TO PHOTOGRAMMETRIC ENGINEERING AND REMOTE SENSING

Volume L, 1984



The 1984 Index to *Photogrammetric Engineering and Remote Sensing* follows the format of the 1983 index.

Using Keywords listed in the Engineers Joint Council "Thesaurus of Engineering and Scientific Terms," we have provided the user with a way of identifying articles by subject and/or author.

To find an article, look up the keyword that best describes the contents of the article. Under each subject keyword, the articles are listed alphabetically by title.

If you know any of the authors, look them up in the Name Index.

Your comments on this type of Index for the Journal would be appreciated. The Index was prepared by Mr. Abraham Anson.

SUBJECT INDEX

Acceptance Testing

Evaluation of Analytical Plotters for the Commercial Mapping Firm, Stephen A. Mundy, AP4:Apr 84:457

Accuracy Evaluation

Evaluation of Analytical Plotters for the Commercial Mapping Firm, Stephen A. Mundy, AP4:Apr 84:457

Accuracy Specifications

Map-Accuracy Specifications, Adopted by ASP in 1940 50th Anniversary High-lights, AP2:Feb 84:237

Ada County

The Geodetic Basis for Precise Photogrammetric Densification, John J. Gergen, AP5:May 84:559

Photogrammetric Densification of Control in Ada County, Idaho: Data Processing and Results, James R. Lucas, AP5:May 84:569

Photogrammetric Geodesy Over Large Regions, Soren W. Henriksen, AP5:Mav

Photogrammetric Summary of the Ada County Project, Leslie H. Perry, AP5:May 84:563

Aerial Photographs

The Effect of Residential Structure Variation on Dwelling Unit Enumeration from Aerial Photographs, John F. Watkins, AP11:Nov 84:1599

Aerial Surveys

On Optimal Two-Stage Cluster Sampling for Aerial Surveys with Detection Errors, L. Daniel Maxim and L. Harrington, AP11:Nov 84:1599

Aerosol Levels

The Channel Correlation Method for Estimating Aerosol Levels from Multispectral Scanner Data, J. F. Potter, AP1:Jan 84:43

Airborne Laser Airborne Laser Topographic Mapping Results, W. B. Krabill, J. G. Collins, L. E. Ling, R. N. Swift and M. L. Butler AP6:Jun 84:685

Airborne Laser Profiling

alibrating an Airborne Laser Profiling System, H. Schreier, J. Lougheed, J. R. Gibson and J. Russel, AP11:Nov-84:1591

Improving Crop Classification Through Attention to the Timing of Airborne Radar Acquisitions, B. Brico, F. T. Ulaby and R. Protz, AP6:Jun 84:739

Airborne Spectroradiometer

Water Quality Monitoring Using an Airborne Spectroradiometer, Harlan McKim, Carolyn J. Merry, and Robert W. Layman, AP3:Mar 84:353

Air/Water Interface

Orientation Problem of Two Media Photographs with Curved Boundary Surfaces, Atsushi Okamoto, AP3:Mar 84:303

American Photogrammetry
Placears and Problems of Early American Photogrammetry, Steven L. Richardson, AP4:Apr 84:433

Analytical Plotter

Evaluation of Analytical Plotters for the Commercial Mapping Firm, Stephen A. Mundy, AP4.Apr 84:457

Arctic Expeditions

The Louise A. Boyd Seven Arctic Expeditions, Louise A. Boyd, 50th Anniversary Highlights, AP4:Apr 84:493

(ASP) Activities and Work

Activities and Work of Sustaining Members, AP7:Jul 84:877

(ASP) Aims

Aims of the Society, AP7:Jul 84:869

(ASP) Alan Gordon Memorial Award

The Alan Gordon Memorial Award, AP7: Jul 84:974

(ASP) Autometric Award The Autometric Award, AP7:Jul 84:972

(ASP) Bausch and Lomb Photogrammetric Award

The Bausch and Lomb Photogrammetric Award, AP7:Jul 84:976

(ASP) Birdseye President's Citation

The Claude H. Birdseye President's Citation, AP7 Jul 84:990

(ASP) Board of Direction

Board of Direction Membership, AP7:Jul 84:831

(ASP) Business and Awards Meeting 50th Annual Installation of Officers and Awards Meeting, AP7:Jul 84:965

(ASP) Nominations for Awards
Call for Nominations & Applications for ASP and ISPRS Awards, AP7: Jul 84:992

(ASP) Certification Program

ASP Voluntary Certification Program, AP7:Jul 84:1007 List of Certified Photogrammetrists, AP7:Jul 84:1007

(ASP) Committees of the Society

ommittees of the Society and their Chairmen, AP7.Jul 84:874

(ASP) Constitution and By-Laws Committee

Report, AP7:Jul 84:1046

(ASP) Evaluation for Certification Committee

Report, AP7:Jul 84:101

(ASP) Executive Director's Report

Report by William D. French, AP7 Jul 84:993

(ASP) Fiftieth Anniversary Issue ASP Historical Records AP9:Sep 84:1361

The Development of Analytical Aerotriangulation, G. C. Tewinkel, AP9:Sep.

Development of Automated Photogrammetry by U.S. Military Mapmakers, Charles Roswell and Neil Darling, AP9:Sep 84:1341

Development of Geometric Satellite Triangulation and Field Operations, Lawrence W. Swanson, AP9:Sep 84:1333

From Photographic Interpretation to Remote Sensing, Robert N. Colwell, Ap:Sep 84:1305

Highlights of U.S. Geological Survey Activities in Photogrammetry and Remote Sensing, Rupert B. Southard, AP9:Sep 84:1323

Historical Highlights of Photogrammetry in the U.S.:1904-1984, AP9:Sep. AP:Sep 84:1305

International Society for Photogrammetry VII Congress, Washington, D.C. 1952, L. Ray Smart, AP9:Sep 84:1319

ASP Fiftieth Anniversary Founder's Luncheon, AP9:Sep 84:1371

The Nine-Lens Camera of the Coast and Geodetic Survey, G.C. Tewinkel, AP9:Sep 84:1309

Photogrammetric Pioneers
Talbert (Ted) Abrams AP9:Sep 84:1277
Aero Service Corporation, C. Eric Storms, AP9:Sep 84:1279
Chicago Aerial Survey Company, Robert W. Meiborg, AP9:Sep 84:1283
J. Victor Dallin, Harry Tubis, AP9:Sep 84:1285
George J. DeGarmo, Jr., Harry Tubis, AP9:Sep 84:1287
Park Aerial Surveys, Inc., Frank Riley, AP9:Sep 84:1293
Robinson Aerial Surveys, Inc., W. D. Hall, AP9:Sep 84:1295
The Texas Story, Pliny Gale, AP9:Sep 84:1297
Photo Interpretation and Photogrammetry in World War II, Dino A. Brugioni, AP9:Sep 84:1319

AP9:Sep 84:1313 Professionalism in the American Society of Photogrammetry, A.O. Quinn, AP9:Sep 84:1301

