

PHOTOGRAMMETRIC ENGINEERING and REMOTE SENSING

Volume XLIV

February 1978

Number 2

COVER PHOTO — LANDSAT image showing the southern end of Great Salt Lake and Salt Lake City, Utah. Further south is Provo at the edge of Utah Lake, where a spiral bloom of algae can be seen. This contrast-stretched band 7 image was submitted by the Bendix Aerospace Systems Division of Ann Arbor, Michigan.

TECHNICAL ARTICLES

- The Next Decade of Satellite Remote Sensing
Frederick J. Doyle155
- GEOSAT: Geological Industry Recommendations
on Remote Sensing from Space
Frederick B. Henderson III and Ronald J. Ondrejka165
- A Role for Private Enterprise in Remote Sensing from Space?
Paul M. Maughan171
- A Development Assistance Program in Remote Sensing
Merrill Conitz177
- Legal Implications of Remote Sensing
Ronald F. Stowe183
- Automatic Reseau Measurement with a Simple Optical Correlator
J. O. Abshier193

(Continued on page 117)

Second-class postage paid at Falls Church, Virginia and at additional mailing offices.

Published monthly by the American Society of Photogrammetry, 105 N. Virginia Ave., Falls Church Virginia 22046. Publication Office—Everybody's Press, Hanover, Pa. 17331. (Also see Notice on second following page.)

Copyright 1978 by the American Society of Photogrammetry. Reproduction of this issue or any part thereof (except short quotations for use in the preparation of technical and scientific papers) may be made only after obtaining the specific approval of the Editor.

The Society is not responsible for any statements made or opinions expressed in the technical papers, advertisements, or other portions of this Publication.

MEMBERSHIP RATES: Membership in the American Society of Photogrammetry is open to any person actively engaged in the practice of Photogrammetry, Photo-interpretation and Remote Sensing, or who by means of education or profession is interested in the application or development of these arts and sciences. The annual dues for Regular members are \$20.00 which includes a \$10.00 member subscription to the Society's official journal, "Photogrammetric Engineering and Remote Sensing." The annual dues for accredited student members are \$7.00 which includes a \$5.00 student subscription to the official journal.

SUBSCRIPTION RATES: Persons or organizations that are not affiliated with the Society may obtain non-member subscriptions to Photogrammetric Engineering and Remote Sensing in accordance with the following schedule:

Non-member subscription . . . \$25.00 per year (calendar)

Student*non-member subscription . . . \$10.00 per year (calendar)

(*Students must submit evidence of enrollment)

Printed in the United States of America.

(Continued from page 115)

Photogrammetric Monitoring of a Gabion Wall S. A. Veress, D.Sc., and Lo-jung Lionel Sun	205
--	-----

NEWSLETTER.....	219
PROFESSIONAL PLACEMENT	217
ENGINEERING REPORTS	212
1978 ACSM-ASP ANNUAL CONVENTION	170
INTERNATIONAL SYMPOSIUM ON INTERACTION OF MARINE GEODESY AND OCEAN DYNAMICS.....	175
THE 5TH CANADIAN SYMPOSIUM ON REMOTE SENSING	176
THE PHOTOGRAMMETRIC SOCIETY	188
FORUM, PROPOSED PARAMETERS FOR AN OPERATIONAL LANDSAT.....	189
FORTHCOMING ARTICLES.....	192
BOOK REVIEW, <i>Skylab, Classroom in Space</i>	203
BOOK REVIEW, <i>Pattern Recognition Principles</i>	203
BOOK REVIEW, <i>Innovations in Land Use Management</i>	204

SOCIETY AFFAIRS

Officers of the Society.....	119
List of Sustaining Members	123
Membership Application	201
New Sustaining Member, <i>Geosurvey International</i>	202
New Sustaining Member, <i>MacDonald, Dettler & Associates Ltd</i>	202

JOURNAL ADMINISTRATION

Index to Advertisers	121
What <i>Photogrammetric Engineering and Remote Sensing</i> is	121
Cover Photos Needed	164
Notice to Contributors	182
Journal Staff	182

NOTICE: Correspondence relating to all business and editorial matters pertaining to this and other Society publications should be directed to the American Society of Photogrammetry, 105 Virginia Ave., Falls Church; Virginia 22046, including inquiries, memberships, subscriptions, changes in address, manuscripts for publication, advertising, back issues, and the MANUALS OF PHOTOGRAMMETRY, REMOTE SENSING, and COLOR AERIAL PHOTOGRAPHY. The telephone number of the Society Headquarters is (703)-534-6617.
