

BIBLIOGRAPHY

- Abdalla, A.E. (1991), A short note on the production of satellite image maps for Sudan, *ITC Journal*, vol. 1991-1, pp. 1-2.
- Adearn, S.C. & C. Wee (1991), Data space volumes and classification optimization of SPOT and Landsat TM data, *PERS*, vol. 57 (1), pp. 61-5.
- Adeniyi, P.O. (1983), An aerial photographic method for estimating urban population, *PERS*, vol. 49 (4), pp. 545-60.
- Adeniyi, Peter O. (1987), Using remotely sensed data for census surveys and population estimation in developing countries: Examples from Nigeria, *Geocarto International*, vol. 4, pp. 11-31.
- Allen, Kathleen M., Stanton W. Green & Ezra B.W. Zubrow (1990), *Interpreting Space: GIS and Archaeology*, Taylor & Francis, London.
- Anderson, J.R., E.E. Hardy, J.T. Roack & R.E. Witmer (1976), A land use and land cover classification system for use with remote sensing sensor data, Professional Paper, *ASPRS/ACSM Annual Convention*, pp. 276-91
- Anson, R.W. & F.J.Ormerling (eds)(1991), *Basic Cartography for Students and Technicians—Exercise Manual*, volumes I and II, ICA & Elsevier Applied Science, London and New York.
- Anuta, P.E., L.A. Bartolucci, M.E. Dean, D.F. Lozano, E. Malaret, C.D. McGillem, J.A. Valdes & C.R. Valenzuela (1984), Landsat 4 MSS and thematic mapper data quality and information content analysis, *IEEE-TGRS*, GE-22, pp. 152-9.
- Armstrong, M. & P. Densham (1990), Database organisation strategies for spatial decision support systems, *IJGIS*, vol. 4, No. 1, pp.3-20.
- August, Peter, Joanne Michaud, Charles Labash & Christopher Smith (1994), GPS for environmental applications : Accuracy and precision of locational data, *PERS*, vol. 60 (1), pp. 41-5.
- Barnsley, M.T., J. Sheperd & Y. Sun (1988), Conversion and evaluation of remotely sensed imagery for town planning purposes in J.C. Muller (ed), *Environmental Applications of Digital Mapping*, Proceedings of the Eurocarto Seven, ITC Publication, No. 8, Enschede, pp. 134-43.
- Barnsley, M.J., G.J. Sadler & J.S. Shepherd (1989), Integrating remotely-sensed images and digital map data in the context of urban planning, *Proceedings of the 15th Annual Conference of the Remote Sensing Society*, 13-15 September 1989, Bristol, pp. 25-32.

- Begin, D.F. (1991), System of integrated acquisition procedure with satellite data SINAPS project, in *Proceedings of the 1991 ACSM/ASPRS Annual Convention*, vol. 3, Remote Sensing, Baltimore, pp. 1-5.
- Benediktsson, J.A., P.H. Swain & O.K. Esroy (1990), Neural network approaches versus statistical methods in classification of multisource remote sensing data, *IEEE TGRS*, vol. 28(4), pp. 540-52.
- Berry, J.K. (1987), Fundamental operations in computer assisted map analysis, *IJGIS*, vol. 1 (2), pp. 119-36.
- Black, James (1996), Data conversion—Follows the Sun, *International Journal for Geomatics*, vol. 10, No. 4, pp. 66-7.
- Blodget, Herbert W. (1991), Caldera-structure relationships in Kenya : Observations from satellite data, *1991 ACSM/ASPRS Annual Covention*, vol. 3, Baltimore, pp. 16-22.
- Bohme, R. (1989), *Inventory of World Topographic Mapping*, ICA & Elsevier Applied Sciences, London and New York.
- Bolstad, P.V. & T.M. Lillesand (1991), Rapid maximum likelihood classification, *PERS*, vol. 57 (1), pp. 67-74.
- Bolstad, Paul & T.M. Lillesand (1991), Automated GIS integration in landcover classification, *1991 ACSM/ ASPRS Technical Papers*, vol. 3, pp. 23-32.