50th Anniversary Scrap Book, Mrs. Hugh B. Loving, AP9:Sep 84:1274

ASP Fiftieth Anniversary Postal Covers

AP9:Sep 84:1381

(ASP) Ford Bartlett Award

escription of Award Including Recipients, AP7:Jul 84:986

(ASP) Foundation

The ASP Foundation, AP7:Jul 84:1004 (ASP) Founders Luncheon

(ASP) Government of the Society

AP7:Jul 84:869

(ASP) Gillard Kargl Memorial Address Ray A. Kelsey, AP7:Jul 84:1019

(ASP) Honorary Membership

The Honorary Membership Award, AP7:Jul 84:967

(ASP) Hugh B. Loving Memorial Award AP7:Jul 84:983

(ASP) Incoming President's Report resident's Inaugural Address, AP7:Jul 84:997

(ASP) Installation of Officers

The Installation of the Society's Officers, AP7:Jul 84:965

(ASP) John W. Pumpelly Fellowship Award in Cartography

(ASP) Mark Hurd Memorial Address AP7:Jul 84:1013

(ASP) Members Emeritus List of Members Emeritus, AP7:Jul 84:991

(ASP) Membership List, 1984

AP6: Jun 84:769

(ASP) Oliver Scott Reading, In Memoriam G. Carper Tewinkel, AP7:Jul 84:1029

(ASP) Outgoing President's Report

Report of the President, AP7:Jul 84:999

(ASP) Photogrammetric Applications Division Report of the PAD, AP7:Jul 84:1039

(ASP) Photogrammetry-1984

(ASP) The Photogrammetric Award (Fairchild)

AP7: Jul 84:968

(ASP) President's Award for Practical Papers

(ASP) Presidential Citations for Meritorius Services

984 Presidential Citation Recipients, AP7:Jul 84:978

(ASP) Primary Data Acquisition Division

Report, AP7:Jul 84:1033

(ASP) Professional Practice Division

Report AP7: Jul 84:104

(ASP) Publications Committee

Report, Jul 84:1044

(ASP) Regional Organization

Regions of the Society and Chapters, AP7 Jul 84 870

(ASP) Region Presidents and Directors Meeting

Report, AP7:Jul 84:1006

(ASP) Region of the Year

Region of the Year Award, AP7 Jul 84:988

(ASP) Remote Sensing Applications Division

Report AP7:Jul 84:1035

(ASP) Scope Scope of the Society Interest, AP7:Jul 84:869

(ASP) Luis Struck Award

AP7: Jul 84:973

(ASP) Sustaining Membership

Activities and Work of Sustaining Members, AP7:Jul 84:877

(ASP) Talbert Abrams Award

The IV Talbert Abrams Award, AP7:Jul 84:970

(ASP) Wild Heerbrugg Photogrammetric Fellowship

Award, AP7:Jul 84:97

(ASP) William A. Fischer Memorial Scholarship

Award, AP7:Jul 84:982

ASP Voluntary Certification

The ASP Voluntary Certification Program, A. O. Quinn, AP12 Dec 84:1693

Automated Design

Automated Design in Minneapolis and Hennepin County, Minnesota, AP12:Dec 84:1747

Automated Labeling

An Approach to Optimized Labeling of Image Classes, Stan Aronoff, AP6:Jun 84:719

Bayesian Maximum Likelihood

An Automated Land-Use Mapping System Comparison of the Bayesian Like-lihood and Linear Discriminant Analysis Algorithms, Craig H. Tom and Lee D. Miller, AP2:Feb 84:193

Benthic Features

Estimating Vegetation Coverage in St. Joseph Bay, Florida with an Airborne Multispectral Scanner, Kenneth J. Savastano, Kenneth H. Faller and Richard L. Iverson, AP8:Aug 84:1159

Biomass

Relationship of Sorghum Canopy Variables to Reflected Infrared Radiation for Two Wavelengths and Two Wavebands, A. H. Gerbermann, J. A. Cuellar and H. W. Gausman, AP2:Feb 84:209

Biostereometrics

The Close-Range Column, Sean Curry, AP3:Mar 84:361

Book Review: Cartographic Drawing with Computers, Pinhas Yoeli, Reviewed by Wayne T. Welton, AP3:Mar 84:327

Cities and Their Environment, Al A. Grigorylev, "Mysl", Reviewed by George A. Rabchevsky, AP3:Mar 84:328

Elements of Photogrammetry, Second Edition, Paul R. Wolf, Reviewed by Jens Otto Rick, AP6: Jun 84:703

Man on Earth: How Civilization and Technology Changed the Face of the World—A Survey from Space, Charles Sheffield, Reviewed by M. Leonard Bryan, AP10:Oct 84;1463

Map Projection Methods, Frederick Pearson III, Reviewed by John P. Snyder, AP10:Oct 84:1464

Map Projections Used by the U.S. Geological Survey, John P. Snyder, Reviewed by Alfred Leick, AP3:Mar 84:329

Remote Sensing in the Geological Sciences, V. Donassy, M. Oluic and Z. Tomasegovic, Published in the Serbian language by the Yugoslav Academy of Sciences and the Arts. Reviewed by George A. Rabchevsky, AP10:Oct

Textbook of Photogrammetry, K. K. Rampal, Reviewed by S. A. Veress, AP5:May 84:575

Transformed Earth: Aerospace Observations, B. Vinogradov, Reviewed by George A. Rabchevsky, AP3:Mar 84:327

Boundary Cells

An Estimate of the Number of Boundary Cells in a Mapped Landscape Coded to Grid Cells, P. F. Crapper, AP10:Oct 84:1497

Bundle Adjustment

A Step-by-Step Strategy for Gross Error Detection, S. F. El-Hamim and H. Zie-mann, AP6:Jun 84:713

Calibration

Calibrating an Airborne Laser Profiling System, H. Schreier, J. Lougheed, J. R. Gibson and J. Russell, AP11:Nov 84:1591

Camera Axis

A Parallel Case of Photogrammetry and its Application in Narrow Transits, Fouad A. Ahmed, AP10:Oct 84:1443

Camera Mount (Small Format)

A Camera Mount and Intervalometer for Small Format Aerial Photography, M. L. Benson, B. J. Myers, I. E. Craig, W. C. L. Gabriel and A. G. Swan AP11: Nov

Cameras

User Guide for the USGS Aerial Camera, Report of Calibration, William P. Tayman, AP5:May 84:577

Channel Correlation

The Channel Correlation Method for Estimating Aerosol Levels from Multispectral Scanner Data, J. F. Potter, AP1 Jan 84:43

Classification System

An Approach to Optimized Labeling of Image Classes, Stan Aronoff, AP6:Jun 84:719

Close-Range Photogrammetry
The Model Construction Problem Using the Collinearity Condition, Atsushi Okamoto, AP6:Jun 84:705

The Quadrustational Close-Range Photogrammetric System, A. H. A El-Beik and R. Babael-Mahani, AP3:Mar 84:319

Coastal Underwater

Orientation Problem of Two-Media Photographs with Curved Boundary Surfaces, Atsushi Okamoto, AP3:Mar 84:303

Collinearity Condition

The Model Construction Using the Collinearity Condition, Atsushi Okamoto, AP6-Jun 84:705

Color Infrared

Detecting Malaleuca Trees and Stands in South Florida, L. G. Arvantis and R. Newburne, AP1 Jan 84:95

Shadowless or Sunlit Photos for Forest Disease Detection? B. J. Myers, M. L. Benson, I. E. Craig, J. F. Wear and P. W. West, AP1:Jan 84:63

Digitized Small Format Aerial Photography as a Toll for Measuring Food Consumption by Trumpeter Swans, Jim Lee and R. W. McKelvey, AP2:Feb

Mapping Effectiveness of Insecticide Treatments against Pandora Moth with Color-IR Photos, W. M. Ciesla, D. D. Bennett and J. A. Caylor, AP1:Jan 84:73

Computed Photo Scale CPS: A Computed Photo Scale, John A. Thorpe, AP11:Nov 84:1565.

