

PHOTOGRAMMETRIC ENGINEERING and REMOTE SENSING

Volume XLIX

November 1983

Number 11

COVER PHOTO — The XV International Congress of Photogrammetry and Remote Sensing will be held in Rio de Janeiro, Brazil, 17-29 June 1984. This view shows the Museum of Modern Art in the foreground and looks across the Marina da Gloria and Guanabara Bay at Sugar Loaf Mountain. Further details will be published in the December journal. Photo courtesy of MANCHETE Magazine.

Photogrammetric Monitoring of Turtle Mountain: A Feasibility Study <i>C. S. Fraser</i>	1551
Deformation Measurements of Power Dams with Aerial Photogrammetry <i>A. J. Brandenberger, S. K. Ghosh, and Mohamed Bougouss</i>	1561
A Layman's Analytical Plotter: The SDP System <i>K. Jeyapalan</i>	1569
Loran-C Navigation as an Aid to Aerial Photographic Operations <i>Charles W. Dull and William H. Clerke</i>	1577
A Comparison of SAR Brightness Levels and Urban Land-Cover Classes <i>Floyd M. Henderson</i>	1585
Detection of Subsurface Soil Moisture by Thermal Sensing: Results of Laboratory, Close-Range, and Aerial Studies <i>J. Vlcek and D. King</i>	1593

(Continued on page 1507)

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, 210 Little Falls Street, Falls Church, Virginia 22046. Publication Office—The Sheridan Press, Hanover, Pa. 17331. (Also see Notice on second following page.)

Copyright 1983 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, Photointerpretation 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 \$35.00 which includes a \$17.50 member subscription to the Society's official journal, *Photogrammetric Engineering and Remote Sensing*. The annual dues for accredited student members are \$15.00 which includes an \$8.00 student subscription to the official journal. (All memberships are on a calendar year basis.) Add \$5 for all international memberships to cover cost of postage. Postmaster: send address changes to the American Society of Photogrammetry, 210 Little Falls Street, Falls Church, Virginia 22046.

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 . . . \$50.00 per year (calendar)

Add \$5 for international subscriptions.

Printed in the United States of America.

(Continued from page 1505)

NEWSLETTER	1605
PROFESSIONAL PLACEMENT	1603
ENGINEERING REPORTS	1601
CALL FOR PAPERS, INTERNATIONAL CONFERENCE, INVENTORYING FOREST AND OTHER VEGETATION OF THE HIGH LATITUDE AND HIGH ALTITUDE REGIONS	1559
1984 ASP-ACSM ANNUAL CONVENTION	1560
1984 ASP-ACSM FALL CONVENTION	1568
LANDSAT 84	1576
AERIAL PHOTOGRAPHY/AERIAL PHOTO INTERPRETATION WORKSHOP	1584
THE PHOTOGRAMMETRIC SOCIETY, LONDON	1591
CONSOLIDATION PLAN NOT APPROVED	1607
HIGHLIGHTS OF SALT LAKE CITY CONVENTION	1609
ASP-ACSM FUTURE CONVENTIONS	1612
XV INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY AND REMOTE SENSING	1613

SOCIETY AFFAIRS

Officers of the Society	1509
Sustaining Members	1513
<i>Manual of Remote Sensing</i> , Second Edition	1592
ASP 50th Anniversary	1614

JOURNAL AFFAIRS

Permission to Photocopy	1507
Index to Advertisers	1511
What <i>Photogrammetric Engineering and Remote Sensing</i> is	1511
Forthcoming Articles	1584
Instructions to Authors	1598
Journal Staff	1598

Permission to Photocopy

The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per copy fee of \$2.25 through the Copyright Clearance Center, Inc., 21 Congress Street, Salem, MA 01970, for copying beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale.

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, 210 Little Falls Street, Falls Church, VA 22046, including inquiries, memberships, subscriptions, changes in address, manuscripts for publication, advertising, back issues, and the *MANUALS OF PHOTOGRAMMETRY AND REMOTE SENSING*. The telephone number of the Society Headquarters is (703) 534-6617.