- Brannon, David P., Charles L. Hill & Bruce A. Davis (1994), Commercial remote sensing program, *PERS*, vol. 60 (3), pp. 317-30.
- Brugioni, D.A. (1983), The census : It can be done more accurately with space-age technology, *PERS*, vol. 49 (9), pp. 1337-9.
- Buchman, G.M. & N.K., Hubbard (1986), Remote sensing in land-use planning : An application in west central Scotland using SPOT-simulation data, *IJRS*, vol. 7 (6), pp. 767-77.
- Bugayevshiy, L.M. & John P. Synder (1995), *Map Projections: A Reference Manual*, Taylor & Francis, London.
- Bullard, R.K. & R.W. Dixon-Gough (1985), *Britain from Space: An Atlas of Landsat Images—In Colour*, Taylor & Francis, London.
- Burroughs, P.A. (1986), *Principles of Geographic Information Systems for Land Resources Assessment*, Oxford University Press.
- Campbell, Heather & Ian Masser (1995), *GIS in Organizations: How Effective are GIS in Practice ?*, Taylor & Francis, London.
- Campbell, J.B. (1981), Spatial correlation effects upon accuracy of supervised classification of land cover, *PERS*, vol. 47, pp. 355-63.
- Chandrasekhar, M.G., V. Jayraman & Mukund Rao (1996), Future perspectives of remote sensing, *Current Science*, vol. 70, No. 7, pp. 648-53.
- Changchui, He, Robert A. Ryerson & Barry N. Haack (1991), The ESCAP/UNDP Regional remote sensing program for Asia and the Pacific, *1991 ACSM/ASPRS Technical Papers*, Baltimore, vol. 3, pp. 33-41.
- Chatterjee, Rajat S., Devashis Banerjee, Jibanananda Roy & Amit K. Bhattacharya

- (1994), Landsat TM data processing techniques for identifying and delineating environmental impacts of coal mining, *ITC Journal*, vol. 1994-2, pp. 156-162
- Chaveg, P.A. Jr. & B. Baner (1982), An automatic optimum kernel-size selection technique for edge enhancement, *RSE*, vol. 12, pp. 23-38.
- Cheves, Marc (1996), The U.S. surveying market-place--1966 : The year of GPS, *International Journal for Geomatics*, vol. 10, No. 4, pp. 25-7.
- Chiao, Kuo-mu (1991), A study on age class discrimination of cryptomeria with greenness indicators, *1991 ACSM/ASPRS Technical Papers*, vol. 3, Baltimore, pp. 42-51.
- Chiesa, Chistopher C. & Williams A. Tyler (1991), Mosaicking techniques developed for AVHRR data, *1991 ACSM/ASPRS Annual Convention*, vol. 3, Baltimore, pp. 52-66.
- Chouhan, T.S. & K.N. Joshi (eds) (1995), *Readings in Remote Sensing Applications*, Scientific Publishers, Jodhpur.
- Chuvieco, E. & R. Congalton (1998), Using cluster analysis to improve the selection of training statistics in classifying remotely sensed data, *PERS*, vol. 54 (9), pp. 1275-81.
- Civco, Daniel L. (1991), Landsat TM image classification with an artificial neural network, *1991 ACSM/ASPRS Annual Convention*, Baltimore, vol. 3, pp. 67-77.
- Civco, D.L. (1989), Knowledge-based land use and land cover mapping, in *Proceedings of the Annual ASPRS Convention*, Baltimore, pp. 176-91.
- Colvocoresses, Alden P. (1991), Landsat 7--A challenge to America, *1991 ACSM/ASPRS Annual Convention*, vol. 3, pp. 78-82.
- Colvocoresses, A. (1986), Image mapping with the Thematic Mapper, *PERS*, vol. 52 (9), pp. 1499-505.
- Colwell, Stephen (1992), *GIS and GPS: A New Partnership*, Space Technology International, Cornhill Publications.
- Conese, C., F. Maselli & L. Bottai (1993), Topographic normalization of TM scenes through the use of an atmospheric correction method and digital terrain models, *PERS*, vol. 59 (12), pp. 1745-53.