Computer

Semi-Automated Procedure for Identifying Landsat MSS Sub-Region Coordinates, Daniel L. Civco, AP5:May 84:597

Computer Digital Analysis

Digitized Small Format Aerial Photography as a Tool for Measuring Food Com-sumption by Trumpeter Swans, Y. Jim Lee and R. W. McKelvey, AP2:Feb

Computer Graphics

hotogrammetric Data Acquisition Using an Interactive Computer Graphics System, M. T. Erez and E. Dorber, AP2:Feb 84:183

Confidence Level

Determining the Confidence Level for a Classification, I. L. Thomas and G. McK. Allcock, AP10:Oct 84:1491

Coordinate Determination

A Parallel Case of Photogrammetry and its Application in Narrow Transits, Fouad A. Ahmed, AP10:Oct 84:1443

Crop Classification

Active Microwave Responses: An Aid in Improved Crop Classification, W. D. Rosenthal and B. J. Blanchard, AP4:Apr 84:461

Improving Crop Classification through Attention to the Timing of Radar Acquisitions, S. B. Brico, F. T. Ulaby and R. Protz, AP6-Jun 84:739

Crop Estimation

Stimulation of Errors in a Landsat Based Crop Estimation System, Daniel B. Ramey and James H. Smith, AP12:Dec 84:1707

Crown Dieback
Shadowless or Sunlit Photos for Forest Disease Detection? B. J. Myers, M. L. Benson, I. E. Craig, J. F. Wear and P. W. West, AP1:Jan 84:63

Irrigated Crop Inventory by Classification of Satellite Image Data, G. E. Moreton and J. A. Richards, AP6:Jun 84:729

Designing a Deer Detection System Using a Multistage Classification Approach, Manmohan M. Trivedi, AP4:Apr 84:481

Density Slicing

Irrigated Crop Inventory by Classification of Satellite Image Data, G. E. Moreton and J. A. Richards, AP6.Jun 84:729

Differential Rectification

Some Theoretical and Practical Aspects of the OR1:SORA-PR System, E. Vozikis, AP5:May 84:585

Digital Classification

Using Landform and Vegetative Factors to Improve the Interpretation of Landsat Imagery, Melvin Satterwhite. William Rice and Jerome Shipman, AP1:Jan 84:83

Digital Contours

Experience with Height Interpolation by Finite Elements, H. Ebner and P. Reiss, AP2:Feb 84:177

Digital Elevation Model

perience with Height Interpolation by Finite Elements, H. Ebner and P. Reiss, AP2:Feb 84:177

Digital Photogrammetric Data

notogrammetric Data Acquisition Using an Interactive Computer Graphics System, M. T. Erez and E. Dorber, AP2-Feb 84:183

Digital Photogrammetric System

PS-A Digital Photogrammetric System for Producing Digital Elevation Models and Orthophotos by Means of Linear Array Scanner Imagery, O. Hofmann, P. Nave, and H. Ebner, AP8-Aug 84:1135

Digital Terrain Models

Digital Terrain Models for Slopes and Curvatures, H. B. Papo and E. Geibman, AP6:Jun 84:695

Dwelling Unit Enumeration

The Effect of Residential Structure Variation on Dwelling Unit Enumeration from Aerial Photographs, John F. Watkins, AP11:Nov 84:1599

Economic Impact

Economic Impact of World-Wide Mapping, A. J. Brandenberger, Fiftieth Anniversary Highlights, AP8 Aug 84:1185

Enlarging 35-mm Aerial Photography

Consequences of Enlarging 35-mm Aerial Photography, Ted D. Nedham and James L. Smith, AP8:Aug 84:1143

Estimation of Acreages

The Identification of Irrigated Crop Types and Estimation of Acreages from Landsat Imagery, Kenneth E. Kolm and H. Lee Case, III, AP10:Oct 84:1479

Landsat-Aided Forest Site Type Mapping, Tuomas Hame, AP8:Aug 84:1175

Foliage Cover

The Side-Looking Airborne Radar Program of the U.S. Geological Survey, C. Scott Southworth, AP10:Oct 84:1467

Classifying Northern Forests Using Thematic Mapper Simulator Data, R. F. Nelson, R. S. Latty and G. Mott, AP5:May 84:607

Forest Disease

Shadowless or Sunlit Photos for Forest Disease Detection? B. J. Myers, M. L. Benson, J. F. Wear and P. W. West, AP1:Jan 84:63

FORUM:

The Census, AP11:Nov 84:1609

More on the Census, AP11:Nov 84:1610

Earth Resources Remote Sensing Platforms, AP11:Nov 84:1609

Fourier Transform

Digital Terrain Models for Slopes and Curvatures, H. B. Papo and E. Gelbman, AP6:Jun 84:695

Geodetic Densification

Photogrammetric Summary of the Ada County Project, Leslie H., Perry, AP5:May 84:563

A Step-by-Step Strategy for Gross-Error Detection, S. F. El-Hakim and H. Zie-mann, AP6-Jun 84:713

Height Interpolation

rience with Height Interpolation by Finite Elements, H. Ebner and F. Reiss, AP2:Feb 84:177

Hennepin County, Minnesota Automated Design in Minneapolis and Hennepin County, Minnesota, Bradford B. Henry, AP12:Dec 84:1747

Image Classes

An Approach to Optimized Labeling of Image Classes, Stan Aronoff, AP6:Jun 84:719

Image Quality

Pointing Precisions on Aerial Photography, J. C. Trinder, AP10:Oct 84:1449

In-Flight Refocusing

n In-Flight Refocusing Method for SPOT HRV Cameras, G. Begni, D. Leger and M. Dinguirard, AP12:Dec 84:1697

Infrared Radiation

Relationship of Sorghum Canopy Variables to Reflected Infrared Radiation for Two Wavelengths and Two Wavebands, A. H. Gerbermann, J. A. Cuellar and H. W. Gausman, AP2:Feb 84:209

Infrared Spectral Data

Active Microwave Responses: An Aid in Improved Crop Classification W. D. Rosenthal and B. J. Blanchard, AP4:Apr 84:461

Intervalometer (Small Format)

A Camera Mount and Intervalometer for Small Format Aerial Photography, M. L. Benson, B. J. Myers, E. E. Craig, W. C. L. Gabriel and A. G. Swan, AP11:Nov 84:1571

Irrigated Crop Types

The Identification of Irrigated Crop Types and Estimation of Acreages from Landsat Imagery, Kenneth E. Kolm and H. Lee Case, III, AP10:Oct 84:1479

Kwun Tong

New Town Monitoring from Sec C. Y. M. Wu, AP8:Aug 84:1145 Monitoring from Sequential Aerial Photographs, C. P. Lo and

Land-cover Units

Using Landform and Vegetative Factors to Improve the Interpretation of Landsat Imagery, Melvin Satterwhie, William Rice and Jerome Shipman, AP1:Jan 84:83

Landsat

Assessing Change in the Surficial Character of a Semiarid Environment with Landsat Residual Images, Thnoas D. Frank, AP4:Apr 84:471

An Estimate of the Number of Boundary Cells in a Mapped Landscape coded to Grid Cells, P. F. Crapper, AP10:Oct 84:1497

Landsat-Aided Forest Site Type Mapping, Tuomas Hame, AP8:Aug 84:1175

Simulation of Errors in a Landsat Based Crop Estimation System, Daniel B. Ramey and James H. Smith, AP12:Dec 84:1707

Landsat Data

Using Landform and Vegetative Factors to improve the Interpretation of Landsat Imagery, Melvin Satterwhite, William Rice and Jerome Shipman, AP1:Jan 84:83

