

# PHOTOGRAMMETRIC ENGINEERING and REMOTE SENSING

Volume XLI

April 1975

Number 4

COVER PHOTO — Oblique view of grazing land ten miles west of Canberra, Australia, which had been aerial-fertilized with super phosphate during the previous season. The banding effect due to uneven application is clearly visible, running at right angles to the topography which is oriented across the photo. The property to the left has not been fertilized for at least five years. Also of interest at the 3 o'clock position is the boundary between the native eucalyptus and exotic pine forests. Photo was exposed at f/5.6 for 1/500 second on Kodak Aerochrome MS Film 2448 using a Hasselblad 500 EL/M camera. Taken by the Resources Section of the Forestry and Timber Bureau, Australian Department of Agriculture.

## TECHNICAL ARTICLES

- First ERTS-1 Mosaic of the U. S.  
*Arthur T. Anderson* .....463
- ISP Commission III Symposium  
*James M. Anderson* .....465
- Pattern Recognition of Soils and Crops from Space  
*Ross W. Leamer, Daniel A. Weber, and Craig L. Wiegand* .....471
- ERTS Color Image Maps  
*Robert B. McEwen and James W. Schoonmaker, Jr.* .....479
- Cost of Aerial Photography  
*Joseph J. Ulliman* .....491
- Coastal Zone Classification from Satellite Imagery  
*V. Klemas, D. Bartlett, and R. Rogers* .....499
- Rock Outcrops Beneath Trees  
*Brian J. Myers* .....515
- Processing Corrections for Skylab Photographic Imagery  
*Harold E. Lockwood and Dr. Gerard E. Sauer* .....523
- Aerotriangulation Accuracy  
*Bruce C. Forster* .....533
- Are Three Pointings Necessary?  
*Dr. Michael C. Y. Hou* .....539

(Continued on page 427)

---

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 1975 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 425)

NEWSLETTER .....	545
PROFESSIONAL PLACEMENT .....	543
ENGINEERING REPORTS .....	489
1975 FALL CONVENTION .....	462
ORTHOPHOTO WORKSHOP III .....	478
ISP CONGRESS NEWSLETTER.....	478
ARTICLES FOR NEXT MONTH.....	497
OBITUARY: LEON T. ELIEL .....	498
MEMBERSHIP APPLICATION, THE PHOTOGAMMETRIC SOCIETY, LONDON .....	513
CALL FOR PAPERS, 1975 FALL CONVENTION .....	538
35TH PHOTOGAMMETRIC WEEK .....	542
CALL FOR PAPERS, FIFTH BIENNIAL WORKSHOP .....	532

#### SOCIETY AFFAIRS

Officers of the Society .....	429
List of Sustaining Members .....	433
Proceedings of ASP Meetings.....	464
MANUAL OF REMOTE SENSING .....	470
Manuals of PHOTOGAMMETRY and COLOR AERIAL PHOTOGRAPHY.....	470
Membership Certificate .....	514
Membership Application .....	514

#### JOURNAL ADMINISTRATION

Index to Advertisers.....	431
What <i>Photogrammetric Engineering and Remote Sensing</i> is.....	431
Notice to Contributors .....	469
Journal Staff .....	469
Advertise Your Products.....	447, 521
Advertising Rates .....	522

---

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

---