- Cook, Elizabeth A. & Louis R. Iverion (1991), Inventory and change detection of urban land cover and Illinois using Landsat Thematic Mapper data, in *1991 ACSM/ASPRS Technical Papers*, vol. 3, pp. 83-92.
- Cosentino, Brein L. & Thomas M. Lillesand (1991), Towards automated statewide land cover mapping in Wisconsin using satellite remote sensing and GIS Techniques, *1991 ACSM/ASPRS Technical Papers*, vol. 3, pp. 93-102.
- Crane, Aaron I., Peter R. Weiler & Frank L. Scarpace (1991), The use of transputers to reduce maximum likelihood classification time, *1991 ACSM/ASPRS Technical Papers*, vol. 3, pp. 103-10.
- Crankell, A.P. et al. (eds)(1989), *Computer Programs for Image Processing of Remote Sensing Data*, University of Dundee, Dundee,
- Cranknell, A.P. & Paithoonwattanakij (1989), Pixel and sub-pixel accuracy in

- geometrical correction of AVHRR imagery, *IJRS*, vol. 10, pp. 661-7.
- Cranknell, A.P. & L.W.D. Hayes (1991), *Introduction to Remote Sensing*, Taylor and Francis, London.
- Cranknell, A.P. & Ladson Hayes (eds) (1990), *Remote Sensing Yearbook, 1990*, Taylor and Francis, London.
- Crompton, Robert F. (1991), Automated extraction of meta-data from remotely sensed satellite imagery, *1991 ACSM/ASPRS Technical Paper*, vol. 3, pp. 111-20.
- Dale, P.F. & J. McLaughlin (1988), *Land Information Management: An Introduction with Special Reference to Cadastral Problems in the Third World Countries*, Oxford University Press.
- Dangermond, J. (1991), Where is GIS technology going ?, *ARC News*, vol. 13, No. 2, pp. 24-5.
- Curran, J.P. et al. (eds)(1988), *Compendium of Cartographic Techniques*, ICA & Elsevier Applied Sciences, London and New York.
- Curran, Paul J. (1985), *Principles of Remote Sensing*, ELBS/Longman, Essex.
- Dasgupta, A.R. (1995), IRS-1C data processing, *SAC Courier*, vol. 20, No. 2, pp. 2-6.
- Davis, W.A. & F.G. Peet (1977), A method of smoothing digital thematic maps, *RSE*, vol. 6, pp. 45-9.
- Deekshatulu, B.L. & Y.S. Rajan (eds) (1984), *Remote Sensing*, Macmillan India Press, Madras.
- Deekshatulu, B.L. (1991), Remote sensing of environment--critical issues, *Photonirvachak*, vol. 19(4), pp. 237-44.
- Deffies, R.S. & J.R.G. Townshend (1994), NDVI-derived land cover classifications at a global level, *IJRS*, vol. 15, No. 17, pp. 3567-86.
- Denegre, J. (ed) (1988), *Thematic Mapping from Satellite Imagery: An International Report*, ICA and Elsevier Applied Sciences, London and New York.
- Derenyi, Eugene E. (1994), Simple techniques for thematic mapping, *ISPRS Journal of Photogrammetry and Remote Sensing*, vol. 49, No.6, pp. 27-31.
- Di Zeno, S., S.D. DeGloria, R. Bernstein & H.G. Kolsky (1987), Gaussian maximum likelihood and contextual classification algorithms for multicrop classification experiments using thematic mapper and multispectral scanner data, *IEEE-TGRS*, GE-22, vol. 6, pp. 37-44.
- Dickenson, H. & H. Calkins (1988), The economic evaluation of implementing GIS, *IJGIS*, vol. 2, No. 4, pp. 307-28.
- Dillworth, Mary E. (1991), Geographic windows in remote sensing : Does windows size matter ? *1991 ACSM/ASPRS Technical Papers*, vol. 3, pp. 122-8.
- Duggin, M.J., R. Rowntree, M. Emmon, N. Hubbard, A.W. Odell, H. Sakhavat & J. Lindsay (1986), The use of multirate multichannel radiance data in urban future analysis, *RSE*, vol. 20, pp. 95-105.