Landsat Imagery

The Identification of Irrigated Crop Types and Estimation of Acreages from Landsat Imagery, Kenneth E. Kolm and H. Lee Case, III, AP10:Oct 84:1479

Landsat Mapping System

An Automated Land-Use Mapping System Comparison of the Bayesian Maximum Likelihood and Linear Discriminant Analysis Algorithms, Graig H. Tom and Lee D. Miller. AP2 Feb 84 193

Irrigated Crop Inventory by Classification of Satellite Image Data, G. E. Moreton and J. A. Richards, AP6:Jun 84:729

A Semi-Automated Procedure for Identifying Landsat MSS Sub-region Coordinates, Daniel L. Civco, AP5:May 84:597

Landsat-4

Landsat-4 Thematic Mapper and Thematic Mapper Simulator Data for a Porphyry Copper Deposit, Michael J. Abrams, AP8:Aug 84:117

Land Use

Land Use and Population: A Linking Model, J. Funso Olorunferni, AP2:Feb 84-221

Large-scale Mapping
The Geodetic Basis for Precise Photogrammetric Densification, John F. Gergen, AP5:May 84:559

Leaf Deterioration

Changes in Vegetation Spectra with Leaf Deterioration under Two Methods of Preservation, M. O. Labovitz, E. J. Masuoka and S. G. Feldmann, AP12:Dec 84:1737

Legal Aspects

Legal Aspects of Photogrammetric Measurements for Surveying and Mapping, A. O. Quinn, AP4:Apr 84:453

Lidar

Airborne Laser Topographic Mapping Results, R. N. Swift and M. L. Butler. AP6: Jun 84:685

Linear Array Scanner

DPS—A Digital Photogrammetric System for Producing Elevation Models and Orthophotos by Means of Linear Array Scanner Imagery, O. Hofmann, P. Nave and H. Ebner, AP8:Aug 84:1135

Linear Discriminant Analysis

An Automated Land-Use Mapping System Comparison of the Bayesian Like-lihood and Linear Discriminant Analysis Algorithms, Craig H. Tom and Lee D. Miller, AP2:Feb 84:193 L- and X-Band Radar

and X-Band Like- and Cross Polarized Synthetic Aperture Radar for Investigating Urban Environments, Barry N. Haack, AP3 Mar 84:331

Maine

Classifying Northern Forests Using Thematic Mapper Simulator Data, R. F. Nelson, R. S. Latty and G. Mott, AP5:May 84:607

Aspects of Photogrammetric Measurements for Surveying and Mapping, A. O. Quinn, AP4:Apr 84:453

Mapping Effectiveness

Mapping Effectiveness of Insecticide Treatments against Pandora Moth with Color-IR Photos, W. M. Ciesla, D. D. Bennett and J. A. Caylor, AP1:Jan 84:73 Mapping Geologic Structures

The Side-Looking Airborne Radar Program of the U.S. Geological Survey, C. Scott Southworth, AP10:Oct 84:1467

Map-Pixels

Analytical Generation of Orthophotos from Panoramic Photographs, A. Peled and B. Shmutter, AP2:Feb 84:189 Melaleuca Stands

Detecting Melaleuca Trees and Stands in South Florida, A. G. Arvanitis and R. Newburne, AP1:Jan 84:95

Microdensitometry

Digitized Small Format Aerial Photography as a Tool for Measuring Food Con-sumption by Trumpeter Swans, Y. Jim Lee and R. W. McKelvey, AP2:Feb 84:209

Microwave Data

Active Microwave Responses: An Aid in Improved Crop Classification W. D. Rosenthal and B. J. Blanchard, AP4:Apr 84:461

Mid-Infrared Bands

Applications of the Tasseled Cap Concept to Simulated Thematic Mapper Data, Eric S. Crist and Richard C. Cicone, AP3:Mar 84:343

Minneapolis

Automated Design in Minneapolis and Hennepin County, Minnesota, Bradford B. Henry, AP12:Dec 84:1747

Model Construction

The Model Construction Problem Using the Collinearity Condition, Atsushi Okamoto. AP6:Jun 84:705

Multispectral Scanner

The Channel Correlation Method for Estimating Aerosol Levels from Multispec-tral Scanner Data, J. F. Potter, AP1 Jan 84;43

Estimating Vegetation Coverage in St. Joseph Bay, Florida with an Airborne Multispectral Scanner, Kenneth J. Savastano, Kenneth H. Faller and Richard L. Iverson, AP8:Aug 84:1159

Multisensor Data Analysis of Urban Environments, Barry N. Haack, AP10:Oct 84 1471

Multistage Classifier

Designing a Deer Detection System Using a Multistage Classification Approach, Manmohan M. Trivedi, AP4:Apr 84:481

Multistational/Multistereo

The Quadrustational Cloe-Range Photogrammetric System, A. H. A. El-Beik and R. Babael-Mahani, AP3:Mar 84:319

National Archives Program

Evaluation of the National Archives Program to Convert Nitrate Aerial Photo-graphs of the United States to a Stable-Base Safety Film, Richard S. Williams, Jr., Thomas R. Lyons, Jane G. Ferrigno and Michael C. Quinn, AP10 84:1437

Natural Gas Tanks

Volume Uncertainty of a Large Tank Calibrated by Photogrammetry, J. D. Siegwarth, J. F. LaBreque and C. L. Carroll, AP8 Aug 84:1127

New Town Monitoring

New Town Monitoring from Sequential Aerial Photographs, C. P. Lo and C. Y. M. Wu, AP8: Aug 84 1145

Network Design

Network Design Considerations for Non-Topographic Photogrammetry Clive S. Fraser, AP8-Aug 84:1115

Land Use and Population: A Linking Model, J. Funso Olorunfemi, AP2:Feb. 84 221

Nile Delta

Monitoring Vegetation in the Nile Delta with NOAA-6 and NOAA-7 AVHRR Imagery, C. J. Tucker and S. R. Schneider, AP1:Jan 84:53

Nitrate Aerial Photographs

Evaluation of the National Archives Program to Convert Nitrate Aerial Photographs of the United States to a Stable Base Safety Film, Richard S. Williams, Thomas R. Lyons, Jane G. Ferrigno and Michael C. Quinn, AP10:Oct 84 1437

Non-Topographic Photogrammetry

etwork Design Consideration S. Fraser, AP8 Aug 84:1115 Non-Topographic Photogrammetry, Clive

Oblique Photographs

Some Theoretical and Practical Aspects of the OR 1:SORA-PR System, E. Vozikis, AP5:May 84:585

OEEPE Test Blocks

A Step-by-Step Strategy for Gross-Error Detection, S. F. El-Hakim and H. Zie-mann, AP6:Jun 84:713

Open Skies Program

The role of Photogrammetry in an "Open Skies" Program, George D. Whitmore, Fiftieth Anniversary Highlights, AP5:May 84:619

Or1/SORA-Pr System

Some of the Theoretical and Practical Aspects of the OR1:SORA-PR System. E. Vozikis, AP5 May 84 585

Orthophotos

Analytical Generation of Orthophotos from Panoramic Photographs, A. Peled and B. Shmutter, AP2 Feb 84:189

DPS-A Digital Photogrammetric System for Producing Digital Elevation Models and Orthophotos by Means of Linear Array Scanner Imagery, P. Nave and H. Ebner, AP8:Aug 84:1135

Pandora Moth

Mapping Effectiveness of Insecticide Treatments against the Pandora Moth with Color-IR Photos, W. M. Ciesla, D. D. Bennett and J. A. Caylor, AP1 Jan

Panoramic Photograph

of Orthophotos from Panoramic Photographs, A. Peled Analytical Generation of Orthophoto and B. Shmutter, AP2 Feb 84 189

