

PHOTOGRAMMETRIC ENGINEERING and REMOTE SENSING

Volume XLII

May 1976

Number 5

COVER PHOTO—Vertical view of Santa Barbara harbor shortly after a winter storm with huge waves pounding the sand breakwater. Taken with a Wild RC-8 camera at an altitude of 1,600 feet on 19 January 1973 by Pacific Western Aerial Surveys of Santa Barbara, California.

TECHNICAL ARTICLES

- Orthophotography in Architectural Photogrammetry
E. Seeger625
- A Non-Metric Close-Range Photogrammetric System for Mapping
Geologic Structures in Mines
*V. D. Brandow, H. M. Karara, H. H. Damberger, and H. F.
Krausse*637
- Scanning Electron Micrography and Photogrammetry
Dr. Sanjib K. Ghosh and Dr. Hebbur Nagaraja649
- Least Squares Collocation in Photogrammetry
Kunwar K. Rampal659
- Land-Use Map Accuracy Criteria
R. Michael Hord and William Brooner671
- Detection of Saline Soils with Skylab Multispectral Scanner Data
*A. J. Richardson, A. H. Gerbermann, H. W. Gausman, and J. A.
Cuellar*679
- Utilization of Satellite Data for Inventorying Prairie Ponds and Lakes
Edgar A. Work, Jr., and David S. Gilmer685
- Correlation between Multispectral Photography and Near Surface
Turbidities
D. L. Wertz, W. T. Meador, M. L. Steele, and J. W. Pinson695

(Continued on page 589)

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—Everybodys Press, Hanover, Pa. 17331. (Also see Notice on second following page.)

Copyright 1976 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.

Subscription Rates—Members, \$15 (annual dues); non-members \$20 per year, postage paid. The price for current issues, beginning with January 1967, is \$1.75 per copy (\$1.85 foreign). For back issues prior to 1967, prices may be obtained from the Society headquarters.

Printed in the United States of America

(Continued from page 587)

NEWSLETTER	707
PROFESSIONAL PLACEMENT.....	705
ENGINEERING REPORTS.....	701
ARTICLES FOR NEXT MONTH.....	684
ACSM-ASP FALL CONVENTION.....	636
CALL FOR PAPERS, 1976 ACSM-ASP FALL MEETING.....	658
XIII INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY.....	670
2ND ANNUAL WILLIAM T. PECORA MEMORIAL SYMPOSIUM.....	670

SOCIETY AFFAIRS

Officers of the Society.....	591
List of Sustaining Members.....	595
Symposium Proceedings Available.....	648
MANUAL OF REMOTE SENSING.....	669
ASP Needs Old Magazines.....	677
ASP Voluntary Certification Program.....	678
Manuals of PHOTOGRAMMETRY and COLOR AERIAL PHOTOGRAPHY.....	694
Membership Certificate.....	712
Membership Application.....	712

JOURNAL ADMINISTRATION

Index to Advertisers.....	593
What <i>Photogrammetric Engineering and Remote Sensing</i> is.....	593
Advertise your Products and Services.....	620
Notice to Contributors.....	657
Journal Staff.....	657

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, and COLOR AERIAL PHOTOGRAPHY*. The telephone number of the Society Headquarters is (703)-534-6617.