- Durry, S.A. (1990), *A Guide to Remote Sensing : Interpreting Images of the Earth*,

Oxford University Press, Oxford.

- Dutta, Sujay, S.A. Sharma & Ajai (1994), Accuracy assessment in cotton acreage estimation using Indian Remote Sensing Satellite data, *ISPRS Journal of Photography and Remote Sensing*, vol. 49, No. 6, pp. 21-6.
- Ehlers, Manfred, David Greenlee, Terence Smith & Jeffery Star (1991), Integration of remote sensing and GIS: Data and data access, *PERS*, vol. 57(6), pp. 669-75.
- Estes, John E. (1992), Remote sensing and GIS integration : Research needs, status and trends, *ITC Journal*, vol. 1992-1, pp. 2-9.
- Eyre, L.A., B. Addphers & M. Amiel (1970), Census analysis and population studies, *Photogrammetric Engineering*, vol. 36 (5), pp. 460-6.
- Faust, Nickolas L., William H. Anderson & Jeffery L. Star (1991), Geographic information systems and remote sensing future computing environment, *PERS*, vol. 57 (6), pp. 655-68.
- Fernandez, R. Norberto, D. Fabian Lozano-Garcia, Greg Deeds & Chris J. Johannsen (1991), Accuracy assessment of map coordinate retrieval, *PERS*, vol. 57, No. 11, pp. 1447-52.
- Ferrante, R.D., M.H. Carlutto. H. Pomaraede & P.W. Baim (1989), Multispectral image analysis system, *Proceedings of the 1st Conference on Artificial Intelligence Applications*, pp. 357-63.
- Fleming, M.D. & R. M. Hoffer (1979), Machine processing of Landsat MSS data and DMA topographic data for forest cover type mapping, *Proceedings of the Machine Processing of Remotely Sensed Data*, Purdue University, pp. 377-90.
- Forster, B.C. (1985), An examination of some problems and solutions in monitoring urban areas from satellite platforms, *IJRS*, vol. 6, pp. 139-57.
- Forster, B.C. (1980), Urban residential ground cover using Landsat digital data, *PERS*, vol. 46, pp. 547-58.
- Fotheringham, A.S. & P. Rogerson (eds) (1994), *Spatial Analysis and GIS*, Taylor & Francis, London.
- Frank, Andrew U., Max J. Egenhofer & Werner Kuhn (1991), A perspective on GIS technology in the nineties, *PERS*, vol. 57, No. 11, pp. 1433-6.
- Fuller, R.M. & G.B. Groom (1994), The land cover map of Great Britain: An automated classification of Landsat Thematic Mapper data, *PERS*, vol. 60 (5), pp. 553-62.
- George, Nich (1996), GIS & information technology, *GIS Asia Pacific*, vol. 2, No. 2, pp. 34-7.
- Goldberg, M., D.G. Goodenough, M. Alvo & G.M. Karma (1988), A hierarchical expert system for updating forestry maps with Landsat data, *Proceedings of IEEE*, vol. 73, pp. 1054-63.
- Goodchild, Michael F. (ed)(1989), *The Accuracy of Spatial Databases*, Taylor & Francis, London.
- Goodchild, Michael & Sucharita Gopal (eds) (1989), *Accuracy of Spatial*

- Database*, Taylor and Francis, London.
- Gopal, Sucharita & Curtis Woodcock (1994), Theory and methods for accuracy assessment of thematic maps using fuzzy sets, *PERS*, vol. 60 (2), pp. 181-8.
- Gopalan, A.K.S. (1996), Payload for P4 satellite, *SAC Courier*, vol. 21, No. 1, pp. 7-12.
- Gordon, S.J. (1980), Utilizing Landsat imagery to monitor land-use change : A case study of Ohio, *RSE*, vol. 9, pp. 189-96.
- Green, David & David Rix (eds)(1993), *Geographic Information: 1994*, Taylor & Francis, London.
