through this issue, you will get a very good idea about what is going on in ASPRS. All of the Divisions, and many of the Committees of the Society met during the week. If you have a special interest in a particular Division or Committee, you should look



Presidents' Reception receiving line.

for their individual reports elsewhere in this issue.

Speaking of the Divisions, it is notable that the new ASPRS GIS Division met for the first time. Their Wednesday afternoon meeting had a good turnout, and it looks like they're off to a great start.

I also managed to attend part of the Remote Sensing Applications Division meeting, and it was the best I've ever attended. From everyone I talked to, it seems as though the Divisions have been re-energized, and much more activity can be expected from them in the future.

In closing, it must be said that such a meeting is only possible through the hard work of many people. Special thanks go to **Peter Gibson**, Convention Director, **William Maynard**, Assistant Director, **Mary Clawson**, Advisor, and the rest of their committee: **Eric Anderson**, **Brian Baldwin**, **William Bishop**, **Maury Brumm**, **James Bunting**, **Tom Collins**, **J. Ronald Eastman**, **Bill Hezlep**, **Phillip Mobley**, **Tony Ragazzo**, **K. Stuart Shea**, **Sherrill Snellgrove**, and **Grace Sollers**. It couldn't have been done without all of them.

— Don Hemenway