Pattern Recognition

Designing a Deer Detection System Using a Multistage Classification Approach, Manmohan M. Trivedi, AP4-Apr 84:481

Perimeter Survey

Perimeter Survey by Photogrammetric Methods, Jon S. Beazley, 50th Anniversary Highlights, AP11:Nov 84:1629

Photogrammetry-Future

Photogrammetry 1984, Q. Johnson, Fiftieth Anniversary Highlights, AP6-Jun 84:747

Photogrammetric Calibration

Volume Uncertainty of a Large Tank Calibrated by Photogrammetry, J. D. Sieg-warth, J. F. LaBreque and C. L. Carroll, AP8 Aug 84:1127

Photogrammetric Control

Photogrammetric Densification of Control in Ada County, Idaho: Data Pro-cessing and Results, James R. Lucas, AP5:May 84:569

Photogrammetric Geodesy

Photogrammetric Geodesy Over Large Regions, Soren W. Henriksen, AP5:May

Photogrammetric Networks

Network Design Considerations for Non-Topographic Photogrammetry, Clive S. Fraser, AP8:Aug 84:1115

Photogrammetric Techniques

A Parallel Case of Photogrammetry and its Application in Narrow Transits, Fouad A Ahmed, AP10 Oct 84 1443

Photographic Calibration

ser Guide for the USGS Aerial Camera, Report of Calibration, William P. Tayman, AP5:May 84:577 Photographic Surveys

Pioneers and Problems of Early American Photogrammetry, Steven L. Richardson, AP4:Apr 84:433

Photography Procurement Specifications
User Guide for the USGS Aerial Camera, Report of Calibration, William P. Tayman, AP5:May 84:577

Pioneers

Pioneers and Problems of Early American Photogrammetry, Steven L. Richardson, AP4:Apr 84:433

Pointing Precisions

Pointing Precisions on Aerial Photography, J. C. Trinder, AP10:Oct 84:1449

Population Estimates

Land Use and Population: A Linking Model, J. Funso Olorunfemi, AP2:Feb 84 221

Poryphyry Copper

Landsat-4 Thematic Mapper and Thematic Mapper Simulator Data for A Por-phyry Copper Deposit, Michael J. Abrams, AP8:Aug 84:1171

Problem Solving

Problem Solving with Remote Sensing, Fiftieth Anniversary Highlights, Warren R. Philipson AP12 Dec 84:000

Quadrustational System

The Quadrustational Close-Range Photogrammetric System, A. H. A. El-Beik and R. Babael-Mahani, AP3:Mar 84:319

Negative Quality Required for Stereo-Plotting Instruments, William E. Harman, 50th Anniversary Highlights, AP3:Mar 84:365

Regional Land Use

Evaluation of Simulated Thematic Mapper Data and Landsat MSS Data for Discriminating Suburban and Regional Land Use and Cover, David L. Toll, AP12-Dec 84:1713

Remote Sensing

Detecting Melaleuca Trees and Stands in South Florida, L. G. Arvanitis and R. Newburne, AP1.Jan 84:95

Remote Sensing Technology and the U.S. Census, Hazel Morrow-Jones and John F. Watkins, AP2:Feb 84:229

Remote Sensing Data

Determining the Confidence Level for a Classification, I. L. Thomas and G. McK. Allcock, AP10:Oct 84:1491

Residential Structure Variation

The Effect of Residential Stricture Variation on Dwelling Unit Enumeration from Aerial Photographs, John F. Watkins, AP11:Nov 84:1599

Improving Crop Classification through Attention to the Timing of Airborne Radar Acquisitions, B. Brico, F. T. Ulaby and R. Protz, AP6.Jun 84:739

Satellite Data

Monitoring Vegetation in the Nile Delta with NOAA-6 and NOAA-7 AVHRR Imagery, C. J. Tucker, J. A. Gatlin and S. R. Schneider, AP1 Jan 84:53

Satellites

Potential Benefits of New Satellite Sensors to Wetland Mapping, C. Lisette Dottavio and F. Dominic Dottavio, AP5:May 84:599

Section Corners

hotogrammetric Survey of the Ada County Project, Leslie H. Perry, AP5:May 84:563

Semiarid Environment

Assessing Change in the Surficial Character of a Semiarid Environment with Landsat Residual Imagesidual Images, Thomas D. Frank, AP4:Apr 84:471

Sequential Aerial Photographs

New Town Monitoring from Sequential Aerial Photographs, C. P. Lo and C. Y. M. Wu, AP8-Aug 84:1145

Side-Looking Airborne Radar

The Side-Looking Airborne Radar Program of the U.S. Geological Survey C. Scott Southworth, AP10:Oct 84:1467

Simulation of Errors

Simulation of Errors in a Landsat Based Crop Estimation System, Daniel B. Ramey and James H. Smith

Simulated Thematic Mapper

n Evaluation of Simulated Thematic Mapper Data and Landsat MSS Dats for Discriminating Suburban and Regional Land Use and Land Cover, David L. Thematic Mapper Data and Landsat MSS Dats for Toll, AP12 Dec 84:1713

Site Type Classification

Landsat-Aided Forest Site Type Mapping, Tuomas Häme, AP8:Aug 84:1175

Slopes

Digital Terrain Models for Slopes and Curvatures, H. B. Papo and E. Gelbmann, AP6:Jun 84:695

Small Format Photography

A Camera Mount and Intervalometer for Small Format Aerial Photography, M. L. Benson, B. J. Myers, I. E. Craig, W. C. L. Gabriel and A. G. Swan, AP11:Nov

Spectroradiometry

Application of High Reolution Spectroradiometry to Vegetation, D. C. Ferns, S. J. Zara and J. Barber, AP12 Dec 84:1725

SPOT HRV Camera

An In-Flight Refocusing Method for the SPOT HRV Cameras, G. Begni, D. Leger and M. Dinguirard, AP12:Dec 84:1697

Stable Base Safety Film

Evaluation of the National Archives Program to Convert Nitrate Aerial Photographs of the United States to a Stable-Base Safety Film, Richard S. William, Jr., Thomas R. Lyons, Jane G. Ferrigno and Michael C. Quinn, AP10, Oct 84:1437

Statistical Approach

Determining the Confidence Level for a Classification, I. L. Thomas and G. McK. Allcock, AP10:Oct 84:1491

Stereoscopic Analysis

Acquisition of 35-mm Oblique Photographs for Stereoscopic Analysis and Mea-surement, Barry M, Evans and Larry Mata, AP11:Nov 84:1581

Stereoscopy, Its History and Uses, Revere G. Sanders, Fiftieth Anniversary Highlights, AP9:Sep 84:1347

Stereo X-Ray

The Close-Range Column, Sean Curry, AP3:Mar 84:361

Subregion

A Semi-Automated Procedure for Identifying Landsat MSS Subregion Coordinates, Daniel L. Civco, AP5:May 84:597

Legal Aspects of Surveying and Mapping, A. O. Quinn, AP4 Apr 84:453

Surveying Structures

Photogrammetric Application of a Video System in Three-Dimensional Recording, Fouad A. Ahmed, AP5:May 84:593

Synthetic Aperture Radar

and X-Band Like- and Cross-Polarized Synthetic Aperture Radar for Investigating Urban Environments, Barry N. Haack, AP3:Mar 84:331

Multisensor Data Analysis of Urban Environments, Barry N. Haack, AP10.Oct 84:1471

Tasseled Cap Concept

Application of the Tasseled Cap Concept to Simulated Thematic Mapper Data, Éric P. Crist and Richard C. Cicone, AP3:Mar 84:343

