

map librarian bulletin board

Earth Data and New Weapons

J. L. Larson, and G. A. Pelletiere. National Defense University, Washington, DC 1989, 145 pp. Availability: Superintendent of Documents, GPO, Washington, DC 20402. PC \$2.75. Microfiche furnished to DTIC and NTIS users. AD-A229 584/8/WNR. Price code: MF A01.

Many modern weapons require detailed information about the earth to guide them to target. This 'earth data' is also necessary for training those who will man the weapons. The authors believe inadequate data now mars the early, critical stages of weapons development and acquisition. In this study, they catalog a history of bureaucratic omissions, contradictions, and funding disputes that have hampered earth data programs. They recommended system improvements under the general aegis of the Department of Defense, with the Defense Mapping Agency taking a leading role. They suggest specific ways to clarify existing regulations, standardize earth data products, identify earth data requirements early in the weapons acquisition process, and adequately fund development. Keywords: Guidance/data bases.

GIS USE IN THE FEDERAL GOVERNMENT

In December 1990, the Federal Interagency Coordinating Committee on Digital Cartography (FICCDC) published an updated *Summary of GIS Use in the Federal Government*. The summary, expanded from the 1988 edition, includes responses from 110 Federal organizations about their use of geographic information systems. Of the 110 organizations responding to the survey, 95 reported that they now use GIS or planned to use GIS next year.

The summary contains informa-

tion about the organization's GIS activities, including primary applications of GIS, GIS policies and guidelines, data categories used in GIS applications, data sources, data dissemination activities, cooperative activities, hardware and software used in GIS activities, and GIS funding and expenditures. For the purposes of the summary, a GIS was defined as a computer hardware and software system designed to collect, manage, analyze, and display spatially referenced data. Automated map and chart production systems were excluded from the summary.

In addition to the survey results, the summary contains a list of individuals who may be contacted for further information about GIS activities in their agencies. To obtain a free copy of the summary request an order form from FGDC Publications, U.S. Geological Survey, 590 National Center, Reston, VA 22092.

FGD Newsletter 1, Spring 1991

CARTOGRAPHY AND GIS CAREER GUIDE

The American Cartographic Association recently released its new Career Guide *Cartography and Geographic Information Systems*. It discusses cartography, GIS, types of maps, making of maps, where cartographers work, etc. To obtain a copy write to the American Congress on Surveying and Mapping, Suite 100, 5410 Grosvenor Lane, Bethesda, MD 20814 or call (301) 493-0200, fax (301) 493-8245. Costs: 1-5 are free; 5+ are \$.75 each.

Wisconsin Mapping Bulletin 17:30, May 1991

Geographic Name Server

Tom Libert of the University of Michigan has implemented a TCP-based geographic name server. The server retrieves a variety of data from a database containing information on US cities. The geographic names database contains state, county, latitude and longitude information. It also contains 1980 census population, (an update based on the 1990 census is likely), elevation, area code, and ZIP code for a large subset of U.S. cities, as well as a small number of foreign cities. Information about other geographic features such as counties, states, rivers and lakes are also available. For more information, contact the author by email at libert@eecs.umich.edu; phone (313) 662-6520.

Top 10 Maps

OCLC provides its members with the world's largest bibliographic database. This database grows by some two million records a year, totalling since its inception in 1971 to over 23 million records in eight formats and some 375 million location listings for those records. Most bibliographic records in the database are held by several or many libraries. The ten top map titles, according to OCLC's location holdings data, are ranked as follows:

1. Magnetic anomaly map of North America
2. Southern Lebanon border area
3. Potential natural vegetation of the conterminous United States
4. Iraq
5. Distribution of religions
6. Middle East area oil fields and facilities
7. North Korea
8. Gravity anomaly map of North America

9. Seismicity map of North America, 1988
 10. Central America and the Caribbean.
OCLC Newsletter, March/April 1991

A New Canadian Product

The National Atlas of Canada, 5th Edition is now available in a format which will be of great benefit to all educational institutions. Each map is available in fiche size transparencies suitable for overhead projection. Available in English and French. The set of 70 maps is contained in a binder with fiche in English and French. The set of 70 maps is contained in a binder with fiche holders allowing for an additional 45 maps. The set may be purchased for \$560 or individual titles may be purchased at \$8.00 each. For further information contact William F. Marsh Enterprises, P.O. Box 13291, Kanata, Ontario K2K 1X4.

