

PHOTOGRAMMETRIC ENGINEERING and REMOTE SENSING

Volume XLVI

October 1980

Number 10

COVER PHOTO — This color-IR oblique of the NASA Kennedy Space Center was made in the fall of 1979. The 525-foot high Vertical Assembly Building (VAB) is in the photo center. On the left is the 15,000-foot Orbiter Landing Facility. In the upper right is Launch Complex No. 39, the origin of the Apollo, Skylab, and ASTP flights. The wide double lanes running between VAB and No. 39 is not a divided highway, but the right and left tracks for the Mobile Launching Structures. Two Crawler/Transports, a Mobile unit, and a Launching Structure may be seen north of the VAB. Taken on Aerochrome IR 2443 film, f5.6 at 1/300th second, with a Zeiss RMK 15/23 camera at 5,500 feet. Submitted by Jon S. Beazley of the Florida Department of Transportation, Tallahassee.

TECHNICAL ARTICLES

- Applications of Statistics to Thematic Mapping
George H. Rosenfield and Mary Lou Melley.....1287
- Errors Incurred in Estimating an Area of Uniform Land Cover
Using Landsat
P. F. Crapper1295
- Mapping the Galilean Satellites of Jupiter with Voyager Data
*R. M. Batson, P. M. Bridges, J. L. Inge, Christopher Isbell,
Harold Masursky, M. E. Strobell, and R. L. Tyner*1303
- Landsat Detection of Oil from Natural Seeps
Morris Deutsch and John E. Estes1313
- The United States Supreme Court Decision in the Case of the
National Society of Professional Engineers
A. O. Quinn, P.E......1323

(Continued on page 1245)

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

Photogrammetric Engineering and Remote Sensing (ISSN 0099-1112) is 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 1980 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 \$25.00 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 \$10.00 which includes a \$7.00 student subscription to the official journal. (All memberships are on a calendar year basis.)

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 . . . \$30.00 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 1243)

Reconstruction of Multispatial, Multispectral Image Data Using Spatial Frequency Content <i>R. A. Schowengerdt</i>	1325
Problem-Solving with Remote Sensing <i>Warren R. Philipson</i>	1335
Using 70-mm Aerial Photography to Identify Rangeland Sites <i>J. H. Everitt, A. H. Gerbermann, M. A. Alaniz and R. L. Bowen</i> ..	1339
NEWSLETTER.....	1363
PROFESSIONAL PLACEMENT	1359
ENGINEERING REPORTS	1352
1981 ASP-ACSM ANNUAL CONVENTION	1302
FORTHCOMING ARTICLES.....	1312
WORKSHOP, ADVANCED GEOLOGICAL REMOTE SENSING TECHNIQUES.....	1322
34TH ANNUAL CONFERENCE AND EXHIBIT, SPSE.....	1324
PUBLICATION AVAILABLE.....	1334
CALL FOR PAPERS, 15TH INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT.....	1338
SOCIETY AFFAIRS	
Officers of the Society.....	1247
List of Sustaining Members	1251
Fourth Edition, <i>Manual of Photogrammetry</i>	1349
<i>Handbook of Non-Topographic Photogrammetry</i>	1350
Proceedings, Thermosense I and II	1350
New Sustaining Member, <i>CLIRSEN</i>	1351
New Sustaining Member, <i>Environmental Research Institute of Michigan</i>	1351
ASP Manual Prices.....	1361
ASP Publications	1362
Complete Index to Photogrammetric Engineering and Remote Sensing	1368
JOURNAL AFFAIRS	
Index to Advertisers	1249
What <i>Photogrammetric Engineering and Remote Sensing</i> is	1249
Notice to Contributors	1348
Journal Staff	1348

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