Terrain Mapping

Airborne Laser Topographic Mapping Results, W. B. Krabill, J. G. Collins, L. E. Ling, R. N. Swift and M. L. Butler, AP6:Jun 84:685

Test Targets

Pointing Precisions on Aerial Photography, J. C. Trinder, AP10:Oct 84:1449

Thematic Mapper

Application of the Tasseled Cap Concept to Simulated Thematic Mapper Data, Eric P. Crist and Richard C. Cicone, AP3:Mar 84:343

Classifying Northern Forests Using Thematic Mapper Simulator Data, R. F. Nelson, R. S. Latty and G. Mott, AP5:May 84:607

An Estimate of the Number of Boundary Cells in a Mapped Landscape Coded to Grid Cells, P. F. Crapper, AP10:Oct 84:1497

Landsat-4 Thematic Mapper and Thematic Mapper Simulator Data for A Por-phyry Copper Deposit, Michael J. Abrams, AP8:Aug 84:1171

Potential Benefits of New Satellite Sensors to Wetland Mapping, C. Lisette Dottavio and F. Dominic Dottavio, AP5:May 84:599

35-mm Oblique Photographs
Acquisition of 35-mm Oblique Photographs for Stereoscopic Analysis and Measurement, Barry M. Evans and Larry Mata, AP11:Nov 84:1581

Three Dimensional Recording

Photogrammetric Application of a Video System in Three-Dimensional Re-cording, Fouad A. Ahmed, AP5:May 84:593

Turbidity Measurements

Water Quality Monitoring Using an Airborne Spectroradiometer, Harlan L. McKim, Carolyn J. Merry and Robert W. Layman, AP3:Mar 84:353

Two-Media Photographs

Orientation Problems of Two-Media Photographs with Curved Boundary Surfaces, Atsushi Okamoto, AP3:Mar 84:303

Two-Stage Cluster Sampling

On Optimal Two-Stage Cluster Sampling for Aerial Surveys with Detection Error, L. Daniel Maxim and L. Harrington, AP11:Nov 84:1613

Unified Coordinate System

Photogrammetric Densification of Control in Ada County, Idaho: Data Processing and Results, James R. Lucas, AP5:May 84:569

Urban Environments

L- and X-Band Like- and Cross-Polarized Synthetic Aperture Radar for Investigating Urban Environments, Barry N. Haack, AP3:Mar 84:331 Multisensor Data Analysis of Urban Environments, Barry N. Haack, AP10:Oct

84:1471 U.S. Census

Remote Sensing Technology and the U.S. Census, Hazel A. Morrow-Jones and John F. Watkins, AP2 Feb 84:229

hanges in Vegetation Spectra with Leaf Deterioration under Two Methods of Presentation, M. O. Labovitz, E. J. Masuko, and S. G. Feldmann, AP12:Dec 84:1737

Vegetation Change Assessing Change in Surficial Character of a Semiarid Environment with Landsal Residual Images, Thomas D. Frank, AP4:Apr 84:471

stimating Vegetation Coverage in St. Joseph Bay, Florida with an Airborne Multispectral Scanner, Kenneth J. Savastano, Kenneth H. Faller and Richard L. Iverson, AP8:Aug 84:1159

Vegetation Dynamics

onitoring Vegetation in the Nile Delta with NOAAA-6 and NOAA-7 AVHRR Imagery, C. J. Tucker, J. A. Gatlin and S. R. Schnieder, AP1:Jan 84:53

Vegetation Spectra

Changes in Vegetation Spectra with Leaf Deterioration under Two Methods of Preservation, M. O. Labovitz, E. J. Masuoka and S. G. Feldmann, AP12:Dec 84:1737

Video System

Photogrammetric Application of a Video System in Three-Dimensional Recording, Fouad A. Ahmed, AP5:May 84:593

Volume Calibration

Volume Uncertainty of a Large Tank Calibrated by Photogrammetry, J. D. Siegwarth, J. F. Labreque and C. L. Carroll, AP8:Aug 84:1127

Water Quality Monitoring

Water Quality Monitoring Using An Airborne Spectroradiometer, Harlan L. McKim, Carolyn J. Merry and Robert W. Layman, AP3:Mar 84:353

Wetland Mapping

Potential Benefits of New Satellite Sensors to Wetland Mapping, C. Lisette Dottavio and F. Dominic Dottavio, AP5:May 84:599

World-Wide Mapping

Economic Impact of World-Wide Mapping, Arthur J. Brandenburger, AP8:Aug 84:1185

NAME INDEX

Abrams, Michael J.

Landsat-4 Thematic Mapper and a Thematic Mapper Simulator Data for a Porphyry Copper Deposit, AP8:Aug 84:1171

Ahmed, Fouad A.

A Parallel Case of Photogrammetry and its Application in Narrow Transits. AP10:Oct 84:1443

Ahmed, Fouad A.

Photogrammetric Application of a Video System in Three-Dimensional Recording, AP5:May 84:593

Allcock, G. McK. See I. L. Thomas, AP10:Oct 84:1491

Anderson, David R.

See Manmohan M. Trivedi. AP4 Apr 84:481

Aronoff, Stan

An Approach to Optimized Labeling of Image Classes, AP6:Jun 84:719

Arvanitis, L. G.

Detecting Malaleuca Trees and Stands in South Florida, AP1 Jan 84:95

Babaei-Mahani, R.

See A. H. A. El-Beik, AP3:Mar 84:319

Barber, J.

See D. C. Ferns. AP12:Dec 84:1725

Beazley, Jon S.

Perimeter Survey by Photogrammetric Methods, Fiftieth Anniversary Highlights, AP11:Nov 84:1629

An In-Flight Refocusing Method for Spot HRV Cameras, AP12:Dec 84:1697

Bennett, D. C.

See W. M. Ciesla, AP1 Jan 84:73

Benson, M. L.

A Camera Mount and Intervalometer for Small Format Aerial Photography. AP11:Nov 84:1571

See B. J. Meyers, AP1:Jan 84:63

Blanchard, B. J.

See W. D. Rosenthal, AP4:Apr 84:461

Boyd, Louise A.
The Louise A. Boyd Seven Arctic Expeditions, Fiftieth Anniversary Highlights AP4:Apr 84:493

Brandenberger, Arthur J.,

Economic Impact of World-Wide Mapping, Fiftieth Anniversary Highlights AP8:Aug 84:1185

Brico F

Improving Crop Classification Through Attention to the Timing of Airborne Radar Acquisitions, AP6:Jun 84:739

Brugioni, Dino A.

Photo Interpretation and Photogrammetry in World War II, AP9:Sept 84:1313

Butler, M. L.

See W. B. Krabill, AP6:Jun 84:685

Carroll, C. L.

See J. D. Siegwarth, AP8:Aug 84:1127

Case, H. Lee, III

See Kenneth E. Kolm, AP10:Oct 84:1479

Caylor, J. A. See W. M. Ciesla, AP1 Jan 84:73

Cicone, Richard C.

See Eric P. Crist, AP3:Mar 84:343

Ciesla, W. M.

Mapping Effectiveness of Insecticide Treatments Against Pandora Moth with Color-IR Photos, AP1:Jan 84:73

Civco, Daniel L.

A Semi-Automated Procedure for Identifying Landsat MSS Subregion Coordinates, AP5:May 84:597

Collins, J. G.

See W. B. Krabill. AP6:Jun 84:685

Colwell, Robert N.