- Green, Kass (1994), Using remote sensing to detect and monitor land-cover and land-use changes, *PERS*, vol. 60 (3), pp. 331-7.
- Gregory, A.F. & H.D. More (1986), Economical maintenance of a national topographical data base using Landsat images, *PERS*, vol. 52 (4), pp. 519-24.
- Gupta, S.C. (1995), India's space launch vehicles, *Photonirvachak*, vol. 23, No. 4, pp. 163-74.
- Gurney, Charlotte M. (1981), The use of contextual information to improve land cover classification of digital remote sensing data, *IJRS*, vol. 2(4), pp. 379-88.
- Gurney, Charlotte M. & J.R.G. Townshend (1983), The use of contextual information in the classification of remotely sensed data, *PERS*, vol. 49(1), pp. 55-64.
- Haack, B., N. Bryant & S. Adams (1987), An assessment of Landsat MSS and TM data for classification, *RSE*, vol. 13, pp. 149-60.
- Haack, Barry & Susan Jampoler (1994), Agricultural classification comparisons using Landsat thematic mapper data, *ITC Journal*, vol. 1994-2, pp. 119-28.
- Haines-Young, Roy, David Green & Steven Cousins (eds)(1993), *Landscape Ecology and Geographical Information Systems*, Taylor & Francis, London.
- Handerson, F.M. (1979), Housing and population analysis, in K. Ford (ed), *Remote Sensing for Planners*, Rutgers Centre for Urban Policy Research, New Brunswick, N.J., pp. 135-54.
- Hardy, E.E. (1982), Remote sensing for land and water resource management, in Johnansen and Sanders (eds), *Remote Sensing for Resources Management*, Soil Conservation Society of America, pp. 3-15.
- Harris, R. (1987), *Satellite Remote Sensing : An Introduction*, Routledge and Kegan Paul, London & New York.
- Harris, R. (1980), Spectral and image processing for remote sensing, *IJRS*, vol. 1, pp. 361-75.
- Healey, R.G. & G.B. Desa (1989), Transputer based parallel processing for GIS analysis : Problems and potentials, *Auto-Carto 9 Proceedings*, April, pp. 90-99.
- Hebbar, K. Jairam, J. Dakshina Murthy, K.M.M. Rao, B. Laxmi, V. Vittal Reddy, R. Joseph Arokiadas, D. Kaveri Devi, D. Chandrashekar, G. Padma Rani & V. Raghu (1996), IRS-1C data products generation and dissemination, *Current*

- Science*, vol. 70, No. 7, pp. 551-61.
- Helfert, M.R. & K. Lulla (1989), Monitoring tropical environments with space shuttle photography, *Geocarto International*, vol. 4 (1), pp. 55-69.
- Hepner, G.F., T. Logan, N. Rittner & N. Bryant (1990), Artificial neural network classification using a minimal training set: comparison to conventional supervised classification, *PERS*, vol. 56(4), pp. 469-73.
- Hixson, M., D. Scholtz & N. Fuhs (1980), Evaluation of several schemes for classification of remotely sensed data, *PERS*, vol. 46 (12), pp. 1547-53.
- Hodgson, Michael E. (1991), Characteristics of the window for neighbourhood analysis of nominal data, *1991 ACSM/ASPRS Technical Papers*, vol. 3, pp. 206-14.
- Hopkin, P.J., A.L. Maclan & T.M. Lillesand (1988), Assessment of Thematic Mapper imagery for forestry applications under Lakes States conditions, *PERS*, vol. 54(1), pp. 61-70.
- Horler, D.N.H. & F.J. Ahern (1986), Forestry information content of Thematic Mapper data, *IJRS*, vol. 7(1), pp. 405-28
- Hudson, W.D. (1987), Evaluating Landsat classification accuracy from forest cover-type maps, *CJRS*, vol. 13(1), pp. 39-42.
- Hunter, Gary (1996), Accuracy and GIS--Why worry about it ?, *GIS Asia Pacific*, vol. 2, No. 2, pp. 16-7.
- Hutchinson, C.F. (1982), Techniques for combining Landsat and ancillary data for digital classification improvement, *PERS*, vol. 48(1), pp. 123-30.