Contours No. 2, June 1991

cartographic events

EVENTS CALENDAR

1991

October 1-4: **1991 Seybold Computer Publishing Conference + Exposition**, The Evolving Process of Communication, San Jose Convention Center, San Jose, CA. Contact: Seybold Seminars, c/o CompuSystems, PO Box 6430, Broadview, IL 60153-6430.

October 20-23: **North American Cartographic Information Society**, Eleventh Annual Meeting, Milwaukee, WI. Contact: Sona Andrews, Department of Geography, University of Wisconsin — Milwaukee, Milwaukee, WI 53201; (414) 229-4872.

October 22-25: **Visualization '91**, Visual Strategies for Knowledge, Marriott Mission Valley, San Diego, CA. Sponsored by IEEE Computer Society—Technical Committee on Computer Graphics. Contact: GIS IEEE Computer Society Conference Department, (202) 371-1013; Fax (202) 728-0884.

October 23-26: **1991 Annual Meeting of the National Council for Geographic Education**, "This Land is Our Land," Radisson St. Paul, St. Paul, MN. Contact: Constance McCardle, (412) 357-6290.

October 24-27: **GIS Higher Education Symposium**, University of South Florida, Tampa, FL. Contact: Robert Aangeenbrug, Department of Geography, SOC 107, University of South Florida, Tampa, FL 33620-8100.

October 27-30: **GIS/LIS 1991 Annual Conference and Exposition and ACSM/ASPRS Fall Convention**, Atlanta, GA. Contact: ACSM, 5410 Grosvenor Lane, Bethesda, MD 20814, (301) 493-0200; fax: (301) 493-8245.

November 14-15: **Geomatics III — A Present Bursting with Activities**, Montreal, Canada. Contact: Francois Dutil; (514) 342-9581.

December 1-4: **Geographic Information Systems (GIS) in Public Utilities Specialty Conference**, Hyatt Orlando Hotel and Convention Center in Orlando, Orlando, FL. Contact: WPCF Conference Department, (703) 684-2400.

1992

January 4-11: **Second International Geography Congress of the Americas**, Cusco, Peru. Contact: Sociedad Geografica de Lima, Apartodao 100-1176, Lima 100 Peru; Fax: 51-14-456399.

February 9-14: **GIS '92, 6th Annual Symposium**, Working Smarter, Geographic Information Systems in Forestry, Environment and Natural Resources Management, Vancouver, British Columbia, Canada. Contact: GIS '92 Symposium Office, 720-845 Cambie Street, Vancouver, British Columbia, Canada V6B 4Z9, (604) 688-0188; Fax (604) 688-1573.

March 22-28: **ACSM/ASPRS Annual Convention**, Albuquerque, NM. Contact: ACSM, 5410 Grosvenor Lane, Bethesda, MD 20814, (301) 493-0200.

Summer: **Fifth International Symposium on Spatial Data Handling**, USA. Contact: Prof. Duane F. Marble, Department of Geography, The Ohio State University, Columbus, OH 43210, (614) 292-2250, telex: (650) 218-4975 MCI.

August 2-14: **17th International Society for Photogrammetry and Remote Sensing Congress**, Washington, DC. Contact: 17th ISPRS Congress Secretariat, Box 7147, Reston, VA 22091.

August 9-16: **27th International Geographical Congress**, Washington, DC. Contact: Anthony de Sousa, 27th IGC, 17th and M Sts. N.W., Washington, DC 20036, (202) 828-6688.

October: **North American Cartographic Information Society**, Twelfth Annual Meeting, Minneapolis, MN.

November 6-12: **GIS/LIS 1992 Annual Conference and Exposition and ACSM/ASPRS Fall Convention**, San Jose, CA. Contact: ACSM, 5410 Grosvenor Lane, Bethesda, MD 20814, (301) 493-0200.