From Photographic Interpretation to Remote Sensing, AP9 Sept 84:1305

Craig, I. L. See M. L. Benson, AP11:Nov 84:1571

Crapper, P. F.

stimate of the Number of Boundary Cells in A Mapped Landscape Coded to Grid Cells, AP10:Oct 84:1497

Crist, Eric P.

Application of the Tasseled Cap Concept to Simulated Thematic Mapper Data, AP3:Mar 84:343

Cuellar, J. A.

See A. H. Gerbermann, AP2 Feb 84:209

Curry, Sean

The Close-Range Column, AP3:Mar 84:361

Darling, Neil

See Charles Roswell

Davidson, John I.

Introduction to the 50th Anniversary issue of PHOTOGRAMMETRIC ENGINEERING AND REMOTE SENSING, AP9:Sept 84:1273

Dinguirard, M.

See G. Begni, AP12:Dec 84:1697

Dorber, E.

See M. T. Erez, AP2:Feb 84:183

Dottavio, C. Lisette

Potential Benefits of New Satellite Sensors to Wetland Mapping, AP5:May

Dottavio, F. Dominic

See C. Lisette Dottavio, AP5 May 84:599

Experience with Height Interpolation by Finite Elements, AP2:Feb 84:177

See O. Hofmann, AP8:Aug 84:1135

El-Beik, A. H. A.

The Quadrustational Close-Range Photogrammetric System, AP3:Mar 84:319

El-Hakim, S. F.

A Step-by-Step Strategy for Gross-Error Detection, AP6:Jun 84:713

Photogrammetric Data Acquisition Using an Interactive Computer Graphics System, AP2:Feb 84:183

Evans, Barry M.
Acquisition of 35-mm Oblique Photographs for Stereoscopic Analysis and Measurement, AP11:Nov 84:1581

Faller, Kenneth J.

See Kenneth J. Savastano, AP8:Aug 84:1159

Feldmann, S. G.

See M. O. Labovitz, AP12:Dec 84:1737

Ferns, D. C.

An Application of High Resolution Spectroradiometry to Vegetation, AP12:Dec 84:1725

Ferrigno, Jane G. See Richard S. Williams, Jr., AP10:Oct 84:1437

The Census, AP11:Nov 84:1609

Earth Resources Remote Sensing Platforms, AP11:Nov 84:1609

Frank, Thomas D.

Assessing Change in the Surficial Character of a Semiarid Environment with Landsat Residual Images, AP4:Apr 84:471

Fraser Clive S.

Network Design Considerations for Non-Topographic Photogrammetry, AP8:Aug 84:1115

Gabriel, W. C. L. See M. L. Benson, AP11:Nov 84:1571

Gale, Pliny
The Texas Story, AP9:Sept 84:1297

Gatlin, J. A. See C. J. Tucker, AP1:Jan 84:53

Gausmann, H. W.

See A. H. Gerbermann, AP2:Feb 84:209

Gelbman, E.

See H. B. Papo, AP6:Jun 84:695

Gerbermann, A. H.

Relationship of Sorghum Canopy Variables to Reflected Infrared Radiation for Two Wavelengths and Two Wavebands, AP2 Feb 84:209

Gergen, John G.

The Geodetic Basis for Precise Photogrammetric Densification, AP5 May 84:559

Gibson, J. R. See H. Schreier, AP11:Nov 84:1591

Haack, Barry N.

L- and X-Band Like- and Cross-Polarized Synthetic Aperture Radar for Investigating Urban Environments, AP3:Mar 84:331

Multisensor Data Analysis of Urban Environments, AP10:Oct 84:1471

Hall, W. D. Robinson Aerial Surveys, Inc. AP9:Sept 84:1295

Häme, Tuomas Landsat-Aided Forest Site Type Mapping, AP8:Aug 84:1175

Harman, William E.

Negative Quality Required for Stereo-Plotting Instruments, Fiftieth Anniversary Highlights, AP3:Mar 84:365

Harrington, L.

See L. Daniel Maxim, AP11:Nov 84:1613

Henry, Bradford B.

Automated Design in Minneapolis and Hennepin County, Minnesota, AP12:Dec 84 1747

Hofmann, O.

DPS: A Digital Photogrammetric System for Producing Digital Elevation Models and Orthophotos by Means of Linear Array Scanner Imagery, AP8. Aug 84-1135

Kolm, Kenneth E.

The Identification of Irrigated Crop Types and Estimation of Acreages from Landsat Imagery, AP10.Oct 84.1479

Henriksen, Soren W.

Photogrammetric Geodesy over Large Regions, AP5:May 84:557

Iverson, Richard L.

See Kenneth J. Savastano, AP8:Aug 84:1159

Johnson, Q.

Photogrammetry 1984, Fiftieth Anniversary Highlights, AP6:Jun 84:747

Krabill, W. B.

Airborne Laser Topographic Mapping Results, AP6:Jun 84:685

Labovitz, M. O.

Changes in Vegetation Spectra with Leaf Deterioration under Two Methods of Preservation, AP12 Dec 84:1737

Latty, R. S.

See R. F. Nelson, AP5:May 84:607

LaBreque, J. F. See J. D. Siegwarth, AP8:Aug 84:1127

Layman, Robert W.

See Harlan L. McKim, AP3:Mar 84:353

Digitized Small Format Aerial Photography as a Tool for Measuring Food Con-sumption by Trumpeter Swans, AP2:Feb 84:209

Leger, D.

See G. Begni, AP12: Dec 84:1697

Leick, Alfred

Book Review: Map Projections Used by the U.S. Geological Survey, John P. Snyder, AP3:Mar 84:329

Link, L. E.

See W. B. Krabill, AP6:Jun 84:685

Lo. C. P.

New Town Monitoring from Sequential Aerial Photographs, AP8:Aug 84:1145

Lougheed, J.

See H. Schreier, AP11:Nov 84:1591

Loving, G.

Fiftieth Anniversary Scrapbook, AP9:Sept 84:1274

Lucas, James R.

Photogrammetric Densification of Control in Ada County, Idaho: Data Processing and Results. AP5:May 84:569

Lyons, Thomas, R.

See Richard S. Williams, Jr., AP10:Oct 84:1437

Masuoka, E. J.

See M. O. Labovitz, AP12:Dec 84:1737

Mata, Larry See Barry M. Evans, AP11:Nov 84:1581

Maxim, Daniel L.

On Optimal Two-Stage Cluster Sampling for Aerial Surveys with Detection Errors, AP11:Nov 84:1613

McKelvey, R. W.

See Y. Jim Lee, AP2:Feb 84:209

McKim, Karlan L.

Water Quality Monitoring Using an Airborne Spectroradiometer, AP3:Mar 84:353

Meiborg, Robert W.

Chicago Aerial Survey Company, AP9:Sept 84:1283 Merry, Carolyn J.

See Harlan L. McKim, AP3:Mar 84:353

Miller, Lee D.

See Craig S. Tom, AP2:Feb 84:193

Moreton, G. E.

Irrigated Crop Inventory by Classification of Satellite Image Data AP6:Jun 84:729

Morrow-Jones, Hazel A.

Remote Sensing Technology and the U.S. Census, AP2 Feb 84:229

Mott, G.

See R. F. Nelson, AP5:May 84:607

Mundy, Stephen A.

Evaluation of Analytical Plotters for the Commercial Mapping Firm, AP4:Apr 84:457

Myers, B. J. Shadowless of Sunlit Photos for Forest Disease Detection, AP1:Jan 84:63

See M. L. Benson, AP11:Nov 84:1571

Navé, P.

See O. Hofmann, AP8:Aug 84:1135

Needham, Ted D.