- Ilsaka, J. & E. Hagedus (1982), Population estimates from Landsat imagery, *RSE*, vol. 12, pp. 259-72.
- Indian Society of Geomatics (1996), *Tutorial Notes on Geographic Information System: GIS--The Basics*, Space Applications Centre, Ahmedabad.
- James, M. (1986), *Classification Algorithms*, John Wiley and Sons, New York.
- Jansen, J.R., E.W. Ramsey, J.M. Holmes, J.E. Michel, B. Savitsky & B.A. Davis (1990), Environmental sensitivity Index (ESI) mapping for oil spills using remote sensing and geographical information system technology, *IJGIS*, vol. 4(2), pp. 181-201.
- Jansen, Lucas L.F. (1994), Accuracy of satellite derived land-cover data: A review, *PERS*, vol. 60 (4), pp. 419-26.
- Jansen, J.R., M.E. Hodgson, E.J. Christensen, H.E. Mackey, L.R. Timey & R.R. Sharitz (1986), Remote sensing inland wetlands: A multispectral approach, *PERS*, vol. 52(1), pp. 87-100.
- Jansen, J.R., E.J. Christensen & R.R. Sharitz (1984), Nontidal wetland mapping in South Carolina using airborne multispectral scanner data, *RSE*, vol. 16, pp. 1-12.
- Jansen, John R. (1986), *Introductory Digital Image Processing--A Remote Sensing Perspective*, Prentice-Hall, New York.
- Jayraman, V. & B. Manikiam (1993), *Remote Sensing in India : Facilities &*

- Infrastructure*, National Natural Resources Management System, Department of Space, Technical Report, DOS-NNRMS-TR-97-93, Bangalore.
- Jensen, John R., David J. Cowen & Joanne Halls (1994), Improved urban infrastructure mapping and forecasting for Bellsouth using remote sensing and GIS technology, *PERS*, vol. 60 (3), pp. 339-46.
- Jensen, J.K. & D.L. Toll (1982), Detecting residential land use development at the urban fringe, *PERS*, vol. 48 (4), pp. 629-43.
- Jenson, S.K. & J.O. Domingue (1988), Extracting topographical structure from digital elevation data for geographic information system analysis, *PERS*, vol. 54, pp. 1593-1600.
- Jere, Ajit V. (1996), Computer aided siting analysis--A GIS approach, *GIS India*, vol. 5, No. 1111, pp. 25-8.
- Johannsen, C.T. & J.L. Sanders (eds) (1982), *Remote Sensing for Resources Management*, Soil Conservation Society of America, Ankeny (Iowa).
- Johnsson, Katarina (1994), Segment-based land-use classification from SPOT satellite data, *PERS*, vol. 60 (1), pp. 47-53.
- Justice, C.O. & J.R. Townshend (1994), Data sets for global remote sensing : Lessons learnt, *IJRS*, vol. 15, No. 17, pp. 3621-39.
- Kalyanaraman, S. & R.K. Rajangam (1996), Advanced features and specifications of IRS-1C spacecraft, *Current Science*, vol. 70, No. 7, pp. 501-9.
- Kasturirangan, K., R. Aravamudan, B.L. Deekshatulu, George Joseph & M.G. Chandrasekhar (1996), Indian remote sensing satellite (IRS)-1C--The beginning of a new era, *Current Science*, vol. 70, No. 7, pp. 495-500.
- Kasturirangan, K. (1994), *Sustainable Development and Role of Geomatics (Remote Sensing & Conventional Data Integration)*, Indian Space Research Organisation, Special Report ISRO-SP-68-94, Bangalore.
- Kasturirangan, K. (1995), Remote sensing in India--Present scenario and future thrusts, *Photonirvachak*, vol. 23 (1), pp. 1-11.
- Kelly, Glenn & Joy Hood (1991), AVHRR conterminous United States reference data set, *1991 ACSM/ASPRS Technical Papers*, vol. 3, pp. 232-9.
- Kontones, C., G.G. Wilkinson, A. Burrill, S. Goffredo & J. Megier (1993), An experimental system for the integration of GIS data in knowledge-based image analysis for remote sensing of agriculture, *IJGIS*, vol. 7, pp. 247-262 and vol. 8, p. 489.
- Kudrat, M., S.K. Saha & A.K. Tiwari (1992), Soil resource mapping using IRS 1A LISS II digital data--A case study of Kandi area adjacent to Chandigarh, India, *IJRS*, vol. 4, No. 2, pp. 129-33.
- Kudrat, M. & S.K. Saha (1993), Land productivity assessment and mapping through integration of satellite and terrain slope data, *Photonirvachak*, vol. 21, No. 3, pp. 157-66.
- Kudrat, M., S.K. Saha & A.K. Tiwari (1990), Potential use of IRS-LISS II digital data in soil and landuse mapping and productivity assessment, *Proceedings of*

- the National Symposium on Agricultural Applications of Remote Sensing, New Delhi, pp. 25-34.
- Kudrat, M., S.K. Saha & A.K. Tiwari (1990), The potential of IRS-LISS II digital data for soil mapping and land evolution studies, *Asian Pacific Remote Sensing Journal*, vol. 2, No. 2, pp. 73-8.
- Kumar, Anil & T.C. Sarma (1996), Data reception system for IRS-1C, *Current Science*, vol. 70, No. 7, pp. 534-42.
- Lauer, Donald T., John E. Estes, John R. Jensen & David D. Greenlee (1991), Institutional issues affecting the integration and use of remotely sensed data and geographic information system, *PERS*, vol. 57 (6), pp. 647-54.
- Lee, J., R.C. Weger, S.K. Sengupta & R.M. Welch (1990), A neural network approach to cloud classification, *IEEE Transaction on Geosciences and Remote Sensing*, vol. 28(5), pp. 846-55.
- Lillesand, T.M. (1990), Satellite remote sensing : Its evolution and synergism with GIS technology, *Government Information Quarterly*, vol. 7, No. 3, pp. 307-27.
- Lo, C.P. & F.F. Chan (1980), Rural population estimation from aerial photographs, *PERS*, vol. 46, pp. 337-45.
- Lo, C.P. (1986), Accuracy of population estimation from medium-scale aerial photography, *PERS*, vol. 52, pp. 1859-69.
- Lock, Gary (ed) (1995), *Archaeology and Geographic Information Systems*, Taylor & Francis, London.
- Loveland, Thomas R., James W. Merchant, Donald O. Ohlen & Jesslyn F. Brown (1991), Development of land-cover characteristics database for the conterminous U.S., *PERS*, vol. 57, No. 11, pp. 1453-63.
- Lunetta, Ros S., Russel G. Congalton, Lynn K. Fenstermaker, John R. Jensen, Kenneth C. McGwire & Larry R. Tinney (1991), Remote sensing and geographic information system data integration : Error sources and research issues, *PERS*, vol. 57 (6), pp. 677-87.
- Ma, Z. & C.E. Olson (1989), A measurement of spectral overlap among cover types, *PERS*, vol. 55, No. 10, pp. 1441-4.
- Maguire, D.J., M.F. Goodchild & D.W. Rhind (1991), *Geographical Information Systems : Principles and Applications*, Longman Scientific and Technical Publications, London.
- Majumdar, K.L. (1996), IRS-1C data products, *SAC Courier*, vol. 21, No. 1, pp. 3-4.
- Malingreen, J.P., C. Tucker & N. LaPorte (1989), AVHRR for monitoring global tropical deforestation, *IJRS*, vol. 10 (4), pp. 855-67.
- Marble, D.E. & D.J. Peuquet (1983), Geographic information systems and remote sensing, in R.N. Colwell (ed), *Manual of Remote Sensing*, American Society of Photogrammetry, Falls Church, Virginia, Chapter 22, pp. 923-58.
- Marrow, P.J. & R.H. (1988), The design and implementation of low-land image

- processing algorithms on a transputer network, in I. Page (ed), *Parallel Architecture and Computer Vision*, Oxford Press, pp. 243-59.
- Mason, D.C., D.G. