

American Society for Photogrammetry
and Remote Sensing

2004

AWARD RECIPIENTS

and

70th Anniversary
Historical Awards

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Photogrammetric Award (Fairchild)

2004 Recipient: **Dr. J. Chris McGlone**

Dr. J. Chris McGlone has made several outstanding contributions through his R&D efforts since receiving his PhD from Purdue in 1980. McGlone is a senior systems scientist in the School of Computer Science of Carnegie Mellon University and has been a member of the research faculty since 1992. He received a B.S. in Civil Engineering from the University of Kentucky, and M.S. and Ph.D. degrees in Civil Engineering (Photogrammetry) from Purdue University. His thesis implemented the block adjustment of multispectral scanner data, including geometric information for additional strength, and the evaluation of the block adjustment results.

McGlone's career in both industry and academe has been focused on the combination of photogrammetry and computer vision. At H. Dell Foster Associates he worked on industrial inspection applications of machine vision, while at Loral Fairchild Systems he was involved in the design and modeling of reconnaissance cameras and in the application of computer vision algorithms to reconnaissance imagery.

In 1992 he joined the Digital Mapping Laboratory, where he is working on applications of photogrammetry to automated cartographic feature extraction. Specific research topics have included vanishing point analysis and the use of simultaneous bundle adjustment with geometric constraints to construct precise building models and to evaluate feature matching and geometric hypotheses.

McGlone is a co-author of the textbook *Introduction to Modern Photogrammetry* and is the editor of the Fifth Edition of the *Manual of Photogrammetry*, the standard photogrammetric reference published by ASPRS. He also contributed chapters to the manuals *Digital Photogrammetry: An Addendum to the Manual of Photogrammetry* and *Non-Topographic Photogrammetry*.

McGlone is a member of IEEE and ASPRS. He has served on the program committee of several conferences, as the ASPRS correspondent to Commission II of the International Society for Photogrammetry and Remote Sensing (ISPRS), and is currently secretary of ISPRS Working Group III/7.

Purpose: This award was established in 1943 to stimulate the development of the art of aerial photogrammetry in the United States.

Donor: Originally sponsored by the Loral Fairchild Corp, the award is now supported by Lockheed Martin

The Photogrammetric Award (Fairchild) includes an engraved plaque.

Past Award Recipients

1943 - Gerald FitzGerald	1949 - John V. Sharp	1954 - Marvin B. Scher	1959 - Ludwig Bertele
1944 - Philip G. McCurdy	1950 - Russell K. Bean	1955 - Dwin R. Craig	1960 - Gilbert L. Hobrough
1945 - Jasper E. King	1951 - Frederick P. Willcox	1956 - Robert N. Colwell	1961 - Bertil Hallert
1946 - Earl Church	1952 - Konstantin Pestrecov	1957 - Hellmut Schmid	1962 - Heinz Gruner
1947 - Harry T. Kelsch	1953 - John I. Pennington	1958 - Russell K. Bean	1963 - Uuno V. Helava
1948 - No Award			

Photogrammetric Award (Fairchild)

Past Award Recipients *continued*

1964 - Clarice L. Norton	1974 - H. Dell Foster	1984 - Zarko Jaksic	1994 - Armin Gruen
1965 - Morris M. Thompson	1975 - Edward M. Mikhail	1985 - William C. Mahoney	1995 - David M. McKeown
1966 - G. Carper Tewinkel	1976 - Everett L. Merritt	1986 - Lawrence W. Fritz	1996 - No Award Given
1967 - Gerhardus H. Schut	1977 - Atef A. Elassal	1987 - Clive S. Fraser	1997 - John A. Thorpe
1968 - Frederick J. Doyle	1978 - Michael A. Crombie	1988 - Hans J. Wehrli	1998 - Friederich E. Ackermann
1969 - Sidney Bertram	1979 - Clifford W. Greve	1989 - Maurice S. Gyer	1999 - Gottfried Konecny
1970 - Duane C. Brown	1980 - Duane C. Brown	1990 - Franz W. Leherl	2000 - Anton F. "Toni" Schenk
1971 - Gomer I. McNeil	1981 - Roy A. Welch	1991 - Sherman S.C. Wu	2001 - No Award Given
1972 - Teodor J. Blachut	1982 - Vladimir Kratky	1992 - James R. Lucas	2002 - No award given
1973 - Houssam M. Karara	1983 - Chester C Slama	1993 - James B. Case	2003 - Paul R. Wolf

SAIC/Estes Memorial Teaching Award

2004 Recipient: **John R. Jensen**

John Russell Jensen is a Carolina Distinguished Professor in the Department of Geography at the University of South Carolina. He majored in physical geography and analytical cartography and remote sensing at the following institutions: B.A., California State University at Fullerton, 1971; master's, Brigham Young University, 1972; Ph.D., UCLA., 1976. While attending UCLA, he worked full-time for Aero Service Corporation where he was trained in photogrammetry on analytical stereoplotters and orthophotoscopes. In 1977, he accepted a professorship at the University of Georgia. In 1981, Jensen went to the University of South Carolina as an associate professor and helped to develop a new Ph.D. program in "Geographic Information Science" specializing in remote sensing, cartography, and GIS. The academic program is now one of the most respected in the nation. Jensen became a USC "Carolina Distinguished Professor" in 1986.

His research has focused on: a) remote sensing of coastal wetland biophysical resources (e.g., biomass, leaf-area-index); b) development of digital image processing algorithms to extract and model change; c) development of error evaluation statistics for assessing the accuracy of multiple-date change detection, d) improvement of the remote sensing and GIS supported environmental sensitivity index (ESI) mapping used worldwide for protecting coastal resources; and e) modeling water quality parameters (chlorophyll, dissolved inorganic matter, suspended sediment) using high spatial and spectral resolution remote sensor data. Jensen was President of the American Society for Photogrammetry & Remote Sensing in 1996. He has published more than 100 refereed journal articles dealing primarily with remote sensing of the environment. He was a co-author of ASPRS' *Manual of Remote Sensing* (1st and 2nd ed.) and *Manual of Photographic Interpretation* (2nd Ed., 1997). He contributed to *People and Pixels* (1998) and chaired the writing of *Down to Earth: Geographic Information for Sustainable Development* (2002) published by the National Research Council, National Academy Press. His textbooks *Remote Sensing of the Environment* (2000) and *Introductory Digital Image Processing* (3rd Edition; 2004) are used throughout the world. Jensen has mentored 55 master's students and 25 Ph.D.'s in remote sensing. All of them are working in the field.

The SAIC Estes Memorial Teaching Award was inaugurated in 2003 and is named in honor of Professor John E. ("Jack") Estes, teacher, mentor, scientist, and friend of the American Society for Photogrammetry and Remote Sensing.

Purpose: This award is designed to recognize individual achievement in the promotion of remote sensing and geographic information systems (GIS) technology and applications through educational efforts. Award recipients are chosen based on documented excellence in education, teaching, mentoring, and training.

Donor: This Award is presented by ASPRS with funding provided by Science Applications International Corporation (SAIC) and consists of a presentation plaque and a cash award of \$2,000.

Past Award Recipients:

2003 - Roger M. Hoffer



Outstanding Service Award

2004 Recipients:

Doug Fuller for his many years of service on the Board and the Executive Committee.

The Potomac Region and the St. Louis Region for their extraordinary level of support for the Building Fund Drive.

Susan Ustin for her editorship of the *ASPRS Manual of Remote Sensing*, Volume 4.

Jim Case for 30 years of service as *PE&RS* Technical Editor.

Purpose: Established in 1991, the Outstanding Service Award is given to Society members in recognition of outstanding and unusual efforts in helping the Society develop and carry out its program over a sustained period of time. Awardees have performed outstanding service to the Society at the chapter, regional, or national level. Awardees' service include any activities, including professional, that have helped the Society achieve its goals and objectives.

Donor: ASPRS

The Outstanding Service Award consists of a hand-engrossed certificate.

Past Award Recipients:

1992

Roger M. Hoffer
Chris J. Johannsen
Chester E. Kowalczyk

1993

Charles II. Andregg
Abraham Anson
Lawrence W. Fritz
Thomas J. Lauterborn
Alfred O. Quinn
Alan R. Stevens

1994

James B. Campbell
William D. Lynn

1995

Gail McGarry Mac Aulay

1996

Eugen R. Benware
Charles D. Watts

1997

Clifford W. Greve
Robert A. McDonald
Warren R. Philipson

1998

Roger "Sky" Chamard
Gail McGarry MacAulay

1999

Robert Ryerson
Lewis Graham
Phil Kern
Steve Smyth
Microsoft Corp.
Intergraph Corp.

2000

Russell G. Congalton
Bruce Q. Rado
ERDAS, Inc.

2001

ESRI
ERDAS
Z/I Imaging
Roger Crystal

2002

H Systems, LLC
David F. Maune
John Baker
Kevin O'Connell
Ray Williamson
Stanley A. Morain

2003

SAIC
Al Watkins
Aero-Metric Inc.
Barney Schur
Mary Clawson
Roger "Sky" Chamard

Region of the Year Award

2004 Recipients

First Place: **The Rocky Mountain Region**
First Honorable Mention: **The Columbia River Region**
Second Honorable Mention: **The Central Region**

The **Rocky Mountain Region** is the winner for the third year in a row. The competition for the Region of the Year was once again very tough! The Region was also the Region of Month winner for September 2003. Their constant endeavor to outdo themselves not only enhances their importance to their members but to the Society as well. The Rocky Mountain Region received this award for outstanding accomplishments in all areas of region activities, some of which include a terrific region newsletter, holding the largest Fall GIS and Remote Sensing Conference in the Western US, and many other technical meetings, tours, expanding local chapters, awarding scholarships. The Region has also supported The ASPRS Headquarters by setting up the matching Building Fund contributions, and establishing the 2004 National Conference Planning Committee. The Rocky Mountain Region not only competed royally, the presentation of their annual report was one of the best ever received at headquarters.

The **Columbia River Region** has been selected for First Honorable Mention for their superior accomplishments in region activities, including an excellent newsletter, extensive technical meetings such as hosting an International meeting of the ISPRS for "Three Dimensional Mapping from InSAR and Lidar," and other technical meetings. The Region has played the important role of hosting national-level workshops for the second year in a row, including one on preparing for the Professional Certification Exams. Columbia River Region was also the "Region of the Month" winner for June and December 2003.

The **Central Region** has been awarded Second Honorable Mention. The Region deserves this Award for their achievements, including a vigorous membership campaign and hosting numerous technical meetings that have drawn many new student members. With this effort the Central Region has exceeded the Student Membership goal by 17%. Among its many activities, The Region has provided scholarships, opened an ASPRS Library/reading room, published six informative and colorful newsletters, and produced an up-to-date website.

Purpose: The Region of the Year Award was established in 1968 to recognize excellence at the regional level in providing service to the members and to the profession at large.

Donor: ASPRS

The Region of the Year Award includes a hand engrossed certificate and possession of the Region of the Year banner for one year for the winner and certificates for first and second honorable mention.

Region Of The Year Award continued

Past Award Recipients:

	Region of the Year	1st Honorable Mention	2nd Honorable Mention
1968	St. Louis Region	No Award	No Award
1969	Potomac Region	No Award	No Award
1970	Columbia River Region	Central New York Region	Potomac Region
1971	St. Louis Region	Rocky Mountain Region	Great Lakes Region
1972	Texas-Louisiana Region	Great Lakes Region	Florida Region
1973	Great Lakes Region	St. Louis Region	Rocky Mountain Region
1974	Alaska Region	Florida Region	Rocky Mountain Region
1975	Florida Region	St. Louis Region	Florida Region
1976	Panama Canal Reg.	Alaska Region	Rocky Mountain Region
1977	Puget Sound Region	Rocky Mountain Region	Georgia/S.Carolina Region
1978	St. Louis Region	Rolla Region	St. Louis Region
1979	Rocky Mountain Region	Rocky Mountain Region	Puget Sound Region
1980	Panama-Central America Region	Potomac Region	Rocky Mountain Region
1981	Eastern Great Lakes Region	Rocky Mountain Region	St. Louis Region
1982	Potomac Region	St. Louis Region	Rocky Mountain Region
1983	Potomac Region	Rocky Mountain Region	Central New York Region
1984	Intermountain Region	Central New York Reg.	Mid-South Region
1985	Alaska Region	Potomac Region	Mid-South Region
1986	Potomac Region	Potomac Region	Mid-South Region
1987	Potomac Region	Texas-Louisiana Region	Rocky Mountain Region
1988	Northern California Region	Florida Region	Florida Region
1989	Northern California Region	Puget Sound Region	E. Great Lakes Region
1990	Northern California Region	Columbia River Region	North Atlantic Region
1991	Potomac Region	Potomac Region	Mid-South Region
1992	Florida Region	Florida Region	E. Great Lakes Region
1993	Florida Region	Potomac Region	Northern California Region
1994	St. Louis Region	Rocky Mountain Region	Puget Sound Region
1995	Puget Sound Region	Puget Sound Region	Mid-South Region
1996	Central New York Region	Columbia River Region	Florida Region
1997	Central New York Region	Puget Sound Region	Florida Region
1998	Potomac Region Region	Potomac Region	Columbia River Region
1999	Florida Region	Rocky Mountain Region	Central Region
2000	Potomac Region	Potomac Region	North Atlantic Region
2001	Potomac Region	Columbia River Region	Columbia River Region
2002	Rocky Mountain Region	Rocky mountain Region	Central Region
2003	Rocky Mountain Region	Potomac Region	
		Central New York Region	

Region Newsletter of the Year Award

2004 Recipients

First Place: ***The Rocky Mountain Compiler***
Second Place: ***The Central Region Newsletter***
Third Place: ***Wavelengths (the Columbia River Region)***

The Rocky Mountain Compiler, first place winner of the Region Newsletter of the Year award, is a very informative, easy to read, colorful, eight-page publication. This publication contains many important concerns of the region as well as for ASPRS National, such as meetings, calendar events, membership, Certification programs, and Scholarships. They do an excellent job of keeping their members abreast of all events.

The Central Region Newsletter is a beautiful and colorful bulletin (published six times in 2003) and contains important news on student chapters, regional technical presentations, panel discussions on such important topics as Licensing and Certification, and information on the ASPRS Membership drive.

Wavelengths, the Columbia River Region newsletter is the third place winner. This informative newsletter covers National and Regional news and reports on important issues such as the ASPRS workshop on Preparing for Certification, and provides information on Remote Sensing Update. Spotlighting Student Chapters and new members all add up to a publication that reflects the Region's dedication to its members.

Purpose: The Society first bestowed this award in 1980 to recognize excellence of the Region in providing service to the members and to the profession at large through publication of a newsletter.

Donor: ASPRS

The Newsletter of the Year Award includes a hand engrossed certificate.

Past Award Recipients:

	1st Place	2nd Place	3rd Place
1980	Rocky Mountain Region		
1981	Potomac Region		
1982	Rocky Mountain Region		
1983	Potomac Region		
1984	Mid South Region	Potomac Region	
1985	Florida Region	Central New York Region	Central New York Region
1986	Florida Region	Potomac Region	Potomac Region Puget Sound Region Mid-South Region
1987	Potomac Region	Florida Region	Mid-South Region Columbia River Region

Region Newsletter Of The Year Award continued

Past Award Recipients:

	1st Place	2nd Place	3rd Place
1988	Puget Sound Region	E. Great Lakes Region	Florida Region Mid-South Region
1989	Columbia River Region	North California Reg.	Mid-South Region Florida Region
1990	Central New York Reg.	Florida Region	Columbia River Region Rocky Mountain Region
1991	Rocky Mountain Region	Columbia River Region Florida Region	Mid-South Region Puget Sound Region
1992	Rocky Mountain Region	Potomac Region	Florida Region
1993	Rocky Mountain Region	Potomac Region	Columbia River Region
1994	Rocky Mountain Region	Columbia River Region	New England Region
1995	Puget Sound Region	Florida Region	Rocky Mountain Reg
1996	Columbia River Region	Florida Region	Rocky Mountain Reg
1997	Potomac Region	Florida Region	Central New York Re
1998	Potomac Region	Rocky Mountain Region	Columbia River Reg
1999	Potomac Region	Columbia River Region	Puget Sound Region
2000	Potomac Region	Columbia River Region	Central Region
2001	Rocky Mountain Region	Potomac Region	Central Region
2002	Potomac Region	Rocky Mountain Region	Central Region
2003	Central New York Region	Rocky Mountain Region	Central Region

Region Website of the Year Award

2004 Recipients

First Place: **Saint Louis Region**
Second Place: **Potomac Region**
Third Place: **Rocky Mountain Region**

The **Saint Louis Region** web site is rich in content and provides current information about region activities to its members. The mission of the ASPRS is to advance knowledge and improve understanding of mapping sciences and to promote the responsible applications of photogrammetry, remote sensing, geographic information systems (GIS), and supporting technologies. This website is provided to help accomplish that mission within the St. Louis Region. Russ Tiensvold is the Web Page Editor. (URL <http://www.asprs.org/st-louis>)

The **Potomac Region** of the ASPRS serves the States of Pennsylvania (primarily the southeastern and central sections), Maryland, Delaware, the District of Columbia, Virginia, and North Carolina. The mid-Atlantic area served by the Potomac Region is extensively involved with advanced technology research and development and long-range program and policy development that has a significant impact on the collection and availability of spatial data. The Region's programs, represented on their website, help to promote and support these activities. Richard K. Campbell is the Web Master (URL <http://www.asprspotomac.org/>)

The **Rocky Mountain Region**, serving Montana, Wyoming, Colorado, and New Mexico provides unique web site content and an interesting interface. In addition, the Rocky Mountain Region web site promotes the annual GIS in the Rockies meeting and highlights student activities in the region through the Region Chapters – the Colorado State University Geospatial Information Club and the Rio Grande Chapter. Sheila Pelczarski is the Rocky Mountain Region Web Page Editor. (URL <http://www.asprs-rmr.org>)

Purpose: The Region Website of the Year Award serves to recognize excellence among the regions in providing service to members and to the profession at large through web site publication.

Donor: ASPRS

The Region Website of the Year Award includes hand-engrossed certificates for all winners.

Past Award Recipients:

2003
Rocky Mountain Region
St. Louis Region
Central New York Region

Presidential Citations

2004 Recipients:

George Hepner, University of Utah

Charles Mondello, Pictometry Inc.

Ray Williamson, The George Washington University

for their exemplary work in documenting and publishing, in the January issue of *PE&RS*, the results of the 10-year Remote Sensing Industry Forecast, Phases I - III.

Rae Kelley, ASPRS Production Manager

for her work on the production of the Manual of Photogrammetry, 5th Edition

Carol Lauer

for her overall support for all presidential activities and for her help in hosting the many ASPRS guests at various official functions, as well as with her many family commitments.

Mike Renslow, Spencer B. Gross, Inc.

for his supervision of the implementation of the Technologist Certification program.

Purpose: First awarded in 1992, Presidential Citations are presented by the ASPRS President to members of ASPRS and other societies, family members, and friends in recognition of special, personal, and meritorious contributions to the operation or advancement of the Society and its interests during the presidential year.

Donor: ASPRS

The Presidential Citation is a hand-engrossed certificate.

Past Award Recipients:

1992

Albert J. Fleig
Kelly Pecnick
Peggy Salomonson

1993

Jeanette Albany
Thomas K. Budge
Kay Hauer
Michael Inglis
Marilyn Morain
LaMonte J. Urban

1994

Victoria Z. Greve
Gayle Ann Vasquez

1995

Mary M. Magee
Beth M. Nyquist
Gretchen M. Nyquist
Ralph R. Root
Susan C.F. Stitt
Michael H. Story

1996

Marsha M. Jensen
Halkard E. Mackey, Jr.

1997

Maria P. Volpe
Carl J. Gray
Joe H. Cary

1998

Tina K. Cary
Thomas M. Lillesand
Michael S. Renslow
ASPRS Staff

1999

Roger R. "Sky"
Chamard
Patricia Northcutt
Roger E. Crystal
Marilyn O'Cuillinn
Alan R. Stevens
Stanley A. Morain
Marcia Verhage
Jonathan Chipman

James Gage

Ralph Kiefer
Trese Lillesand
*PE&RS Associate
Editors*

Ann Maclean
James W. Merchant
Peggy Agouris
Louis A. Lapine
Karen Schuckman
William J. Campbell
Donald L. Light
Roger R. "Sky"
Chamard
Patricia Northcutt
Floyd M. Henderson
Michael Hodgson
Kamlesh Lula
Stuart E. March
William J. Ripple
Stephen Yool

2000

Allen E. Cook
Kass Green
John T. Boland
Joyce Foresman
George F. Gross
Roy R. Mullen
Timothy W. Foresman
Donald T. Lauer
Douglas H. Fuller
Linda Renslow
DC 200 Annual
Conference
Management

2001

John J. Doody
Jeff Sano
Diane Mikuni
Trish Foschi
Kim Tilley
Lawrence Friedl
Ron Rabin
Lester Garvin
Charlie Mondello

Tom Lillesand
Barbara Brodtman

2002

Martin Wills
Mary Clawson
Phani Chlikuri
John Hohol
Cheryl McMurray
Al Stevens
Predeara Hepner
Jan Gervin

2003

James Sturdevant
Thomas Palmerlee
Stanley Morain
Charles Mondello
Wayne Valentine
Ann MacLean
Julie Keating
Mike Renslow
Martin Flood
Amy Budge

ASPRS/IGIF Student Travel Grant

2004 recipients:

Steven Lennartz and Michele Baum

Steven Lennartz is a graduate student from the University of New Hampshire. His professional goal is to pursue a career in the application of remote sensing and GIS technology to natural resource management, specifically to issues involving ecosystem management and environmental monitoring. He hopes to showcase his research for his Master's degree and to network with a cross-section of professionals from private industry, academia, and government.

Michele Baum will be presenting a paper entitled "Investigating the Use of Static GPS, RTK, and Differential Leveling for Measuring Orthometric Heights" at this year's conference. This is the first conference that she has been able to attend and she's hoping for feedback to help refine her ideas, improve her presentation skills, and help prepare for her thesis defense. As she states, "For the past year and a half, I have been focusing mainly on the technology itself. I have not had the opportunity to explore its applications in any depth. Attending the conference would give me an opportunity to see some of the ways that the technology is applied to real-life issues... and could open doors for my future."

ASPRS, as a member organization of The International Geographic Information Foundation (IGIF) may select qualified students to attend the ASPRS Annual Conference with financial support from IGIF. ASPRS/IGIF provides **two grants** of \$500 each to two qualifying students in support of airfare and lodging. The grant also includes a one-year student membership in ASPRS with all associated privileges and a complimentary conference registration for the selected students provided they volunteer to help at the conference. The grants were first awarded in 2003.

Purpose: the intent of this program is to increase student exposure to the respective professions identified with each of the member organizations of IGIF, and to encourage continued student identification with and membership in, a national professional organization.

Past Award Recipients:

2003

Thomas Kirk
Rebecca Forest Musy



ASPRS Fellow Award

2004 Recipients:

**AMELIA MARIE BUDGE , CLIVE FRASER, PAUL F. HOPKINS (1955-2003),
and ELIAS JOHNSON**

AMELIA MARIE BUDGE

Ms. Amelia (Amy) Budge graduated from the University of New Mexico (UNM) Department of Geography in 1975 with a BA degree, taking a position as a customer service representative at UNM's Earth Data Analysis Center (EDAC), Photo Dissemination Program. As manager of the Program grew it from a modest self-supporting function into an internationally recognized active archive for Gemini, Apollo, Skylab, Apollo-Soyuz, Space Shuttle (STS), and historical aerial photography. She represented New Mexico in the National Cartographic Information Center (NCIC) and its successor Earth Science Information Center (ESIC). As Manager of EDAC's Clearinghouse Services during the 1980s and 1990s she inaugurated strategic and tactical improvements in the scope of activities and range of services that have become standard practices in several federal, state, and privately operated active archives for imagery and maps. She instituted mechanisms by which the operation recovered the costs of filling user requests.

For 27 years Budge has been involved in many of EDAC's geospatial projects and is currently serving as Deputy Director of EDAC, managing major NASA, DOT, and FGDC projects. She is team leader for EDAC's NASA *Earth Science Information Partner (ESIP)* project and is coordinating development of an Internet accessible, data delivery system that is interoperable with other NASA ESIPs, and that provides information and data from a broad spectrum of satellite sensors and platforms to local and regional resource managers. She has been an active participant on the ESIP Federation Interoperability, Outreach, and Metrics Committees. She is also the project coordinator for EDAC's National Consortium for Remote Sensing in Transportation for Security, Safety, Hazards, and Disaster Assessment, funded by U.S. DOT. Mrs. Budge has served as Principal Investigator and project manager on six projects funded by the Federal Geographic Data Committee (FGDC) to develop metadata for GIS data, establish an Internet clearinghouse node, conduct metadata training workshops, and inaugurate a web mapping service capability compliant with the Open GIS Consortium's web mapping specifications.

She was appointed by the Secretary of the Department of Interior to serve on an the *National Satellite Land Remote Sensing Data Archive (NSLRSDA)* Committee, which advises the Secretary on issues related to long-term archiving of Earth-oriented satellite data. Budge is one of the founding members and past President of the New Mexico Geographic Information Council (NMGIC), she currently serves as Vice-President and a Board member. She also represents the State of New Mexico on the National States Geographic Information Council (NSGIC). Ms. Budge is experienced in organizing and conducting workshops, seminars, and meetings, and has participated in organizing several national and regional conferences.

Budge's activities in the American Society for Photogrammetry and Remote Sensing include:

(1) member of GISD; (2) past Director of GISD (1997-1999); (3) appointed Chair, Data Preservation and Archive Committee (1994-present), (4) Deputy Chair, ASPRS/ACSM Fall Conference and Exhibition, Albuquerque, 1992; (5) Co-Editor on *Earth Observing Platforms and Sensors*, Manual of Remote Sensing, 3rd Edition; (6) Delegate to the University Consortium for Geographic Information Science (UCGIS) during 1999 and 2000; (7) Technical Secretary, ISPRS Commission-I (2000-2004); and (7) Member of the Technical Program Committee, ASPRS Pecora-15/ISPRS Commission-I Conference, Denver, CO, 2002.

CLIVE FRASER

Professor Clive Fraser is currently a Professor in the Dept. of Geomatics at The University of Melbourne. Fraser received his Bachelors in Applied Science (photogrammetry & surveying) from Curtin University, Perth, and his Masters in Surveying Science, University of South Wales, both in Australia. He received his PhD in photogrammetry from the University of Washington in the US. Clive's particular areas of interest are in digital photogrammetric mapping, industrial photogrammetric measurement systems and the exploitation of high-resolution satellite imagery for geospatial information generation. On the industry side, he is involved with the development of innovative image-based spatial IT products and he served in a part-time capacity from 1998 – 2001 as Technical Director of Geomatic Technologies Pty Ltd, a spatial information company based in Melbourne. Prior to his current appointments, Fraser served as Reader and Head of the Department of Geomatics from 1993 to mid 1998, and prior to joining the University of Melbourne he was for 10 years Vice President of Geodetic Services, Inc. in Florida, the World's leading company in industrial photogrammetric systems and services.

Fraser is a Fellow of the Australian Academy of Technological Sciences and Engineering and in recognition of his academic and professional work he has earned numerous international awards including the President's Medal and the President's Prize from the Photogrammetric Society of the UK. He is a Fellow of both The Photogrammetric Society and the Institution of Engineers Australia. Clive has a number of active international research and industry collaborations, and he serves as a consultant to industry in Australia, Japan, the US and Europe. He also serves on the Editorial Boards of four of the leading international journals dealing with photogrammetry and remote sensing and he has authored more than 200 publications.

Fraser was first Certified as a Photogrammetrist in 1986. He joined ASPRS as a PhD student in Seattle in 1977. In the same year he was awarded The Wild Heerbrugg Award by the Society, and in the following year he won the Bausch and Lomb Photogrammetric Award. This started a long and productive association with ASPRS. His contributions to the Society being most significantly related to its publications and research support activities. Most notably, he served as the Associate Editor of *Photogrammetric Engineering & Remote Sensing (PE&RS)* from 1987 to 1992, he authored one of the chapters in the ASPRS Manual of Non-Topographic Photogrammetry in 1989, and he is currently involved in writing two of the chapters for the forthcoming edition of ASPRS' *Manual of Photogrammetry*. Moreover, he has been an active reviewer for both *PE&RS* and selected ASPRS publications for more than 20 years. He has also served on selection committees for different ASPRS awards & has been active in technical program selection for ASPRS Technical Meetings, especially in regard to close-range photogrammetry. He has also received the Fairchild Photogrammetric Award, the Talbert Abrams Award (Grand Prize twice and Honorary Mention once), the Davidson President's Award for Practical Papers (three times: first, second and third place.) Since his first publication in *PE&RS* in 1980, Fraser has published a total of 20 scientific

papers in the journal and continues to contribute papers every year. In addition to these publications, he has presented papers at 16 ASPRS Annual and Fall Meetings since his first attendance at such a meeting in 1978. He has rarely missed an Annual Meeting since.

PAUL F. HOPKINS (1955-2003)

Dr. Paul F. Hopkins was a tenured professor at the School of Environmental Resources and Forest Engineering at the State University of New York College of Environmental Science and Forestry (SUNY ESF) and Director of ESF's Council for Geospatial Modeling and Analysis. Dr. Hopkins received his BS in Forestry from the University of Maine with Distinction in 1977, his MS in Environmental and Resource Engineering in photogrammetry and remote sensing in 1980, and his PhD in 1992 from the University of Wisconsin-Madison in digital photogrammetry and remote sensing.

Hopkins had a passion for teaching and he derived great pleasure in communicating the benefits of the mapping sciences to anyone who would listen. He was willing to teach everything from elementary surveying and map interpretation to advanced remote sensing and GIS. His research and consulting focused on the application of airborne and satellite imagery to forest management issues with a keen interest in geometric and radiometric integrity of remotely sensed data. He sought and received support for multiple sources including the U.S. Forest Service, National Science Foundation, NASA, NOAA, and many state and county agencies. He had close to 50 publications and presentations to his credit.

Hopkins was a hard working and energetic member and participant both nationally and locally in ASPRS since 1977 and was a Certified Photogrammetrist. His service included but was not limited to Chairmanship of the ASPRS Strategic Planning and Membership Committees and as a core and charter member of the Electronic Communications Committee. He was the National Director of the Central New York (CNY) Region, from 1987-93 and served on the Executive Committee from 1989-93. Hopkins was Vice President, and twice President of the CNY Region as well as a long time member of the Region Council. He regularly and actively participated in the ASPRS annual and regional meetings and helped establish and direct the New York State GIS Conference Co-sponsored by ASPRS and The CNY Region. He was instrumental in establishing the William Johnson Memorial Fund after Bill's untimely passing. Hopkins received the ASPRS Meritorious Service Award in 1990 & 93, the Ford Bartlett Award in 1992, was the first recipient of the Altenhofen Memorial Scholarship, and was the winner of the First Place Student Award from the Western Great Lakes Region.

Hopkins was also a member of the ACSM, the Society of American Foresters, and the American Society for Engineering Education. He was a 20year member of the Plymouth Congregational Church, UCC and a dedicated Boy Scout Leader. He was a Merit Badge Counselor for the Hiawatha Council for skiing, orienteering, surveying, forestry, and environmental sciences. At various times of the year one could hear about the many Scout outings that Hopkins and his sons experienced. An avid hiker and backpacker, Hopkins was a sports fan. He and his wife, Chris would pack all of their baby equipment, including coolers, to go and watch a Syracuse Chiefs game with babies in tow.

Those who new Hopkins and worked with him understood that he would take his family ski outings in the local hills each winter week. His e-mail signature "Live to Ski; Ski to Live"

was about Hopkins' whole philosophy on life — family, work, community. He lived to the fullest intertwining all his time, talents, and devotions. Hopkins is no longer with us, but let's hope that our profession never forgets everything he stood for.

ELIAS JOHNSON

Dr. Elias Johnson is completing a distinguished career of contributions to remote sensing and photogrammetry education, and is teaching his final semester as Professor of Geography, Department of Geography, Geology, and Planning at the Southwest Missouri State University (SMSU.) He received his Ph.D. in Geography from the University of Oklahoma in 1977 after earning Bachelor's and Master's degrees from Northern Illinois University. In addition to serving on the faculty at SMSU, he served as an Assistant Professor at St. Cloud State University in Minnesota.

Johnson has taught photogrammetry, remote sensing, aerial photography interpretation, cartography, and thematic mapping courses at both the graduate and undergraduate levels since 1977 at SMSU. He received numerous honoraria, research grants, and sabbatical leaves all related to his continued interest in the varied disciplines of geography and cartography. Johnson's research interests included land cover analysis using image processing and GIS, as well as advanced photogrammetric and remote sensing procedures for regional mapping. He has steadily published throughout his career including SMSU "in-house" as well as domestic and international publications. He participated in the ASPRS 2001 Gateway to the New Millennium Conference. He remains active in research as evidenced by his co-authored publication in the *Journal of Arid Environments* (accepted 2 April 2003). He has also co-authored a presentation at the American Geophysical Union Convention (December, 2003) and co-authored a chapter, Climate of North America, in the *Encyclopedia of Climatology* since his retirement. Elias was a primary developer of SMSU's Institute of Resource Planning and Management and served as a consultant to the City of Springfield on aerial photography interpretation issues.

Professor Johnson played a principal role in developing and modernizing the Cartography and Map Technology program at SMSU. He worked closely with U. S. Geological Survey and National Imagery and Mapping Agency personnel to design and modify the curriculum. He developed a cartography minor for the university in 1984. He works continuously with companies and individuals in the GIS industry to ensure his students are involved with state-of-the-art techniques, processes, materials, and equipment.

For more than 30 years, Johnson provided support and assistance to ASPRS and the State of Missouri in advancing applications of the mapping sciences. He has demonstrated continued long-time service to ASPRS, and has won ASPRS' Ford Bartlett Membership Award five times. He served on the society's Student Activities Committee for three consecutive years. Professor Johnson was also instrumental in establishing the SMSU Student Chapter, Central Region of ASPRS in 1986 and served as faculty advisor for a dozen years. He served as the faculty sponsor of the campus Environmental Education Committee and Gamma Theta Upsilon (GTU — an international honor society in geography) for three years each – both of which use advanced geospatial information technology. In 1989, the Rolla Region (now the Central Region) honored Johnson with the Outstanding Member Award. In addition to ASPRS, Johnson is a member of GTU, Association of American Geographers, The Remote Sensing Society, Missouri Academy of Science, and the Missouri Geographic Society.

ASPRS Fellow Award continued

Purpose: Started in 1992, the designation of Fellow is conferred on Society members who have been active for a total of at least ten years and who have performed exceptional service in advancing the science and use of the mapping sciences and related disciplines. It is awarded for professional excellence and for service to the Society.

Donor: ASPRS

The ASPRS Fellow Award includes a hand-engrossed certificate.

Past Award Recipients:

1992

Charles H. Andregg
Marion F. Baumgardner
Robert N. Colwell
David A. Landgrebe

1993

No Award

1994

Raymond M. Batson
John E. Estes
Roger M. Hoffer
Thomas M. Lillesand
Vincent V. Salomonsen

1995

Enzo Becia
William S. Cadzow, Jr.
Richard O. Mahan
Robert F. McGivern
Roy R. Mullen
Rupert B. Southard
Alan R. Stevens
Hans J. Wehrli
Roy A. Welch

1996

James B. Campbell
Janet D. Degner
Clifford W. Greve
Jonathan C. Hescocock
James W. Merchant
Stanley A. Morain
Marilyn M. O’Cuilinn
Ronald J. Ondrejka
John R. Ray
William J. Ripple
Donald R. Wiesnet

1997

Abraham Anson
Terrence J. Keating
Ralph W. Kiefer
Dean C. Merchant
Maurice O. Nyquist
Warren R. Philipson
James V. Taranik

1998

John R. Jensen
Charles E. Olson, Jr.
Robert A. Ryerson
Alan Voss
Paul R. Wolf

1999

Tina K. Cary
John F. Kenefick
James R. Lucas
Merle P. Meyer
Peter A. Murtha

2000

Marvin E. Bauer
Walter E. Boge
Roger R. “Sky” Chamard
Chris J. Johannsen
Donald L. Light
Williams W. Mendenhall

2001

Robert H. Brock, Jr.
Roger E. Crystal

2002

Charles J. Finley
John G. Lyon
Michael S. Renslow

2003

Daniel L. Civco
David F. Maune

Boeing Autometric Award for Best Paper in Image Analysis and Interpretation

2004 Recipients:

Paul C. Sutton, Chris Elvidge, and Tom Obremski

For their paper, "Building and Evaluating Models to Estimate Ambient Population Density" (*PE&RS*; 69-5, pp 545-552).

Purpose: Established in 1965 as the Autometric Award, this grant recognizes development and achievement in the field of photographic interpretation through special acknowledgment of superior publications on the various aspects of imagery analysis and interpretation.

Donor: Boeing Autometric, Inc.

The Award includes an inscribed certificate, and cash award of \$500.

Past Award Recipients:

1965 John T. Smith	1975 Kalman Vizy Robert G. Reeves	1983 Ronald J. Brown F.J. Ahern K.P.B. Thompson K. Staenz J. Cihlar C.M. Pearce S.F. Klumph	1990 Jeff R. Harris Richard Murray Tom Hirose	1997 Lucien Wald Thierry Ranchin Mark Mangolini
1966 William A. Fischer R.M. Moxham Glenn H. Landis F. Polcyn	1976 Nenad Spoljaric Robert R. Jordan Robert E. Sheridan	1984 Eric P. Crist Richard C. Cicone	1991 David J. Campagna Donald W. Levandowski	1998 no award given
1967 William J. Schneider	1977 William Finch, Jr. Stanley Freden Paul Lowman Nicholas Short	1985 Compton J. Tucker C.L. Vanpraet M.J. Sharman G. Van Ittersum	1992 Kurt Novak	1999 Mark J. Carlotto
1968 Norman L. Fritz	1978 Hugh R. Balkwill	1986 William A. Befort Special Autometric Award: The National Geographic Society	1993 Randolph L. Ferguson Lisa L. Wood Douglas B. Graham	2000 John B. Collins Curtis E. Woodcock
1969 H.E. Holt	1979 John Welsted	1987 Christopher Stohr W.J. Su P.B. DuMontelle R.A. Griffin	1994 Prasad S. Thenkabail Andrew D. Ward John G. Lyon Carolyn J. Merry	2001 Paul Treitz Philip Howarth
1970 Frank B. Silvestro	1980 Charles Elachi	1988 David B. Nash	1995 John R. Jensen Ken Rutchey Marguerite S. Koch Sunil Marumalani	2002 Mark E. Jakubauskas David R. Legates Jude H. Kastens
1971 Robert L. Mairs	1981 Alexander F.H. Goetz Lawrence C. Rowan	1989 Andrew K. Skidmore	1996 Michael Abrams Remo Bianchi Dave Pieri	2003 Youngsinn Sohn N. Sanjay Rebello
1972 Edward F. Yost Sondra Wenderoth	1982 John F. McCauley G.G. Schaber C.S Breed M.J. Grolier B. Issawi C. Elachi R. Blom C.V. Haynes			
1973 Kenneth R. Piech John E. Walker				
1974 Malcolm R. Specht D. Needler Norman L. Fritz				

The John I. Davidson President's Award for Practical Papers

2004 Recipients:

1st place - Ross Nelson, Geoffrey Parker, and Milton Hom

for their paper, "A Portable Airborne Laser System for Forest Inventory." (*PE&RS*; 69:3, pp 267-273)

2nd place - Marco Albani and Brian Klinkenberg

for their paper, "A Spatial Filter for the Removal of Striping Artifacts in Digital Elevation Models" (*PE&RS*; 69:7, pp 755-765)

3rd place - DongMei Chen and Douglas Stow

for their paper, "Strategies for Integrating Information from Multiple Spatial Resolutions into Land Use/Land Cover Classification Routines" (*PE&RS*; 69:11, pp1279-1287)

Purpose: The John I. Davidson Award was established in 1979 to encourage and commend individuals who publish papers of practical or applied value in Photogrammetric Engineering & Remote Sensing.

Donor: International Geographic Information Foundation

The John I. Davidson Award First Prize includes an engraved pewter tankard, a cash award of \$500 and a hand-engrossed certificate. Second Prize is a cash award of \$300 and a hand-engrossed certificate. Third Prize is a cash award of \$200 and a hand-engrossed certificate.

Past Award Recipients:

1979

1st Prize - Jon S. Beazley
2nd Prize - William H. Young,
Douglas M. Isbell
3rd Prize - Terry W. Gossard

1980

1st Prize -William P.
MacConnell, William R.
Niedzwiedz
2nd Prize -A.O. Quinn
3rd Prize -Joseph O. Danko,
Jr.

1981

1st Prize - Miltin L. Keene
2nd Prize - Clive S. Fraser,
Sandor A. Veress
3rd Prize -John R. Jensen,
John E. Estes, Larry Tinney

1982

1st Prize - Donald Karns
2nd Prize - Roger R.
Chamard
3rd Prize - Joachim K.
Hoehle, Alfred Jakob

1983

1st Prize - Herman H. Arp,
Jean C. Griesbach,
Joseph P. Burns
2nd Prize - Franz W. Leberl,
Dale Olson
3rd Prize -Lawrence W. Fritz

1984

1st Prize - B. F. Frazier, G. K.
Hooper
2nd Prize - Charles W. Dull,
William H. Clerke
3rd Prize - Peter O. Adeniyi
Gerald K. Moore,
Frederick A. Waltz

1985

1st Prize - Stephen A. Mundy
2nd Prize - Barry M. Evans,
Larry Mata
3rd Prize - John A. Thorpe

1986

1st Prize - J.C. Eidenshink
2nd Prize - Gerry Salsig
3rd Prize - William H. Klein

1987

1st Prize - Harold D. Moore,
Alan F. Gregory
2nd Prize - Donald I. Lauer
3rd Prize - Clive S. Fraser

1988

1st Prize - Horst H. Scholer
2nd Prize - Terrence
Keating, William Phillips,
Kevin Ingram
3rd Prize - William M.
Kovalick, Stephen W.
Wharton, Jeffrey A.
Newcomer

1989

1st Prize - Liping Di,
Donald C. Rundquist
2nd Prize - Robert C.
Maggio, Robert D. Baker
3rd Prize - Albert K. Chong,
Sandor A. Veress

1990

1st Prize - Paul H. Biggs, C.J.
Pearce, T.J. Westcott
2nd Prize - Hugh Archer,
Peter L. Crosswell
3rd Prize - Donald C.
Rundquist, Richard O.
Hoffman, Marvin P.
Carlson, Allen E. Cook

1991

1st Prize - William R.
Niedzwiedz
2nd Prize - Donald L. Light
3rd Prize - Gerry Salsig

1992

1st Prize - K.F. Adkins, John
G. Lyon
2nd Prize - Eugenia M.
Barnaba, Warren R.
Phillipson, Arlynn W.
Ingram, Jim Pim
3rd Prize -T.K. Koo, Y. B. Aw

Past Award Recipients:

1993

1st Prize - James L. Smith,
Jesse A. Logan, Timothy
G. Gregoire
2nd Prize - Dennis L. Heldeer,
Bruce K. Quirk, Joy Hood
3rd Prize - Paul M. Treitz,
Philip J. Howarth, Peng
Gong

1994

First Prize - Dean C.
Merchant
Second Prize - Russell G.
Congalton, Kass Green,
John Teply
Third Prize - Andrea M. Herr
Lloyd P. Queen

1995

First Prize - Mark Jadkowski,
Patrick Convery, Ronald
J. Birk, Shihjong Kuo
Second Prize - William S.
Warner
Third Prize - Gary J. Weils,
Richard J. Graf, Leann M.
Forister

1996

First Prize - Christopher B.
Mack, Stuart E. Marsh,
Charles F. Hutchinson
Second Prize - Richard A.
Pries
Third Prize - Jeffrey L.
Nugent

1997

First Prize - Allen E. Cook,
John E. Pinder, III
Second Prize - Joachim
Hohle
Third Prize - Christopher J.
Deckert, Paul V. Bolstad

1998

First Prize - Russell
Congalton
Second Prize - Ross S.
Lunetta, Brian Cosentino,
David Montgomery, Eric
Beamer, Timothy
Beechie
Third Prize - Elijah Ramsey, III,
Dal Chappell, Dan
Baldwin

1999

First Prize - Yehuda Afek,
Ariel Brand
Second Prize - Hamid Ebadi,
Michael A. Chapman
Third Prize - C.S. Fraser,
J. Shao

2000

First Prize - Donald Light
Second Prize - Michael
Boulianne, Clement
Nolette
Third Prize - Robert F. Doren,
Ken Rutchey, Roy Welch

2001

First Prize - John M. Hill, Lee
A. Graham, Robert J.
Henry
Second Prize - Richard
Sanders, Shigeko Tabuchi
Third Prize - Dale A.
Quattrochi, Jeffrey C.
Luvall, Douglas L.
Rickman, Maurice G.
Estes, Jr., Charles A.
Laymon, Burgess F.
Howell

2002

First Prize - Curt H. Davis,
Xiangyun Wang
Second Prize - Richard C.
Daniels
Third Prize - Albert H.J.
Christensen

2003

First Prize - Assaf
Anyamba, Kenneth J.
Linthicum, Robert
Mahoney, Compton J.
Tucker, Patrick W. Kelley
Second Prize - Fabio Maselli
Third Prize - B. Guindon, C.
M. Edmonds

Leica Geosystems Award for Best Scientific Paper in Remote Sensing

2004 Recipients:

1st Place - John Rogan, Jennifer Miller, Doug Stow, Janet Franklin, Lisa Levien and Chris Fischer for "Land-Cover Change Monitoring with Classification Trees Using Landsat TM Ancillary Data" (*PE&RS*; 69-7, pp 793-804)

2nd Place - Annemarie Schneider, Mark A. Friedl, Douglas K. McIver and Curtis E. Woodcock for "Mapping Urban Areas by Fusing Multiple Sources of Coarse Resolution Remotely Sensed Data" (*PE&RS*; 69-12, pp 1377-1386)

3rd Place - Ling Bian for "Retrieving Urban Objects Using a Wavelet Transform Approach" (*PE&RS*; 69-2, pp 133-141)

Purpose: Established in 1991 as the ERDAS Award for Best Scientific Paper in Remote Sensing, it became the Leica Geosystems Award for Best Scientific Paper in Remote Sensing in 2002. This award encourages and commends individuals who publish papers of scientific merit that advance our knowledge of remote sensing technology.

Donor: Leica Geosystems, Inc.

The Leica Geosystems Award first prize is \$500 and a hand-engrossed certificate; second prize is \$300 and a hand-engrossed certificate; third prize is \$200 and a hand-engrossed certificate.

Past Award Recipients:

1992

Haluk Cetin, Donald W. Levandowski

1993

1st Place: Pat S. Chavez, Jr.
2nd Place: Peng Gong, Philip J. Howarth
3rd Place: Dennis L. Helder, Bruce K. Quirt, Joy J. Hood

1994

1st Place: Jesslyn F. Brown, Thomas R. Loveland, James W. Merchant, Bradley C. Reed, and Donald O. Ohlen
2nd Place: Jean-Pierre Djamdjji, Albert Bijaoui, and Roger Manicre

1995

1st Place: Sucharita Gopal and Curtis Woodcock
2nd Place: Thomas A. Stone, Peter Schlesinger, Richard A. Houghton, and George Woodwell
3rd Place: Daniel G. Brown and Thaddeus J. Barra

1996

1st Place: Zhenkui Ma and Roland L. Redmond
2nd Place: Donald E. Luman and Minhe Ji

1997

1st Place: M. J. Barnsley and S.L Barr
2nd Place: (tie) Bruno Garguet-Duport, Jacky Girel, Jean Marc Chassery, Gut Patou, David A. Yocky
3rd Place: Soren Ryherd and Curtis Woodcock

1998

1st Place: Aram Mika
2nd Place: William K. Houhoulis
3rd Place: Ross Lunetta, Brian Cosentino, David R. Montgomery, Eric M. Beamer, and Timothy Beechie

1999

1st Place: Vincent Ambrosia, Sally Buechel, James Brass, James Peterson, Richard Davies, Ronald Cain, and Steve Spain
2nd Place: John Mickelson, Jr., Daniel J. Civco, and John Silander
3rd Place: (tie) J.E. Vogelmann, T. Sohl, and S.M. Howard
Patrick J. Bresnehan

2000

1st Place: Stephen J. Walsh, Tom P. Evans, William F. Welsh, Barbara Entwistle, and Ronald R. Rindfuss.
2nd Place: Youngsinn Sohn, Emilio Moran, and Francisco Gurri.
3rd Place: M.K. Crombie, R.R. Gillies, R.E. Arvidson, P. Brookmeyer, G.J. Weil, M. Sultan, and M. Harb.

2001

1st Place: Thierry Ranchin and Lucien Wald

2nd Place: Albert J. Peters, Steven C. Griffin, Andrés Viña, and Lei Ji
3rd Place: Joseph E. Means, Steven A. Acker, Brandon J. Fitt, Michael Renslow, Lisa Emerson, and Chad Hendrix

2002

1st Place: Jeong Chang Seong and E. Lynn Usery
2nd Place: Jonathan Cheung-Wai Chan, Kwok-Ping Chan, and Anthony Gar-On Yeh.
3rd Place: Brian G. Frizzelle and Aaron Moody

2003

1st Place: Simon Brooker, Simon I. Hay, Louis-Albert Tcheum Tchuente and Raoul Ratard
2nd Place: Nathaniel A. Brunzell and Robert R. Gillies
3rd Place: Barry N. Haack, Elizabeth K. Solomon, Matthew A. Bechdol and Nathaniel D. Herold

The ESRI Award for Best Scientific Paper in GIS

2004 Recipients:

1st Place - Anthony Gar-On Yeh and Xia Li for their paper, "Simulation of Development Alternatives Using Neural Networks, Cellular Automata, and GIS for Urban Planning" (*PE&RS*; 69-9, pp.1043-1052)

2nd Place - Lucie Plourde and Russell G. Congalton for their paper, "Sampling Method and Placement: How Do They Affect the Accuracy of Remotely Sensed Maps?" (*PE&RS*; 69-3, pp.289-297)

3rd Place - Ross S. Lunetta, Jayantha Ediriwickrema, John Iames, David Johnson, John G. Lyon, Alexa McKerrow, and Andrew Pilant for their paper "A Quantitative Assessment of a Combined Spectral and GIS Rule-Based Land-Cover Classification in the Neuse River Basin of North Carolina" (*PE&RS*; 69-3, pp.299-310)

Purpose: Established in 1991, the ESRI Award honors individuals who publish papers of scientific merit that advance our knowledge about GIS technology.

Donor: Environmental Systems Research Institute, Inc. (ESRI)

ESRI Award first prize is \$500 and a hand-engrossed certificate; second prize is \$300 and a hand-engrossed certificate; third prize is \$200 and a hand-engrossed certificate.

Past Award Recipients:

1992

James A. Zack,
Richard A. Minnich

1993

1st Place: Peter F. Fisher
2nd Place: David M. Stoms, Frank W.
Davis, Christopher B. Cogan

1994

1st Place: Eric R. Olsen, R. Douglas
Ramsey, and David S. Winn
2nd Place: Paul A. Sorensen and David
P. Lanter
3rd Place: Richard Aspinall and Neil Veitch

1995

1st Place: Harlan J. Onsrud
2nd Place: Michael D. Gould
3rd Place: Frank J. Krist, Jr., Xavier R.
Lopez, Daniel G. Brown

1996

1st Place: John H. Lowry, Jr., Harvey J.
Miller, George F. Hepner
2nd Place: J. Ronald Eastman, Weigen
Jin, Peter Kyem, James Toledano
3rd Place: David J. Cowen, John R.
Jensen, Patrick J. Bresnahan, Geoffrey
B. Ehler, Derek Graves, Xueqiao Huang,
Christ Wiesner, Halkard E. Mackey, Jr.

1997

1st Place: Jiang Zhou, Daniel L. Civco
2nd Place: Andrew K. Skidmore, Fiona
Watford, Paison Luckananurug, P. J.
Ryan
3rd Place: Molly B. Sperduto, Russell G.
Congalton, Thomas R. Allen,
Stephen J. Walsh

1998

1st Place: Xueqiao Huang, John R.
Jensen
2nd Place: Russell G. Congalton
3rd Place: Jacek S. Blaszczynski

1999

1st Place: Paolo Gamba, Fabio Casciati
2nd Place: John R. Jensen, Joanne N.
Halls, Jacqueline Michel
3rd Place: Mark V. Finco, George F.
Hepner

2000

1st Place: Dean Whitman, Timothy
Gubbles, Linda Powell
2nd Place: Michael J. Shuft, Thomas J.
Moser, P.J. Wigington, Don L.
Stevens, Lynne S. McAllister,
Shannen S. Chapman, Ted L. Ernst
3rd Place: Shunfu Hu

2001

1st Place: Chester L. Arnold, Jr., Daniel
L. Civco, Michael P. Prisloe, Jr.,
James D. Hurd, Joel W. Stocker
2nd Place: David J. Cowen, John R.
Jensen, Chad Hendrix, Mike
Hodgson, Steven R. Schill, Frank
Macchiaverna
3rd Place: James T. Gunter, Donald G.
Hodges, Christopher M. Swalm,
James L. Regens

2002

1st Place: Xincheng Zhang, Yeqiao
Wang
2nd Place: Maria Jose Perestrello de
Vasconcelos, Sara Silva, Margarida
Tome, Margarida Alvim, Jose
Miguel Cardoso Pereira
3rd Place: Xia Li, Anthony Gar-On Yeh

2003

1st Place: Daniel L. Civco, James D.
Hurd, Emily Hoffhine Wilson, Chester
L. Arnold, and Michael P. Prisloe, Jr.
2nd Place: Jeanne Epsten, Karen
Payne, Elizabeth Kramer
3rd Place: Mary C. Henry, Stephen R.
Yool

Talbert Abrams Award

2004 Recipients:

Grand Award: Arie Croitoru and Yerach Doytsher, "Monocular Right-Angle Building Hypothesis Generation in Regularized Urban Areas by Pose Clustering" (*PE&RS*; 69-2, pp.151-169)

First Honorable Mention: Jacek Grodecki and Gene Dial, "Block Adjustment of High-Resolution Satellite Images Described by Rational Polynomials" (*PE&RS*; 69-1, pp. 59-70)

Second Honorable Mention: Ayman F. Habib, Young-ran Lee and Michel Morgan, "Automatic Matching and Three-Dimensional Reconstruction of Free-Form Linear Features from Stereo Images" (*PE&RS*; 69-2, pp. 189-197)

Purpose: The Talbert Abrams Award was established in 1945 to encourage the authorship and recording of current, historical, engineering, and scientific developments in photogrammetry. The Award is determined from papers published in *Photogrammetric Engineering & Remote Sensing*.

The Talbert Abrams Grand Award includes a plaque and \$5,000. The First Honorable Mention consists of a plaque and \$2,000. The Second Honorable Mention consists of a plaque and \$1,000.

Donor: Talbert and Leota Abrams Foundation

Past Award Recipients:

1945

Revere G. Sanders

1946

Duane F. Lyon

1947

William T. Pryor

1948

William E. Harman

1949

Irvine C. Gardiner

1950

Morris M. Thompson

1951

Frank A. Melton

1952

Everett L. Merritt

1953

Duncan E. MacDonald

1954

Robert N. Colwell

1955

Paul Rosenberg

1956

1. Francis E. Washer
2. Bertil Hallert
3. Sylvester P. Gray, Jr.

1957

1. J.E. King
2. Gomer T. McNeil
3. Arthur J. McNair

1958

1. L.L. Funk
2. Robert H.L. Howe
3. Alfred J. Watson

1959

1. George H. Rosenfield
2. Edmund S. Massie, Jr.
3. Houssarn M. Karara

1960

1. Roger F. Dwyer, Jr.
2. Konstantin Prestrecov
3. Duane C. Brown

1961

1. Dwin R. Craig
2. Iloussam M. Karara

3. Gomer F. McNeil

1962

1. R.W. Mann
2. Everett L. Merritt
3. Hellmut Schmid

1963

1. Daniel Levine
2. Morton Keller
3. Karl F. Moessner

1964

1. John T. Smith
2. Walter F. Boge
3. Gordon D. Moskowitz

1965

1. Hellmut Schmid
2. Duane F. Lyon
3. F.A. Fleming

1966

1. Francis E. Washer
2. Donald L. Light
3. Robert B. Forrest

1967

1. J. William Knauf
2. Ira B. Current
3. Manfred Duddek

1968

1. Duane C. Brown
2. Melvin J. Umbach
3. Patrick D. Fligor

1969

1. Gomer T. McNeil
2. Karl Rinner
3. Atef A. Ellassal

1970

1. Kam W. Wong
2. Abraham Anson
3. Paul R. Wolf

1971

1. Roy A. Welch
2. Joseph Pollio
3. Heinz Gruner

1972

1. Eugene E. Derenyi
2. Stanley II. Collins
3. Philip N. Slater

1973

1. Maurice E. Lalkrty
2. Merton E. Davies
3. Charles G. Peterson

1974

1. Dean C. Merchant
3. Guirguis Yassa

1975

1. Vladimir Kratky
2. G.H. Schut
3. George W. Erio

1976

1. David F. Maune
2. Philippe Hottier
3. Morton Keller

1977

1. Raymond J. Helmering
2. Duane C. Brown
3. Wendell D. Renner

1978

1. Milosh Benesh
2. Clifford J. Mugnier
3. Raymond D. Spencer

1979

1. Vladimir Kratky
2. Joseph O. Danko, Jr.
3. N.Y. Chu and P.E. Anuta

1980

1. Urho A. Rauhala
2. Clive S. Fraser
3. Salem E. Masry and Stuart MacRitchie

1981

1. Salem E. Masry
2. John P. Snyder
3. Stanley H. Collins

1982

1. P. Douglas Carman
2. John C. Trinder
3. Olubodun O. Ayeni

1983

1. Clive S. Fraser
2. Atef A. Ellassal
3. Thomas M. Lillesand

1984

1. John C. Trinder
2. Steven L. Richardson
3. James R. Lucas

1985

1. Armin W. Gruen
2. Manfred Elders
3. S.F. El-Hakim

1986

1. Sabxy El-Hakim
2. No Award
3. No Award

1987

1. James R. Lucas
2. Dan Rosenholm
3. No Award

1988

1. Uno (Uki) V. Helava
2. Clive S. Fraser
3. Mark R. Shortis

1989

1. John C. Trinder
2. Vladimir Kratky
3. Armin W. Gruen

1990

1. Tian-Yuan Shih
2. No Award
3. No Award

1991

1. Hans-Gerd Maas
2. No Award
3. No Award

1992

1. Torbjorn Westin
2. Christian Heipke
3. F. Raye Norvelle

1993

- K.P. Schwarz, M.A. Chapman, M.W. Cannon, and P. Gong

1994

1. Wolfgang Faig, James Olaleye

1995

1. Armin W. Gruen, Thomas Kersten
2. Kam W. Wong, Anthony G. Wiley
3. Susumu Hattori, Ye Myint

1996

1. Peggy Agouris, Tony Schenk

1997

NO AWARD GIVEN

1998

NO AWARD GIVEN

1999

NO AWARD GIVEN

2000

1. Albert Baumgartner, Carsten Steger, Helmut Mayer, Wolfgang Eckstein, Heinrich Ebner
2. Guoqing Zhou, Joerg Albertz, Klaus Gwinner
3. Jung-Sheng Hsia, Ian Newton

2001

1. Changno Lee, Henry J. Theiss, James S. Bethel, Edward M. Mikhail
2. C. Vincent Tao

2002

1. Ayman Habib, Devin Kelly
2. John Fryer, Kerry McIntosh
3. Mohammed M.R. Mostafa, Klaus-Peter Schwarz

2003

1. C. Vincent Tao, Yong Hu
2. Gustavo Olague
3. Hans-Gerd Maas, Zhuowen Tu, Rongxing Li

William A. Fischer Memorial Scholarship

2004 Recipient: **Carl J. Legleiter**

Carl J. Legleiter, currently a Ph.D. student with the Department of Geography at the University of California Santa Barbara, has been selected to receive the 2004 William A. Fischer Memorial Scholarship. Legleiter is being presented this award in recognition of his outstanding academic credentials and his very impressive record of research, publications, and service in applied remote sensing. Legleiter's research will apply high spectral and spatial resolution data, geostatistical analysis, and hydrologic modeling to examine channel dynamics and riverine ecology. The results of his work utilizing these new approaches should make an important contribution to our ability to apply remote sensing to the characterization, monitoring, and preservation of river systems. The Award Review committee wishes Mr. Legleiter much success and is confident that his current and future research efforts will continue to make important contributions to the remote sensing community.

Purpose: The William A. Fischer Scholarship facilitates graduate studies and career goals of a worthy student adjudged to address new and innovative uses of remote sensing data and techniques that relate to the natural, cultural, or agricultural resources of the Earth. It was established in 1984.

Donor: Individual and corporate contributions to the International Geographic Information Foundation in memory of William A. Fischer.

The William A. Fischer Memorial Scholarship consists of a \$2,000 cash prize and a hand-engrossed certificate.

Past Award Recipients:

1984 - Dean B. Gesch
1985 - Karen S. Wallace
1986 - Yalan Mao
1987 - Leal A.K. Mertes
1988 - Patrick A. Agbu
1989 - Rinita A. Dalan
1990 - Timothy A. Warner
1991 - Murat F. Veysolgu
1992 - Robert S. Dzur
1993 - Randolph H Wynne
1994 - Keith Croteau
1995 - Alfred Gonzalez
1996- Kate T. Lance
1997 - Yongwei Sheng
1998 - Heather McNairn
1999 - Christian E. Torgersen
2000 - John Rogan
2001 - Peter J. Doucette
2002 - Ludmila Monika Moskal
2003 - Bing Xu

Robert E. Altenhofen Memorial Scholarship

2004 Recipient: **Michel Morgan**

Michel Morgan is a doctoral candidate at the University of Calgary, Department of Geomatics Engineering, with a concentration on photogrammetry. He has an extremely strong background in theoretical and mathematical photogrammetry. He also has an exceptional list of refereed publications and was the lead author in seven proceedings papers. He provided an excellent proposal for continuing studies, and has excellent faculty references including his faculty advisor, Associate Professor Dr. Ayman Habib.

Purpose: First given in 1986, the Robert E. Altenhofen Memorial Scholarship is intended to encourage and commend college students who display exceptional interest and ability in the theoretical aspects of photogrammetry.

Donor: The Late Robert E. Altenhofen and Family

The Altenhofen Scholarship consists of a cash prize of \$2,000 and a hand-engrossed certificate.

Past Award Recipients:

1986 - Paul F. Hopkins
1987 - No Award
1988 - Anthony Stefanidis
1989 - Byung-Guk Kim
1990 - Benton E. Anderson
1991 - Raad A. Saleh
1992 - Raad A. Saleh
1993 - Weiyang Zhou
1994 - Thomas Lobonc, Jr.
1995 - Hazem F. Barakat
1996 - Chuang Tao
1997 - Lindi J. Quackenbush
1998 - James D. Carswell
1999 - Qihai Weng
2000 - Panayotis Partsinevelos
2001 - Iliana Theodoropoulou
2002 - Young Hu
2003 - Cameron Ellum

Ta Liang Memorial Award

2004 Recipient: **Ryan L. Perroy**

Ryan L. Perroy's selection was based on his academic achievements, planned program of research-related travel, and extracurricular activities. Perroy received a B.S. in Physics from The College of William and Mary, and is presently enrolled in an M.S./PhD. program in Remote Sensing/ Soil Science at the University of California, Santa Barbara. He has maintained consistently excellent grades throughout his academic career. In addition, he has been involved in a variety of significant extracurricular service activities. Perroy's research involves the use of remote sensing to develop a methodology for identifying areas in rural Albania that are seriously affected by erosion based on soil reflectance characteristics and vegetation. He has identified a research problem that is both tractable and of obvious value to the country. The award will be used to defray the expense of travel to Albania for fieldwork related to his thesis.

Purpose: The Ta Liang Memorial Award was established in 1989 to facilitate research-related travel by outstanding graduate students in remote sensing. Such travel includes field investigations, agency visits, participation in conferences, or any travel that enhances or facilitates a graduate research program

Donor: Individual and corporate contributions to the International Geographic Information Foundation in memory of Ta Liang.

The Ta Liang Award consists of a cash prize of \$500 grant and a hand-engrossed certificate.

Past Award Recipients:

1989 - Joseph W. Boardman
1990 - Jingli Yang
1991 - Andrew N. Fox
1992 - Xin Zhuang
1993 - Loren J. Siebert
1994 - Thomas Allen
1995 - Lynne M. Beatty
1996 - Deanna McCay
1997 - Stacy Lee Ozesmi
1998 - Michael Herrmann
1999 - Lucie C. Plourde
2000 - Jerry A. Griffith
2001 - Kristin Eickhorst
2002 - Ludmila Monika Moskal
2003 - No award given

Paul R. Wolf Memorial Scholarship

2004 recipient: **Ji Sang Park**

Ji Sang Park has been selected to receive the 2004 Paul R. Wolf Memorial Scholarship. Park is being presented this award in recognition of his outstanding academic credentials and his plans and enthusiasm to become an education professional in surveying, mapping, and photogrammetry. Park is currently a Ph.D. student with the Department of Civil and Environmental Engineering, Geo-spatial Information Engineering Program at the University of Wisconsin-Madison. He has demonstrated and has been recognized, at all levels, for his continued interest, dedication, enthusiasm, and aptitude to become an education professional. The committee wishes Mr. Park much success and is confident that his current and future education efforts will continue to make important contributions to the surveying, mapping and photogrammetry community.

Donor: This Award is administered by ASPRS from funds donated by the friends and colleagues of Paul R. Wolf as a memorial to him. Recognized nationally and internationally, Paul was an outstanding educator and practitioner of surveying, mapping, and photogrammetry and a great friend of the Society. As author, teacher, and mentor, Paul made significant educational and academic contributions to these fields. The award was inaugurated in 2003.

Purpose: The purpose of the Award is to encourage and commend college students who display exceptional interest, desire, ability, and aptitude to enter the profession of teaching surveying, mapping, or photogrammetry.

The award consists of a \$500 check and a hand-engrossed certificate.

Past Award Recipients:

2003 - Brian J. Naberezny

Space Imaging Award for the Application of High Resolution Digital Satellite Imagery

2004 Recipients: **Jason Janke and Qian Yu**

Jason Janke is a Ph.D. student in Geography (GIS and geomorphology) at the University of Colorado at Boulder. His area of interest is the integration of geospatial data, remote sensing and GIS for applications in geomorphology. His project title is "An Analysis of Rock Glacier Flow using Temporal Digital Orthophotos and IKONOS Imagery."

The objective of Janke's study is to establish procedures for detecting Rocky Mountain glacier movement using a unique combination of GIS and photogrammetry and high-resolution IKONOS satellite imagery. The study will provide automated procedures for glacier motion detection, assess the uncertainty of motion measurements, provide a better understanding of long-term horizontal/vertical glacier movement on a regional scale and uncover potential evidence of climate change. This proposal was very well-written, included well-developed methods and is adequately documented with references. Mr. Janke is an excellent student and already has several publications in the field of rock glacier movement.

Qian Yu is a Ph.D. student in remote sensing at the University of California at Berkeley. Her area of interest is remote sensing applications in ecosystem studies. Her project title is "Comparison of IKONOS and EO-1 Hyperion Data for Estimating Leaf Area Index and Forest Crown Closure."

Yu will compare the use of Hyperion hyperspectral and IKONOS imagery for estimating leaf area index (LAI) and crown closure (CC), both critical structural parameters of forests that are used to quantify energy and mass exchange characteristics of terrestrial ecosystems (e.g., photosynthesis, respiration, transpiration and carbon/nutrient cycles). Field work has been conducted to collect LAI and CC measurements for a forest in the Sierra Nevada mountain range and field measurements will be compared to estimates derived from hyperspectral and high-resolution image data. Results are expected to improve LAI and CC estimations from remotely sensed data and assess the spatial and spectral advantage of combining hyperspectral Hyperion data with multispectral IKONOS images for measuring LAI and CC. The proposal has strong support from Ms. Yu's institution and major professor, includes a well-developed methodology and is well written.

Purpose: This award was originally sponsored by EOSAT and known as The EOSAT Award for Application of Digital Landsat TM Data designed to support remote sensing education and stimulate the development of applications of digital Landsat Thematic Mapper (TM) data through the granting of digital Landsat data for applied research by undergraduate or graduate students. The Award was established in 1991. In 2001 it became known as the Space Imaging Award for the Application of High Resolution Digital Satellite Imagery

Donor: Space Imaging, Inc.

The Space Imaging Award consists of two grants of data valued up to \$4,000, and a plaque inscribed with the name of the recipient.

Past Award Recipients:

1991 - Eric Gustafson	1995 - John A. Walkey	1999 - Lucie C. Plourde	2002 - Mark Kachmar
1992 - Bennett C. Sandler	1996 - James Dennis Hipple	2000 - Jason R. Janke	2003 - Michel F. Morgan
1993 - Loren J. Seibert	1997 - Jane Margaret Read	2001 - Jiansheng Yang	
1994 - Yeqiao Wang	1998 - Xiaojun Yang		

The Leica GeoSystems Internship

2004 Recipient: **Cameron Ellum**

Cameron Ellum, a PhD candidate in the University of Calgary's Department of Geomatics Engineering, has been selected as the recipient of the 2004 Leica Geosystems Internship, an eight-week intensive program open to graduate students in photogrammetry and remote sensing, designed to augment the participants' existing research. Ellum will have the opportunity to work in a commercial environment on a project which will utilize his research in integrating GPS and photogrammetric measurements. Leica Geosystems is looking forward to his internship and to exposing their engineers to some of his fresh ideas.

Purpose: Leica GeoSystems Internship (formerly The LH Systems Award) is an eight-week internship for graduate students in photogrammetry. The selected intern works with Leica GeoSystems personnel at a selected Leica GeoSystems facility. The internship consists of a stipend of \$2500 plus an allowance for travel and living expenses for the period of the internship.

Donor: This internship is presented by ASPRS, with funding provided by Leica GeoSystems. The internship provides the award winner with an opportunity to carry out a small research project of his/her own choice, or to work on an existing Leica GeoSystems project as part of a team.

Past Award Recipients:

2003 - Michel Morgan

LH Systems Award:

2000 - Pany Zairopoulos

2001 - no award given

2002 - Sorin Popescu

Z/I Imaging Scholarship

2004 Recipient: **Kristin Eickhorst**

Kristin Eickhorst, currently a Ph.D. student in Spatial Information Science and Engineering at the University of Maine, working under the guidance of Prof. Peggy Agouris, has been selected to receive the 2004 Z/I Imaging Scholarship. Her research is focused on developing novel automated methods for image-based spatio-temporal information representation. She is currently working on a project funded by the National Science Foundation and is also collaborating with NASA scientists to apply her Ph.D. work to forecasting the movement of invasive plant species. This collaboration draws on Eickhorst's undergraduate background in environmental science and biology. In addition to being a good researcher, Eickhorst has been an excellent student, maintaining perfect grades and an active presence in departmental activities, teaching lab sections of senior- and graduate-level image processing and remote sensing classes, and conducting workshops for visiting high school students. Eickhorst has also been involved in outreach to the larger community through her work as coordinator of volunteers for ACSM and ASPRS national conferences. The committee wishes Ms. Eickhorst further success in her career in advancing spatial information sciences.

Purpose: The Z/I Imaging Scholarship, first offered in 2003, grew out of the Intergraph Award for Best Scientific Paper in Spatial Data Standards which was established in 1993. The purpose of the Z/I Award is to facilitate graduate-level studies and career goals adjudged to address new and innovative uses of signal processing, image processing techniques, and the application of photogrammetry to real-world techniques within the earth imaging industry.

Donor: Z/I Imaging

The Z/I Imaging award carries a \$2,000 cash prize and a hand-engrossed certificate.

Past Award Recipients:

The Intergraph Award:

1993 - Richard Aspinall
1994 - no Award
1995 - Howard Veregin
1996 - Gary J. Hunter and Michael F. Goodchild
1997 - Lawrence V. Stanislawski, Bon A, Dewitt, and Ramesh L. Shrestha
1998 - A-Xing Zhu
1999 - No award given
2000 - Arliss Whiteside
2001 - No award given

The Z/I Imaging Award:

2002 - Joshua Greenfield
2003 - Ludmilla Monika Moskal

KODAK International Educational Literature Award

2004 Recipient: **The Department of Geography of the Federal University of Technology, Minna, Niger State, Nigeria**

The Department of Geography of the Federal University of Technology, Minna offers an undergraduate program in applied geography with options in Remote Sensing Applications and Applied Meteorology. Masters degrees are also offered in remote Sensing Applications, Applied Meteorology and Environmental Management. Lectures and laboratory exercises are conducted in the Digital Processing and Geographic Information Systems (DIP/GIS) laboratory and the Geography laboratory. These laboratories house tutorial materials on remote sensing, geographic information systems and meteorology. There are plans to keep expanding and improving on the available facilities for the benefit of the academic community.

The University Library Services Department was established in 1984 for teaching and research work for the University and the immediate community. The Department of Geography has set up a Departmental Library where the ASPRS, ESRI, and Wiley publications and *PE&RS* will be catalogued and available to the students and staff.

Purpose: The Kodak International Educational Literature Award was first bestowed in 1990. Its goal is to improve the quantity and quality of literature in the recipients' libraries that deals with the mapping sciences (i.e. photogrammetry, remote sensing, GIS, and related disciplines) by providing ASPRS educational materials and publications.

The Kodak International Educational Literature Award includes \$350 worth of books, manuals, or other literature published by ASPRS; a five-year subscription to *PE&RS*, proceedings of the Annual Conference and Fall technical meetings for five years; one free registration to the Society's Annual Conference at the time of receiving the award for a member of the institution to whom the award is being given; and a hand-engrossed certificate.

Since 2001, the award has been augmented by a generous grant from the Environmental Systems Research Institute (ESRI) of the complete ESRI Press Library collection and, starting in 2003, selected titles from the John Wiley and Sons, Publishers, catalog.

Donor: Eastman Kodak Company, with supplemental support from ESRI and John Wiley and Sons, Publishers.

Past Award Recipients:

1990 - University of Lagos, and Universidade Federal de Vicosa
1991 - Cairo University, and Universidade de Concepcion
1992 - University of Malawi Polytechnic, and Sung Kyum Kwan University
1993 - University of Nairobi, and Moi University
1994 - Universidade Estadual Paulista-UNESP, and the University of Botswana
1995 - University of Ljubljana, Slovenia
1996 - Universidade do Amazonas
1997 - Indian Institute of Technology, Bombay, India
1998 - No Award given
1999 - The Institute of Optoelectronics, Bucharest, Romania
2000 - State University of West-Center of Parana, Brazil
2001 - Unique Charity Institute of Geography, Ado-Ekiti, Ekiti State, Nigeria
2002 - The University of the Witwatersrand, Johannesburg, South Africa
2003 - The Institute of Surveying and Mapping, Diyatalawa, Sri Lanka

George E. Brown, Jr. Congressional Honor Award

2004 RECIPIENT:

The Award will not be given this year.

Purpose: ASPRS created the award in honor of the late Congressman George E. Brown, Jr. and the contributions he made to advance the benefits of imagery and geospatial information to Society. Representative Brown was very supportive of the geospatial industry. He authored key legislation affecting the industry, supported geospatial information research, and promoted the development of the commercial remote sensing industry for the greater good of Society.

This award is presented periodically to recognize members of the U.S. Congress whose leadership and personal efforts have advanced the science, engineering, application, education, and commerce of imaging and geospatial information. In addition to a plaque, the award consists of an opportunity for ASPRS to sponsor a geospatial sciences presentation to an elementary school, secondary school, or university of the recipient's choice in his or her District or State.

Past Award Recipients:

2000

Congressman George E. Brown, Jr. (D-Cal.) posthumously

2001

No award

2002

Senator Trent Lott (R-Miss.)

2003

No award

ASPRS Ford Bartlett Membership Award

No award this year

Purpose: First awarded in 1968, the ASPRS Ford Bartlett Membership Award honors members for actively promoting membership in ASPRS.

Donor: Lockwood, Kessler, and Bartlett, Inc.

A member is eligible to receive the Award after sponsoring ten or more members in one year. Each recipient receives a hand-engrossed certificate and a one-year membership in the Society.

Past Award Recipients:

1968

Ron K.H. Adler
Irving C. Cohen
Richard J. Ganahi, Jr.
William G. Hemphill
Charles C. Keller
Philip B. Newlin
John E. Ranes
Robert J. Schultz
Carl H. Strandberg
Robert D. Turpin
J.J. Vicek
Robert F. Voss
Charles H. White, Jr.

R.A. Stewart
Robert F. Voss

1971

Daniel Deagostini
Sanjib K. Ghosh
William G. Hemple
Rex G. Judkins
S. Donald Port
Neil S. Schultz
Larry B. Simmons
Donald B. Stafford
Robert F. Voss
Paul R. Wolf

James P. Latham
W.W. Mendenhall, Jr.
Donald H. Zoller

1974

William L. Chamberland
Allen D. Hellman
Cameron R. Irving
G. Warren Marks
Lee D. Miller
Clayton D. Smith
Theresa M. Sousa
Roy A. Welch

Antonio Jurado
James F. Lahey
Ronald J.P. Lyon
Raymond J. Meyer
Edward M. Mikhail
Robert D. Miles
Roland D. Mower
Charles E. Olson, Jr.
Harold T. Rib
D.E. Schwartz
Douglas S. Way

1969

Robert D. Baker
Charles H. Croom
Alonzo C. Hammon
I. A. Harley
R.F. Hill
William G. Loy
Edward M. Mikhail
Ralph B. Palmer
Virginia L. Prentice
Olin Z. Price
Harold L. Prior
Wilmer E. Rarick
John T. Smith
F.G. Tompkins

1972

Hugh F. Blevins, Jr.
G.T. Chapman
Thomas C. Chisnell
Samuel W. Dobyns
Larry B. Doocy
William J. Johnson, Jr.
Gordon A. Juneau
J. O. Lammi
Peter J. Morgan
Ronald P. Noonan
Gerald G. Norman
Nelson R. Nunnally
John M. Nutt
George Sakaguchi
Robert F. Spors
Harry O. Tutmark
Douglas S. Way

1975

Harold C. Bowker
Samuel W. Dobyns
D.K. Erb
Ian A. Harley
Branko Makarovic
C.E. Palmer
George E. Peo, Sr.

1978

Marshal D. Ashley
Robert H. Brock
G. Michael Clark
Wallace Crisco
Frederick L. Gerlach
Chester T. Gray
Gordon Gracie
Robert C. Heller
Floyd M. Henderson
Roger M. Hoffer
Philip S. Kelley
Ralph Kiefer
Edward F. Kulhan
James P. Latham
Arthur J. McNair
Thomas C. Miller
Olin W. Mintzer, III
Jerry W. Robinson
Robert J. Schultz
Carl H. Strandberg
Reginald E. G. Viner
Paul R. Wolf
Roy A. Welch

1970

H.R. Bell
Levis II. Brown
Jack M. Byrne
C.E. Donado
T.A. Hazard
William G. Hemple
B. Makarovic
Dean C. Merchant
Ernest J. Rubin
Neil S. Shultz

1973

David J. Barr
Lee U. Bender
Felix F. Bizzoco
Harold C. Bowker
Jack G. Chavez
Robert C. Eddy
Edward F. Kulhan

1976

David J. Barr
J.E. Colcord
Frederick L. Gerlach
Sanjib K. Ghosh
Lawrence Goldstein
Dean A. Graves
Walter O. Grisdale, Jr.
Ian A. Harley
Thomas M. Lillesand
Harold C. MacDonald
Ronald W. Marris
Robert G. Reeves

1977

D.H. Brunnschwiler
John S. Garcia
Philip J. Horwath
Kandiah Jeyapalan

1979

Robert D. Baker
David J. Barr
F.D. Beatty
Robert H. Brock

ASPRS Ford Bartlett Membership Award *continued*

John E. Combs
Clifford J. Crandall
Wolfgang Faig
Roger M. Hoffer
Steven D. Johnson
Thomas M. Lillesand
Anthony Lewis
William G. Loy
Harold C. MacDonald
Roger McCoy
Rex R. McHail
Olin W. Mintzer, III
Roland D. Mower
Charles E. Olson, Jr.
Rex Peterson
Harold T. RibLuciano
Sanchez, Jr.
Robert B. Scott
Charles Smith

1980

Beverly J. Barsh
D. H. Brunnschweiler
Robert G. Edwards
J. Ronald Eyton
James B. Gouger
Dean Graves
Roop C. Malhotra
Edward M. Mikhail;
Robert D. Miles
Thomas C. Miller
Roy A. Mead
Andrew J. Nash
Jack E. Staples

1981

Enzo E. Bacia
Jerry O. Bratz
D.K. Erb
Siegfried Haberl
Robert P. Haddad
Roger M. Hoffer
Stanford T. Hovey
Mushtaq Hussain
Steven D. Johnson
Charles R. Kelley
Thomas M. Lillesand
Roop C. Malhotra
Ronald H. Maxwell
Rex R. McHail
Marilyn M. O'Cuillinn
Kevin W. O'Cuillinn
Charles E. Olson, Jr.
Warren R. Philipson
Robert H. Rogers
Donald B. Stafford
Curtis W. Triggs

Joseph J. Ulliman
John D. Van Horn
Margaret A. Venglarcik
Douglas S. Way
John H. Wickham, Jr.
Paul R. Wolf

1982

Masumu Aniya
David J. Barr
Graydon L. Berlin
Robert H. Brock
Philip Jan Cannon
J.E. Colcord
Mary E. DeVries
Braco Svetozar Divic
John E. Estes
Frederick L. Gerlach
Mushtaq Hussain
Robert C. Heller
William G. Hemple
J.M. Hill
Eugene Jaworski
John R. Jensen
K. Jeyapalan
Steven D. Johnson
Charles R. Kelly
Ralph Kiefer
Thomas Kind
James P. Latham
Keenan Lee
Jack Lynch
Roop C. Malhotra
Eugene L. Maxwell
Ronald H. Maxwell
Dean C. Merchant
Edward M. Mikhail
Robert D. Miles
Stanley A. Morain
Fareed Nader
Kathryn C. Neff
John M. Nutt
John R. Ray
John B. Rehder
Robert A. Ryerson
Frank Scarpace
D.E. Slavoj
Donald A. Smith
Roy A. Welch
John H. Wickham, Jr.
John F. Wightman

1983

J. Ronald Eyton
Mushtaq Hussain
Steven D. Johnson
Hardi Koesalamwardi
John G. Lyon

James Edward Payne
Larry W. Schwaller

1984

J. Ronald Eyton
Thomas C. Kind
John R. Jensen
Dorothy M. Hoopes

1985

Tamsin G. Barnes
Siegfried Haberl
Thomas M. Lillesand
John G. Lyon

1986

Thomas C. Kind
John G. Lyon

1987

Siegfried Haberl
David Lewis
John G. Lyon
Barbara Shinn

1988

Robert G. Crane
Thomas C. Kind
John G. Lyon

1989

Robert G. Crane
Charles R. Kelly
Elias Johnson
John G. Lyon
Roland D. Mower
Alan H. Strahler

1990

Robert H. Arnold
Eugene R. Benware
Robert C. Burtch
Robert G. Crane
Roger M. Hoffer
William Mendenhall

1991

Roger M. Hoffer
Gail A. McGarry

1992

Manouchehr S. Akhavi
James S. Bethel
Roger M. Hoffer
Paul F. Hopkins
J. David Lashlee
Gail McGarry MacAulay

1993

James S. Bethel
Roger R. Chamard
Clifford W. Greve
Siegfried Haberl
Gail McGarry MacAulay
Stanley A. Morain
Maurice O. Nyquist

1994

William G. Adams
Elias Johnson
Roger M. Hoffer

1995

Elias Johnson
Thomas M. Lillesand
Roger M. Hoffer
Gail McGarry MacAulay

1996

John D. Althausen, Jr.
Roger M. Hoffer
Elias Johnson

1997

America J. Cser
Barry N. Haack
Siegfried Haberl
Elias Johnson

1998

Pamela J. Fromhertz
Roger M. Hoffer
Michael S. Renslow

1999

Pamela J. Fromhertz

2000

John Althausen
Rex Cammack
Roger M. Hoffer

2001

No award given

2002

Rex Cammack
Roger M. Hoffer
Lawrence R. Pettinger

2003

No award given

Col. Claude H. Birdseye President's Citation

2004 Recipient: **Donald T. Lauer**

Purpose: The Col. Claude H. Birdseye President's Citation was established in 1965 as a tribute to one of the founders and the first president of the Society. Each year at the Annual Convention it is conferred on the outgoing president in recognition of her/his contributions to the Society.

Donor: ASPRS

The Birdseye Citation carries with it a gold Past President's Key, an engraved plaque, and a hand-engrossed certificate.

Past Award Recipients:

1935 - Claude H. Birdseye*	1959 - Harry T. Kelsh*	1983 - William G. Hemple
1936 - Harry H. Blee*	1960 - G. Carper Tewinkel*	1984 - Roy A. Welch
1937 - O. S. Reading*	1961 - Arthur J. McNair*	1985 - Tamsin G. Barnes*
1938 - Virgil Kauffman*	1962 - James P. Webb*	1986 - Alan R. Stevens
1939 - Marshall S. Wright, Sr.*	1963 - B. S. Quackenbush, Jr.*	1987 - John J. Graham
1940 - Leon T. Eliel*	1964 - William A. Fischer*	1988 - Alden P. Colvocoresses
1941 - Guillermo Medina*	1965 - Gomer F. McNeil*	1989 - Roger M. Hoffer
1942 - T. P. Pendleton*	1966 - Lawrence W. Swanson*	1990- Marilyn M. O' Cuilinn
1943 - Mint on W Kaye*	1967 - Heinz Gruner*	1991 - Vincent V. Salomonson
1944 - Louis A. Woodward*	1968 - William A. Radlinski	1992 - Stanley A. Morain
1945 - O. M. Miller*	1969 - Frederick J. Doyle	1993 - Clifford W. Greve
1946 - Gerald FitzGerald*	1970 - Frederick O. Diercks	1994 -Maurice O. Nyquist
1947 - Revere G. Sanders	1971 - Joseph P. Burns*	1995 - John R. Jensen
1948 - Edmond S. Massie, Jr.	1972 - Robert F. Altenhofen*	1996 - Tina K. Cary
1949 - George G. Tschume*	1973 - Marshall S. Wright, Jr.	1997 - Roger E. Cystal
1950 - Phillip G. McCurdy*	1974 - Joe E. Steakley	1998 - Thomas M. Lillesand
1951 - Talbert Abrams*	1975 - John W Wickham, Jr.*	1999 -Michael S. Renslow
1952 - George D. Whitmore*	1976 - Hugh B. Loving*	2000 - Alan M. Mikuni
1953 - Alfred O. Quinn	1977 - Vein W. Cartwright*	2001 - George Hepner
1954 - Arthur C. Lundahl*	1978 - Clifford J. Crandall	2002 - Terrence J. Keating
1955 - W Sidney Park*	1979 - Francis H. Moffitt	
1956 - William C. Cude*	1980 - Rex R. McHail	
1957 - Kenneth F. Reynolds*	1981 - George J.M. Zarzycki	
1958 - John I. Davidson*	1982 - Allan C. Bock*	

* = Deceased presidents

Honorary Members

There are no new Honorary Members being named this year.

Purpose: In 1937, the Society began the recognition of individuals who have rendered distinguished service or who have attained distinction in the field of photogrammetry, photo interpretation, remote sensing, or related sciences by electing them to Honorary Membership. The total number of Honorary members shall not exceed 25 at any given time. Honorary Members are elected for life.

Current Members:

1964

Robert N. Colwell

1974

Frederick J. Doyle

1975

Alfred O. Quinn

1978

Morris M. Thompson

1981

John T. Smith, Jr.

1982

Clifford J. Crandall

1983

Rex R. McHail

1985

Edmond S. Massie, Jr.

Francis H. Moffit

1986

William A. Radlinski

Revere G. Sanders

1988

Frederick O. Diercks

1989

Harry E. Tubis

1990

Jon S. Beazley

1991

Alden P. Colvocoresses

Marshall S. Wright, Jr.

1993

William G. Hemple

1994

James B. Case

George J.M. Zarzycki

1995

Friederich Ackermann

John Graham

1996

Lawrence Fritz

1999

Edward Mikhail

2000

Roger R. "Sky" Chamard

2001

James M. Anderson

Past Presidents

1935 - Claude H. Birdseye*

1936 - Harry H. Blee*

1937 - O. S. Reading*

1938 - Virgil Kauffman*

1939 - Marshall S. Wright, Sr.*

1940 - Leon T. Eliel*

1941 - Guillermo Medina*

1942 - T. P. Pendleton*

1943 - Mint on W Kaye*

1944 - Louis A. Woodward*

1945 - O. M. Miller*

1946 - Gerald FitzGerald*

1947 - Revere G. Sanders

1948 - Edmond S. Massie, Jr.

1949 - George G. Tschume*

1950 - Phillip G. McCurdy*

1951 - Talbert Abrams*

1952 - George D. Whitmore*

1953 - Alfred O. Quinn

1954 - Arthur C. Lundahl*

1955 - W Sidney Park*

1956 - William C. Cude*

1957 - Kenneth F. Reynolds*

1958 - John I. Davidson*

1959 - Harry T. Kelsh*

1960 - G. Carper Tewinkel*

1961 - Arthur J. McNair*

1962 - James P. Webb*

1963 - B. S. Quackenbush, Jr.*

1964 - William A. Fischer*

1965 - Gomer F. McNeil*

1966 - Lawrence W.

Swanson*

1967 - Heinz Gruner*

1968 - William A. Radlinski

1969 - Frederick J. Doyle

1970 - Frederick O. Diercks

1971 - Joseph P. Burns*

1972 - Robert F. Altenhofen*

1973 - Marshall S. Wright, Jr.

1974 - Joe E. Steakley

1975 - John W Wickham, Jr.*

1976 - Hugh B. Loving*

1977 - Vein W. Cartwright*

1978 - Clifford J. Crandall

1979 - Francis H. Moffitt

1980 - Rex R. McHail

1981 - George J.M. Zarzycki

1982 - Allan C. Bock*

1983 - William G. Hemple

1984 - Roy A. Welch

1985 - Tamsin G. Barnes*

1986 - Alan R. Stevens

1987 - John J. Graham

1988 - Alden P.

Colvocoresses

1989 - Roger M. Hoffer

1990 - Marilyn M. O'Cuillinn

1991 - Vincent V.

Salomonson

1992 - Stanley A. Morain

1993 - Clifford W. Greve

1994 - Maurice O. Nyquist

1995 - John R. Jensen

1996 - Tina K. Cary

1997 - Roger E. Cystal

1998 - Thomas M. Lillesand

1999 - Michael S. Renslow

2000 - Alan M. Mikuni

2001 - George Hepner

2002 - Terrence J. Keating

* = Deceased presidents



Conference Management Awards

2004 Recipients: **Allen Cook, Conference Chair**

Roger Hoffer, Jeff Liedtke, Technical Program Co-chairs

for their tireless dedication to planning the technical and ancillary events of the 2004 Annual Conference.

The Society has honored many individuals over its 70-year history. Some of those awards are no longer given, but we continue to recognize those people who have advanced the profession.

The Analytical Surveys (ASI) Photogrammetric Scholarship

Purpose: To encourage and assist qualified candidates to pursue either undergraduate or graduate education in photogrammetry and to promote the development of photogrammetric science. It was first presented in 1988 and discontinued in 1995.

Donor: Mr. John A. Thorpe, Analytical Surveys, Inc.

Past Award Recipients:

1988 - Jay Michael Goldfarb
1989 - Matt II. Stevens
1990 - Steven M. Frank
1991 - Todd J. Rowell
1992 - Karen. S. Schuckman
1993 - No Award
1994 - Henry Theiss

The Hugh B. Loving Memorial Scholarship

Purpose: The Hugh B. Loving Memorial Scholarship was established in 1984 by individuals in memory of H.B. Loving, Past-President and Assistant Executive Director of ASPRS. Its purpose was "to assist one or two students enrolled in an undergraduate or graduate curriculum in photogrammetry who have demonstrated outstanding interest and aptitude in pursuing a career in the field". Only one pair of scholarships was awarded in 1984.

Past Award Recipients:

1984 - Emmanuel P. Baltasvias, Peter C. Gustafson

Leica Inc. Photogrammetric Fellowship Award

Purpose: Established in 1960 as the Wild-Heerbrugg Award, it became the Leica Inc. Fellowship in 1991 and was awarded through 1997. The Leica, Inc. Photogrammetric Fellowship encouraged and assisted qualified candidates to pursue graduate and undergraduate education in photogrammetry and to promote the development of photogrammetric sciences. The award was discontinued in 1998.

Donor: Leica Inc.

Past Award Recipients:

1991 - Victor J. D. Tsai
1992 Moh'd T. Obaidat, Anthony Stefanidis, Raid Al-Tahir, Raad A. Saleh
1993 - Thomas Lobonc, Jr.
1994 - Craig Steffensmeier, Graduate; Christopher M. Dietsch, Undergraduate
1995 - Craig Steffensmeier, Graduate; Christopher M. Dietsch, Undergraduate
1996 - Henry Theiss, Graduate; Derek Peckham, Undergraduate
1997 - Henry Theiss, Graduate; Garth McNally, Undergraduate

The Wild Heerbrugg Instruments, Inc. Photogrammetric Award

Past Award Recipients:

1960 - William W. Mendenhall, Jr.
1961 - Edward M. Mikhail
1962 - Edward M. Mikhail
1963 - No Award, discontinued

The Wild Heerbrugg Photogrammetric Fellowship Award

Past Award Recipients:

1964 - Simba Weissman	1972 - Alan Lee Wertheimer	1981 - Michael A. Chapman
1965 - Simba Weissman	1973 - Mitsuru Nasu	1982 - Sean Curry
1966 - Kam Koo Wong	1974 - Steven D. Johnson	1983 - Bon A. DeWitt
1967 - Thengungal George	1975 - Wicha Jawalai	1984 - Fidel Calismo Paderes, Jr.
1968 - Lawrence R. Pettinger	1976 - Mohamed Shawki El-Ghazali	1985 - Horst A. Beyer
1969 - Roop Chand Malhotra	1977 - James K. Crossfield	1986 - Charles D. Ghilani
1970 - Peter James Morgan	1978 - Clive Fraser	1987 - Jeffrey Kretsch
1971 - Thomas M. Lillesand	1979 - James C. McGlone	1988 - David Walter Cook
	1980 - Jolyon Douglas Thurgood	1989 - David R. Steiner

The Wild Leitz Photogrammetric Fellowship Award

1990 - Peggy Agouris

The Bausch and Lomb Photogrammetric Award

Purpose: The Bausch and Lomb Photogrammetric Award was established in 1953 to stimulate interest in photogrammetry by college students who displayed outstanding ability and interest in photogrammetry. Recipients had presented papers on subjects relating to all aspects of photogrammetry. In 1989, it became the Cambridge Instrument Photogrammetric and Remote Sensing Award. The Award was discontinued in 1992.

Past Award Recipients:

1953

1. Robert E. Hagenhoff
2. David K. Scott
3. Hugh F. Dodge

1955

1. R. A. Stewart
2. Paul Bullock
3. Paul M. Pepper

1957

1. Robert W. Filmer
2. Banlang Khamasunthorn
3. J. W. Smith

1959

1. Carl J. Shipek
2. Jerry R. Masters
3. Charles A. Ballou, Jr.

1954

1. Burt Claus
Aschenbrenner
2. Everett W. Johnson
3. Robert A. Dunbar

1956

1. Paul Osborne Roberts, Jr
2. Peter Quintus Eschweiler
3. William B. Ayers

1958

1. Nedret Berkay
2. Wei Wen Yu

Graduate

- 1960 William H. Espey, Jr.
1961 David G. Elms
1962 G. D. Moskowitz
1963 Francisco P. De Vengoecha
1964 John Lukens
1965 Paul R. Wolf
1966 Jan Van Roessel
1967 Seymour Cunningham
1968 Kenneth F. Abel
Roop Chand Malhotra*
1969 Raymond J. Helmering
R. S. Singh*
1970 Maurice K. Kurtz, Jr.
Joseph P. Okang*
1971 Lloyd T. Bartlett
1972 Hans J. Bernath
1973 Michael Cheng-yeh Hou
1974 Timothy R. Kilgore
1976 Paul 1-1. Salamonowicz
1977 No Award
1978 Jay McLeester
1979 Clive Fraser
1980 James C. Storey
1981 No Award
1982 Hon A. DeWitt
1983 Charles D. Ghilani
1984 Albert W. Chong
1985 James Lee
1986 No Award
1987 Byung-Guk Kim
1988 Scott Rae

Undergraduate

- Pablo Larrea
G. Warren Marks
C. Hadjitheodorou
J. Bruce Voorhees
Warren R. Philipson
Robert L Gosby
Frederick C. Burton, III
John D. Cosgrove
John Mittleman
Sam Zimmerman*
George Shelden

Wayne S. Pollard
Gary W. Fuller*, David Heagy*
No Award
George A. Wallace
Bill Teng
No Award
No Award
No Award
No Award
William A. Hafker
David C. Goodrich
Michael A. Martin
Michael A. Heck
Hal 13. Lane III
Harry Hill
Rudolph J. Meijer
No Award
Daniel C. Oimoen
No Award

*Honorable Mention

The Cambridge Instruments Photogrammetric and Remote Sensing Award

Graduate

1989 Timothy Andrew Warner

1990 Haluk Cetin

1991 Stephen A. Kay

1992 Eric M. Sanden

Discontinued after 1992

The John W. Pumpelly Fellowship in Cartography

Purpose: The John W. Pumpelly Fellowship in Cartography was established by National Time Wholesale (NTW) in memory of John W. Pumpelly, a well-known cartographer. Its purpose was "to provide financial assistance to persons pursuing a regular full-time course of graduate study in cartography or a related field at an accredited college or university. Only one award was given in 1984.

Past Award Recipient: 1984 - Gustave W. Rylander

Honor Award

Purpose: Established in 1991, the ASPRS Honor Award recognized people or organizations outside the Society for significant accomplishments compatible with or supportive of the mission of the Society. The activity to be honored should be the result of an organized program with a private, government, or university structure. The honorees' accomplishments should be extraordinary, widely recognized as highly pertinent in advancing the use or understanding of the mapping sciences, and nonpolitical in nature.

Donor: American Society for Photogrammetry and Remote Sensing

Past Award Recipients:

1992 - No Award

1993 - International Institute for Aerial Survey and Earth Sciences (ITC)

1994 - No Award

Certificate of Appreciation for Meritorious Service

Purpose: Presented for the first time in 1992, this award recognized special contributions that had a significant impact on the overall quality of the programs and activities of the Society at national, regional, or local levels. The award was discontinued in 1998.

Donor: ASPRS

Past Award Recipients:

1992

Carlos H. Blazquez
Lola J. Britton
Tina K. Cary
Nickolas L. Faust
Phillip S. Floor
John J. Graham
Roger M. Hoffer
H.R. Hopkins
William L. Johnson
Chester E. Kowalczyk
Candace Leggett
Thomas P. Leier
Ross S. Lunetta
Thomas H. Mace
Anthony J. Mehalic
James W. Merchant
Stanley A. Morain
David A. Mouat
Riadh H. Munjy
Marilyn M. O'Cuillinn
Dave Parr
Lillean Peiter
Gary E. Powell
Irene Scarso
Richard Splivalo
Gary N. Stein
Paul J. Szemkow
John L. Taylor
Reed C. Wheeler

1993

William H. Anderson
Daniel S. Andrews
Deor H. Baker
G. Robinson Barker
Walter E. Boge
G. Clement Bounds
Charles Boyle
Mark W. Brennan
Lola J. Britton
Brenda Burroughs
Russell G. Congalton
Alfred C. Crane, Jr.
Bill P. Clark
Roger E. Crystal
Terry Daniel
Janet D. Degner
Anthony R. De Souza
William Detwiler
Andrew V. Douglas
Ian J. Dowman
Frederick J. Doyle, Jr.

Mary Doyle
Alan Dragoo
Heinrich Ebner
Douglas H. Fuller
Peter N. Gibson
John J. Graham
Barry N. Haack
Michael E. Hodgson
Roger M. Hoffer
Paul F. Hopkins
Stanford T. Hovey
Terrence Keating
Gary G. Kelly
Fern Knauf
Margaret Rose Kress
Mel Kruger
Franz W. Leberl
Anthony J. Lewis
Donald I. Light
James R. Lucas
Ann L. Maclean
Cheryl Madison
William M. Maynard
John Meade
Alan M. Mikuni
Francis H. Moffitt
Stanley A. Morain
Curtis Musselman
Jeffrey A. Olsenholler
Les Perry
Jon W. Price
Kevin P. Price
Anthony Ragazzo
Vincent V.
Salomonson
Carl Silvester
Chester C. Slama
Alan R. Stevens
George Stutz
Nora Tamberg
Jean-Claude M.
Thomas
Robert W. Thompson
Stephen Van Scoyk
Alan W. Voss
Richard A. Weber
Roy A. Welch
Joseph Wiedel
Melanie O. Wyvill

Robert H. Arnold
Mark W. Brennan
Tina K. Cary
James J. Dean
Mike Duiven
Scott W. Duncan
F. Rainer Englehardt
John E. Estes
Murray Felsher
Irving W. Ginsberg
Charles Giammona
Sally E. Goldin
Mason J. Hewitt
Michael E. Hodgson
Roger M. Hoffer.
Neil Hohmann
Henry Robed Hopkins
John K. Jensen
Phillip S. Kelley
Gery Kinn
Mark L. Labovitz
Mark B. Lazaroff
Donald L. Light
Nancy Markuson
Mark P. Mazuzan
Chris McGlone
Robert B. McMaster
Stanley A. Morain
Mark A. Nebrich
Christopher M.U.
Neale
Kurt Novak.
Kevin P. Price
Dario Rodriguez-
Bejarano
Salem State College/
Dr. Nancy D.
Harrington
John R. Sawicki
Toni F. Schenk
John L. Taylor
Robert L. Tudhope
Alan W. Voss
Jennie L. Whitmill
Leland V. Whitmill
Kam W. Wong

1994
Michael Abrams
Marc P. Armstrong

1994

1995
Helen Andregg
Amelia Budge
William S. Cadzow, Jr.
Tina Cary
Alden Colvocoresses

1996
Marvin E. Bauer
Tina K. Cary
David J. Cowan
Roger E. Crystal
Alan Falconer
Murray Felsher
Charles A. Finley
John J. Graham
Clifford W. Greve
Armin Gruen
William D. Hall
Galen F. Hart
Jeryl R. Hill
Anthony C. Janetos
John R. Jensen
George J. Komar
Donald T. Lauer
Gail McGarry
MacAulay
Paul W. Mausel

1997
Joseph A. Baclawski
Roger R. "Sky"
Chamard
Samuel C. Doak
Peter Q. Eschweiler
Kennedy J.
Fitzsimmons
George F. Gross
Paul F. Hopkins
John G. Lyon
James W. Merchant
Thomas L. Pagh
William J. Ripple

1995

1998
Andy Bruzewicz
Murray Felsher
Doug Fuller
Dale Hamby
Galen Hart
Floyd Henderson
James Hipple
Brian Huberty
Terry Keating
Tony Lewis
Bryan Logan
Stan Morain
Warren Phillipson
Ralph Root
Bob Ryerson
Karen Schuckman
Adena Schutzberg
Nancy Tubbs

1999
John E. Haverberg
C.L.Hill
Raymond Hintz
Axel R.Hoffmann
Stan Hovey
Inframetrics, Inc.
John R. Jensen
Frederick W. Kelly, III
Alfred Leick
Thomas R. Loveland
George E. Lukes
Ross Lunetta
M. MacDonald
Gordon Maclean
James W. Merchant
Craig Molander
Richard Pearsall
Roger D. Phelps
Raad A. Saleh
Vincent R. Salomonson
Toni F. Schenk
Bernard S. Schur
James M. Spell
Christopher J. Stohr
Robert Thompson
Harry Tubis
Alan W. Voss
Roy Welch
Leland D. Whitmill
Robert Wirz

1996

1997
Joseph A. Baclawski
Roger R. "Sky"
Chamard
Samuel C. Doak
Peter Q. Eschweiler
Kennedy J.
Fitzsimmons
George F. Gross
Paul F. Hopkins
John G. Lyon
James W. Merchant
Thomas L. Pagh
William J. Ripple

1998
Andy Bruzewicz
Murray Felsher
Doug Fuller
Dale Hamby
Galen Hart
Floyd Henderson
James Hipple
Brian Huberty
Terry Keating
Tony Lewis
Bryan Logan
Stan Morain
Warren Phillipson
Ralph Root
Bob Ryerson
Karen Schuckman
Adena Schutzberg
Nancy Tubbs

1997

1998
Andy Bruzewicz
Murray Felsher
Doug Fuller
Dale Hamby
Galen Hart
Floyd Henderson
James Hipple
Brian Huberty
Terry Keating
Tony Lewis
Bryan Logan
Stan Morain
Warren Phillipson
Ralph Root
Bob Ryerson
Karen Schuckman
Adena Schutzberg
Nancy Tubbs

1998

1999
John E. Haverberg
C.L.Hill
Raymond Hintz
Axel R.Hoffmann
Stan Hovey
Inframetrics, Inc.
John R. Jensen
Frederick W. Kelly, III
Alfred Leick
Thomas R. Loveland
George E. Lukes
Ross Lunetta
M. MacDonald
Gordon Maclean
James W. Merchant
Craig Molander
Richard Pearsall
Roger D. Phelps
Raad A. Saleh
Vincent R. Salomonson
Toni F. Schenk
Bernard S. Schur
James M. Spell
Christopher J. Stohr
Robert Thompson
Harry Tubis
Alan W. Voss
Roy Welch
Leland D. Whitmill
Robert Wirz

Presidential Citations for Meritorious Service

Purpose: Presidential Citations for Meritorious Service were presented by the President of the American Society for Photogrammetry & Remote Sensing beginning in 1965 to members in special recognition of meritorious and outstanding administrative contributions (in contrast to scientific achievement) during his presidential year." This recognition ended in 1991 and was replaced by Certificates of Appreciation for Meritorious Service. Each recipient of a Presidential Citation for Meritorious Service has voluntarily contributed his or her time and talents for the benefit of the Society during the past year. The Presidential Citation Certificate is a symbol of the Society's gratitude.

Donor: ASPRS

Past Award Recipients:

1965

John I. Davidson
Theodore Norcross
Mabel S. Smart
Ernest R. Swanson
Morris M. Thompson

1966

Abraham Anson
Robert N. Colwell
Leonard H. Delano
Frederick J. Doyle
Robert C. Eller
Glenn A. Harper
Houssam M. Karara
Chester E. Kowalczyk
David Landen
Glenn H. Landis
Stanley M. Leizear
John J. Lipke
Clarice L. Norton
James R. Quick
Alfred O. Quinn
William A. Radlinski
William E. Robertson
Revere S. Sanders
Richard M. Schamp
Kenneth T. Sime
L. Ray Smart
Julius L. Speert
G. Carper Tewinkel
James P. Webb
Glenn C. Welden

1967

Paul Alban
Vanice R. Dietz
Frederick J. Doyle
Charles Hanavich
Thomas A. Hazard
Arthur J. McNair
Virginia L. Prentice

William T. Pryor
Allan R. Rich
Glenn C. Welden

1968

Gerald S. Andrews
Frederick O. Diercks
Albert K. Heywood
George P. Katibah
Kalervo N. Maki
Morris L. McKenzie
Arthur J. McNair
Nick Michalas
Philip B. Newlin
William B. Overstreet
William T. Pryor
Kenneth F. Reynolds
Mabel S. Smart
John T. Smith
Joseph B. Theis

1969

James M. Anderson
William F. Harman
Karl Heinemann
A.J. Hiller
Thomas A. Hughes
George L. Loelkes, Jr.
William D. Lynn
William W. Mendenhall, Jr.
Roy R. Mullen
Benjamin Munroe
O.Z. Price
Edward D. Speakman
Bruce T. Stanton
Gordon E. Stine
Harry O. Tutmark
Alice P. Weber
E.E. Zang

1970

Oscar H. Brinks
Dominick A. Buccia
James B. Case
Roger R. Chamard
J.E. Colcord
Leonard H. Delano
Gordon Gracie
Uuno V. Helava
Albert K. Heywood
Arthur C. Holzweissig
Willard A. Kuncis
Kalervo N. Maki
Raymond R. Mays
Robert F. McGivern
Alfred O. Quinn
William A. Radlinski
Walter E. Shea
Allan L. Sorem
Charles Theurer
Chester A. Trim

1971

Robert D. Baker
Paul Blake
Stanley Borrell
Roger F. Dwyer
John O. Eichler
David D. Fredlund
Lester F. Garvin
Sanjib K. Ghosh
Houssam M. Karara
Glenn H. Landis
James P. Latham
Albert E. Letey
George L. Loelkes, Jr.
Hugh B. Loving
Robert B. McEwen
William W. Mendenhall, Jr.
Edward M. Mikhail

Roy R. Mullen
Francis B. Reeves
Harold T. Rib
Jack N. Rinker
George H. Rosenfield
Hans G. Ruthe
Marvin B. Scher
Chester C. Slama
J. Alfred Stringham
James I. Taylor

1972

James M. Anderson
Robert D. Baker
James F. Chamberlain
Clifford J. Crandall
Charles H. Croom
Robert C. Eller
T.R. Fesperman
Charles D. Galbreath
Henry J. Grimmonpre
Alonzo C. Hammon
Thomas A. Hazard
Robert E. Herron
William J. Johnson
William J. Kosco
Chester F. Kowalczyk
Robert B. McEwen
John D. McLaurin
Olin W. Mintzer III
Francis B. Reeves
Harold T. Rib
Estelle Rosen
George H. Rosenfield
Herman R. Rowden
Lawrence W. Swanson
Roy F. Thurston
Robert D. Turpin
Paul R. Wolf

1973

John P. Apel
George M. Ball
Joseph P. Burns
Robert C. Eddy
Blanche Fischer
Jack Foreman
Clifton J. Fry, Jr.
William G. Hemple
William J. Johnson, Jr.
Ralph E. Kauffman
Chester E. Kowalczyk
Patricia Lillian
Hugh B. Loving
Kalervo N. Maki
Larry N. Munej
Everett D. Nance
Herbert M. Neyland
S. Donald Port
William Prescott
Joseph T. Pilonero
G. Peter Stull
Lawrence W. Swanson
Robert D. Turpin
Donald N. Withington
Donald H. Zoller

1974

Antonio M. Aguilar
Abraham Anson
Tamsin G. Barnes
Jon S. Beazley
Donald M. Brant
Joseph P. Barns
Fred S. Cardwell
Robert C. Eller
Seymour Fishbein
Clifton J. Fry, Jr.
Jack H. Harris
Karl Heinemann
Raymond J. Helmering
William G. Hemple

Sidney Henderson
Albert K. Heywood
Herman L. Kaiser
Robert H. Lyddan
Robert B. McEwen
Nick Michalas
Olin W. Mintzer
Herbert M. Neyland
Russell A. Pohl
Alfred O. Quinn
Robert G. Reeves
Harold T. Rib
George H. Rosenfield
Gordon E. Stine
Paul G. Teleki
Edwin G. Tibbils
Donald H. Zoller

1975

Abraham Anson
Franklin S. Baxter
G. Clement Bounds
Rosalie Breckenridge
Ronald K. Brewer
Douglas Brimmer
Frederick J. Doyle
Robert C. Eller
John J. Enos
Clifton J. Fry, Jr.
Sharon Fry
Mabel C. Gill
William E. Harman
Thomas A. Hazard
Bernard L. Kelley
William J. Kosco
Willard A. Kuncis
Maurice K. Kurty
Robert D. Leighty
Michael K. Linck, Jr.
Rex R. McHail
Frank H. Martin
Herbert M. Neyland
Randall L. Powell
Raymond J. Puhl
Alfred O. Quinn
George H. Rosenfield
Chester C. Slama
Roy A. Smith
Lawrence W.
Swanson
Charles Theurer
Arnold F. Trachsel
Richard A. Weber
Roy A. Welch

1976

Abraham Anson
H. Homer Aschmann
Peter C. Badgley
L. Ralph Baker

John A. Beckman
Leonard W. Bowden
Richard I. Church
Chester F. Collins
Robert N. Colwell
Alden P.
Colvocoresses
Wallace A. Crisco
Frederick J. Doyle
John E. Estes
William A. Fischer
Robert S. Fraser
S. Jack Friedman
Sharon Fry
Robert H. Hanson
George L. Huebner
Frank J. Janza
John E. Johnston
Houssam M. Karara
Harold F. Keuper
Allan N. Kover
David Landen
Keenan Lee
Donald S. Lowe
Ronald J.P. Lyon
Thomas R. Lyons
Dean C. Merchant
William Meyer
Richard K. Moore
Victor I. Myers
Phillip B. Newlin
Penrod Northcott
Donald G. Orr
Robert W. Peplics
S. Donald Port
Charles E. Poulton
Evelyn L. Pruitt
Alfred O. Quinn
Robert G. Reeves
Harold T. Rib
Wayne G. Rohde
George H. Rosenfield
Byron E. Ruth
Anthony E. Salerno
R. MacDonald Scott, II
David S. Simonett
Philip N. Slater
Ralph S. Solecki
Joseph E. Steakly
Dieter Steiner
Stephen C. St. Peter
Gwynn H. Suits
Gene A. Thorley
Theodore C. Vogel
Robin I. Welch
Paul R. Wolf
Kam Wu Wong
Sherman S.C. Wu
George J. Zissis

1977

Franklin S. Baxter
G. Clement Bounds
Claude E. Buckner
J.E. Colcord
Joel Kobelin
Herbert G. Koogle
Robert F. McEwen
Gomer T. McNeil
Charles E. McNoldy
Charles E. Olson, Jr.
John D. Perrow, Jr.
William A. Radlinski
Kenneth F. Reynolds
Wayne G. Rohde
Charles F. Sheaffer
L. Ray Smart
Harry O. Tutmark
Sandor A. Veress
Eugene Zang

1978

Robert D. Baker
Enzo E. Becia
Walter E. Boge
Carl J. Born
Jack M. Byrne
Wallace A. Crisco
Roger R. Chamard
Charles H. Croom
Joseph O. Danko, Jr.
Richard S. Driscoll
George E. Erio
Harry Emrick
Loin R. Evans
Lawrence R. Fenton
Lawrence W. Fritz
Pliny Gale
Nathan Garrett
M. Charlene Gill
William F. Harman
Eldon L. Hamm
John F. Haverberg
Roger M. Hoffer
Robert K. Holz
Margaret Hudson
Richard W. Kellogg
William J. Kosco
Larry F. Lambelet
Frederick G. Lavery
James T. Long
M. Louise McDavitt
Roy R. Mullen
Tom Northrop
Ronald D. Olsen
Charles E. Olsen, Jr.
John D. Perrow, Jr.
James R. Quick
Val E. Sellers
John Shields

D.E. Slavoj
Rupert B. Southard, Jr.
Lawrence W.
Swanson
Roger F. Taylor
Charles Theurer
Franklin K. Van Zandi
Sue Walls
Paul R. Wolf

1979

Karin H. Baker
Jon S. Beazley
Ronald K. Brewer
M. Carbonnell
Edward K. "Ned"
Elder
Wolfgang Faig
Jack Foreman
Sanjib K. Ghosh
Roger Harding
Raymond J. Helmering
Robert E. Herndon, Jr.
R.E. Herron
Roger M. Hoffer
Herbert Kaplan
Houssam M. Karara
Thomas J. Lauterborn
Thomas M. Lillesand
G. Warren Marks
Roy A. Mead
Edward M. Mikhail
Francis H. Moffitt
Stanley A. Morain
Peter A. Murtha
John D. Perrow, Jr.
John R. Ray
William A. Radlinski
George H. Rosenfield
Robert B. Scott
Val E. Sellers
David C. Smith
Alan R. Stevens
H. Takasaki
Edwin G. Tibbils
Julie Trollinger
Harry O. Tutmark
LaMonte I. Urban
Sandor A. Veress

1980

William M. Ciesla
George T. Cline
Anthony B. Follett
Kathy Moffitt
Stanley A. Morain
Fredericka A. Simon
David C. Smith
Jack E. Staples

1981

Lee U. Bender
Robert H. Brock
John I. Davidson
Lawrence W. Fritz
Karin Haberl
William G. Hemple
George J. Jaynes
Francis H. Moffitt
Marilyn M. O'Cuillinn
Kevin O'Cuillinn
Anita Sellers
Val F. Sellers
Chester C Slama
Charles Theurer
Thomas VenVertloh
John H. Wickham, Jr.

1982

Lee W. Aggers
Ronald F. Beck
Merritt J. Bender
Lola J. Britton
Roger R. Chamard
Soren W. Henriksen
Gary F. Johnson
Donald T. Lauer
Rex R. McHail
Roy A. Mead
James Plasker
Benjamin F. Richason
Kazutaka Saiki
Grace Salazar
Paul Seevers
Jack Staples
Lawrence W.
Swanson
Charles Theurer
Charles Trautwein
Alan P. Vonderohe

1983

Joanne Bock
Edwin R. Brownell
Janet D. Degner
Jack Foreman
William C. Good
Heinz Gruner
Gordon R. Heath
Willard A. Kuncis
Rex R. McHail
Morris L. McKenzie
George A.
Rabchevsky
Chester C Slama
Jerry J. Becker
G. Carper Twinkel
Roy A. Welch
Dennis White
Owen W. Williams

Presidential Citations for Meritorious Service continued

George J.M. Zarzycki

1984

Carlos H. Blazquez
Allan C. Bock
Cliff G. Bryner
Robert N. Colwell
John E. Estes
Jack Foreman
Roger A. Harding
Thomas J. Lauterborn
Thomas M. Lillesand
Peter A. Murtha
Warren R. Philipson
William A. Radlinski
David S. Simonett
G. Carper Tweinkel
Gene A. Thorley
Fawwaz T. Ulaby

1985

Daniel S. Andrews
Virginia P. Carter
Richard T. Church
John I. Davidson
William G. Hemple
William B. Hoffer
Donald Karns
Chester IL Kowalczyk
Gerry Loving
Marilyn M. O'Cuillinn
James R. Shepard
Morris M. Thompson
Harry F. Tubis
Alan W. Voss
Ronald J. Welebny

1986

Paul H. Alban
Abraham Anson
John L. Barker
John D. Bossler
Janet D. Degner
Richard S. Driscoll
Francis L. Hanigan
Gary R. Kent
Thomas J. Lauterborn
Brian L. Markham
Charles E. Olson, Jr
Charles E. Olson, Jr.
Alfred O. Quinn
John R. Ray
Jens Otto Rick
John C. Uehlinger
Alan W. Voss
Richard A. Weber
Roy A. Welch

1987

Charles H. Andregg
Tamsin G. Barnes
Paul D. Brooks
William I. Brooks
Nicholas R. Chrisman
Mary Clawson
Thomas F. Collins
C.E. "Ed" Coiner
Richard L. Corrigan
George E. Cranwell
Roger M. Hoffer
George J. Jaynes
Terrence Keating
Ralph W. Kiefer
Thomas O.
McCullough
Roy A. Mead
Patricia Northcutt
Philip N. Slater
Karen Stevens
George F. Walker
Marshall S. Wright, Jr.

1988

Lance H. Bassage
Lola Britton
Loyola M. Caron
Roger R. "Sky"
Chamard
George T. Cline
Alden P.
Colvocoresses
Russell G. Congalton
Alfred C. Crane
Marvin J. Everett
James H. Everitt
Anthony B. Follett
Eve Graham
Charles E. Henderson
Deborah S. Johnson
Melvin Kruger
Maurice F. "Gene"
Lafferty
Roberta E. Lenczowski
Donald L. Light
Patricia Caldwell
Lindgren
Robert B. McEwen
Rex R. McHail
Morris L. McKenzie
Roy A. Mend
Dean C. Merchant
James W. Merchant,
Jr.
Randle w. Olsen
Michael S. Renslow
William J. Ripple

Vincent V.
Salomonson
Chester C Slama
Alan R. Stevens
Harold G. Bassett
Alma Catlin
Paul R. Wolf
Chris Woloszyn
Algerta Auringer
Wood
Sherman S.C. Wu

1989

Erie Anderson
Charles H. Andregg
Lawrence F. Ayers
Maurice G. Brumm
Roger R. "Sky"
Chamard
James L Clapp
Mary G. Clawson
Page Cockrell
Jennifer
Colvocoresses
William J. Craig
Frederick J. Doyle
Lawrence W. Fritz
Peter N. Gibson
John J. Graham
William G. Hemple
Soren W. Henriksen
William B. Hoffer
Steven D. Johnson
William L. Johnson
Houssam M. Karara
Thomas J. Lauterhorn
Paul W. Mausel
Marilyn M. O'Cuillinn
Charles K. Paul
Richard A. Pearsall
Michael S. Renslow
Val E. Sellers
Chester C. Slama
Barbara Soltar
Mary G. Clawson
Robert W. Thompson
George VanCampen
Doris Walsh
John A. Wittmann
Marshall S. Wright, Jr.

1990

Harold G. Basset
Alma Catlin
Pat S. Chavez, Jr.
H. Cornell Clapp
Alden P.
Colvocoresses

Russell B. Congalton
John F. Dailey
Frederick I. Doyle
A.A. Dyer
Christopher D. Elvidge
Clifford W. Greve
Darla Hersh
Connie Hoffer
Earl R. Hoskins
Melvin Kruger
John G. Lyon
Robert A. McDonald
James W. Merchant,
Jr.
Patricia Northeult
David Nystrom
Alfred O. Quinn
William J. Ripple
Robert A.
Schowengerdt
Billie C. Swenson
Robert W. Thompson
Nancy K. Tubbs
Paul T. Tueller
Kenneth L. White
Ronald R. Wolbach
Charles G.
Woodward
Sherman S.C. Wu

1991

Charles H. Andregg
Demetre P. Argialas
Fred B. Bales
Mary G. Clawson
Alden P.
Colvocoresses
E. Coyote Enterprises,
Inc.
staff: Linda Teames,
Juane Reed,
Danny Knutson, Ric
Locke, Eon French.,
GlenBaker, and Sky
Chamard
Albert J. Fleig
Elizabeth A. Fleming
Robert W. Foster
Clive S. Fraser
Lawrence W. Fritz
Charles A. Harlow
Uno V. "Uki" Helava
Roger M. Hoffer
John R. Jensen
Chris J. Johannsen
Thomas R. Loveland
Kamlesh P. Lulla
David Mark

Robert F. McGivern
Audrey Meyer
M. Duane Nellis
Randle W. Olsen
Alfred O. Quinn
William A. Radlinski
Michael S. Renslow
Steven A. Sader
Eberhard G.
Schirmacher
Rupert B. Southard
Lowell E. Starr
Thomas A. Stone
Carl R. Sullivan
Connie M. Wester
Denis L. White

Merit Award

Purpose: Established in 1991, the ASPRS Merit Award recognized an effort or activity by an individual or group that contributed to the objectives and goals of the Society. Recipients served as committee members or chapter or regional officers and were instrumental in an exceptional way in the development or implementation of Society activities. The Award was intended to reward exceptional contributions that required unusual time or effort.

Donor: ASPRS

Past Award Recipients:

1992

Michael Abrams
Edwin R. Brownell
Daniel L. Civco
Ian J. Dowman
Clive S. Fraser
Stanford T Hovey
Rex R. MeHail
Dean C. Merchant
Ronald J. Ondrejka
Tim Warner

1993

Amelia M. Budge
Mary G. Clawson
Evelyn Fritz
Peter N. Gibson
Roger M. Hoffer
William B. Hoffer

Frances C. Holt
Warren R. Philipson
Roberta Robar

1994

Charles H. Andregg
Eugene R. Benware
Robert C. Burtch
John E. Combs
Michael S. Renslow
Wayne H. Valentine
Edward K. Fugikawa
Bernard S. Schur
James V. Taranik

1995

William Anderson
Eugene Benware
William G. Brooner

H. Cornell Clap
Clifford W. Greve
Gary W. Thompson
Bryan Logan
Ann L. Maclean

1996

John D. Althausen, Jr.
Brian Biggs and Kimberly
Patraw
Brenda S. Burroughs
Bon A. Dewitt
Alan R. Dragoo
Florida Marine Research
Institute
Ignazio Frigerio
Vincent V. Salomonson
Romesh L. Shrestha

1997

Nicholas Bodnar
Nicholas Chrisman
Bill and Laura Disbrow
Dale A. Hamby
Riadh H. Munjy
Michael S. Renslow
Leland D. Whitmill

1998

Robert C. Burtch
John E. Combs
Clifford W. Greve
Michael S. Renslow
Vincent V. Salomonson
Bernard S. Schur
Wayne H. Valentine

Alan Gordon Memorial Award

Purpose: To encourage and commend the individual(s) who contributed to significant achievements in remote sensing and photographic interpretation. The award was discontinued in 1999.

Donor: Alan Gordon Enterprises, Inc.

Past Award Recipients:

1977 - Robert F. MeEwen
1978 - William D. Carter and Richard S. Williams, Jr.
1979 - Roger M. Hoffer
1980 - Thomas M. Lillesand and Ralph W. Kiefer
1981 - James R. Anderson (posthumous)
1982 - Floyd F. Sabins, Jr.
1983 - Phillip N. Slater
1984 - Robert N. Colwell
1985 - Frederick J. Doyle
1986 - Joseph K. Berry
1987 - Thomas Eugene Avery

1988 - Pat S. Chavez, Jr.
1988 - Alden P. Colvocoresses
1989 - John R. Jensen
1990 - James W. Merchant
1991 - Thomas M. Lillesand
1992 - Roy A. Welch
1993 - Thomas R. Loveland
1994 - Marvin E. Bauer
1885 - no award given
1995 - no award given
1996 - Lawrence R. Pettinger
1997 - no award given
1998 - Floyd M. Henderson and Anthony J. Lewis

The Luis Struck Award

Purpose: "To stimulate Pan American understanding in the field of photogrammetry". The Luis Struck Award was first given in 1967, by the Mexican Society for Photogrammetry, Photointerpretation and Geodesy. The Award was discontinued in 1987.

Donor: Sociedad Mexicana de Fotogrametria, Fotointerpretacion y Geodesia

Past Award Recipients:

1967 - Robert H. Randall (posthumous)	1977 - J. Alberto Villasana
1968 - George D. Whitmore	1978 - Robert H. Lyddan
1969 - Frederick O. Diercks	1979 - Jack E. Staples
1970 - Pablo Arnoldo Guzman	1980 - Daniel Gut
1971 - David Landen	1981 - Placidino M. Fagundes
1972 - Arch C. Gerlach	1982 - Rupert B. Southard
1973 - Teodor J. Blachut	1983 - Luis E. Miranda V.
1974 - Charles H. Andregg	1984 - Bulmaro Cabrera Ruiz
1975 - Jose A. Saenz	1985 - Hernan Rivera H.
1976 - Samuel G. Gamble	1986- Mauricio Aroya Figueroa

Editorial Excellence Award

Purpose: The Editorial Excellence Award was established in 1985 to recognize major contributions in the areas of writing, reviewing, editing, and publishing works of the Society. The Award is given rarely.

Donor: ASPRS

Past Award Recipient:

1985 - Morris M. Thompson

The Photographic Interpretation Award (AIL)

Purpose: "To commend and encourage the individuals who contribute to outstanding advancements in Photographic Interpretation." The AIL Photographic Interpretation Award was first given in 1962. The Award was discontinued in 1975.

Donor: AIL Information Systems

Past Award Recipients:

1962 - Arthur C. Lundahl	1969 - Peter C. Bedgley
1963 - Robert N. Colwell	1970 - J. Ralph Shay
1964 - Walter H. Bailey	1971 - Ronald J.P. Lyon
1965 - William A. Fischer	1972 - NASA Earth Resources Technology Satellite Team
1966 - Charles E. Olson, Jr.	1973 - Yngvar W. Isachsen
1967 - Dana C. Parker	1974 - Harry W. Smedes
1968 - Infrared and Optical Sensors Laboratory, University of Michigan	1975 - Award discontinued