Consequences of Enlarging 35-mm Aerial Photography, AP8:Aug 84:1143

Nelson, R. F.

Classifying Northern Forests Using Thematic Mapper Simulator Data, APS:May 84:607

Newburne, R.

See L. G. Arvanitis, AP1:Jan 84:95

Okamoto, Atsushi

Orientation Problems of Two-Media Photographs with Curved Boundary Surfaces, AP3:Mar 84:303

Olorunfemi F Funso

Land Use and Population: A Linking Model, AP2 Feb 84 221

Okamoto, Atsushi

The Model Construction Problem Using the Collinearity Condition, AP6.Jun 84:705

Palatiello, John M.

ACSM-ASP Government Affairs Program Accomplishments AP2:Feb 84 233

Digital Terrain Models for Slopes and Curvatures, AP6:Jun 84:695

Peled, A.

Analytical Generation of Orthophotos from Panoramic Photographs, AP2 Feb 84 189

Perry, Leslie H.

Photogrammetric Summary of the Ada County Project, AP5 May 84:563

Philipson, Warren R.

Problem Solving with Remote Sensing, Fiftieth Anniversary Highlights. AP12:Dec 84:

Potter, J. F.

The Channel Correlation Method for Estimating Aerosol Levels from Multispec-tral Scanner Data, AP1:Jan 84:43

Protz. R.

See B. Brisco, AP6 Jun 84-739

Quinn, A. O.

The ASP Voluntary Certification Program, AP12:Dec 84:1693

Legal Aspects of Photogrammetric Measurements for Surveying and Mapping, AP4:Apr 84:453

Professionalism in the American Society of Photogrammetry, AP9:Sept 84:1301

Quinn, Michael C.

See Richard S. Williams, Jr., AP10:Oct 84:1437

Rabchevsky, George A.

Book Review: Cities and Their Environments, by A. Grigoryiev, "Mysl", AP3:Mar 84:328

Book Review: Transformed Earth: Aerospace Observations, by B. V. Vinogradov, AP3:Mar 84:327

Ramey, Daniel B.

Simulation of Errors in Landsat Based Crop Estimation System, AP12:Dec 84:1707

Reiss F

See H. Ebner, AP2:Feb 84:177

Riley, Frank

Park Aerial Surveys, Inc. AP9:Sept 84:1293

Rice, William

See Melvin Satterwhite. AP1 Jan 84 83

Richards, J. A.

See G. E. Moreton, AP6 Jun 84:729

Richardson, Steven L.

Pioneers and Problems of Early American Photogrammetry, AP4:Apr 84:435

Rosenthal W. D.

Active Microwave Responses: An Aid in Improved Crop Classification, AP4:Apr 84:461

Roswell, Charles

Development of Automated Photogrammetry by U.S. Military Map Makers, AP9:Sept 84:1341

Russell, J.

See H. Schreier, AP11:Nov 84:1591

Sanders, Revere G.

Stereoscopy, Its History and Uses, Fiftieth Anniversary Highlights, AP9 Sep 84:1347

Satterwhite, Melvin

Using Landform and Vegetative_Factors to Improve the Interpretation of Landsat Imagery, AP1:Jan 84:83

Savastano, Kenneth J.

Estimating Vegetation Coverage in St. Joseph Bay, Florida with an Airborne Multispectral Scanner, AP8:Aug 84:1159

Schneider, S. R.

See C. J. Tucker, AP1:Jan 84:53

Calibrating an Airborne Laser Profiling System, AP11:Nov 84:1591

Shipman, Jerome

See Melvin Satterwhite, AP1 Jan 84:83

Shmutter, B.

Analytical Generation of Orthophotos from Panoramic Photographs, AP2 Feb. 84:189

Siegwarth, J. D.

Volume Uncertainty of a Large Tank Calibrated by Photogrammetry, AP8:Aug 84:1127

Smart, L. Ray

International Society for Photogrammetry VII Congress, Washington, DC, 1952, AP9:Sept 84:1319

Smith, James L.

See Ted D. Needham, AP8:Aug 84:1143

See Daniel B. Ramey, AP12 Dec 84:1707

Southard, Rupert B.

Highlights of U.S. Geological Survey Activities in Photogrammetry and Remote Sensing, AP9:Sept 84:1323

Southworth, C. Scott

The Side-Looking Airborne Radar Program of the U.S. Geological Survey, AP10:Oct 84:1467

Storms, C. Eric

Aero Service Corporation, AP9:Sept 84:1279

Swan, A. G. See M. L. Benson, AP11:Nov 84:1571

Swanson, Lawrence W.

The Development of Geometric Satellite Triangulation and Field Operations, AP9:Sept 84:1333

Swift, R. N.

See W. B. Krabill, AP6:Jun 84:685

Tayman, William P.

User Guide for the USGS Aerial Camera Report of Calibration, AP5:May 84

Tewinkel, G. C.

The Nine-Lens Camera of the Coast & Geodetic Survey, AP9:Sept 84:1309

Thomas, I. L.

Determining the Confidence Level for a Classification AP10:Oct 84:1491

Thorpe, John A. CPS: Computed Photo Scale, AP11:Nov 84:1565

Toll, David L.

An Evaluation of Simulated Thematic Mapper Data and Landsat Mss Data for Discriminating Suburban and Regional Land Use and Cover, AP12:Dec 84:1713

An Automated Land-Use Mapping Comparison of the Bayesian Maximum Likelihood and Linear Discriminant Analysis Algorithms, AP2:Feb 84:193

Trinder, J. C.
Pointing Precisions on Aerial Photography, AP10:Oct 84:1449

Trivedi, Manmohan M.

Designing a Deer Detection System Using a Multistage Classification Approach, AP4:Apr 84:481

Tubis, Harry

J. Victor Dallin, AP9 Sept 84:1285

George J. DeGarmo, Jr. AP9:Sept 84:1287

See A. H. Gerbermann, AP2 Feb 84:209

Monitoring Vegetation in the Nile Delta with NOAA-6 and NOAA-7 AVHRR Imagery, AP1:Jan 84:53

Ulaby, F. Y. See B. Brisco, AP6:Jun 84:739

Veress, S. A.

Book Review: Textbook of Photogrammetry by K. K. Rampal, AP5:May 84:575

Voorheis, Howard T.

See Manmohan M. Trivedi, AP4:Apr 84:481

Vozikis, E.

Some Theoretical and Practical Aspects of the OR1 SORA-PR System, AP5:May 84: 585

Watkins, John F.

The Effect of Residential Structure Variation on Dwelling Unit Enumeration from Aerial Photographs. AP11 Nov 84:1599

See Hazel A. Morrow-Jones, AP2:Feb 84:229

Wear, J. F. See B. J. Myers, AP1 Jan 84:63

Welton, Wayne T.

Book Review: Cartographic Drawing with Computers by Pinhas Yoeli, AP3:Mar 84:327

See B. J. Myers, AP1 Jan 84:63

Whitmore, George D.

The Role of Photogrammetry in an "Open Skies" Program, Fiftieth Anniversary Highlights, AP5 May 84:619

Williams, Richard S., Jr.

Evaluation of the National Archives Program to Convert Nitrate Aerial Photo-graphs of the United States to Stable-Base Safety Film, AP10:Oct 84:1437

Wu, C. Y. M. See C.P.Lo. AP8:Aug 84:1145

Wyatt, Clair L.

See Manmohan M. Trivedi, AP4 Apr 84:481 Zara, S. J. See B.C. Ferns, AP12 Dec 84 1725

Ziemann, H. See S.F. El-Hakim, AP6:Jun 84:713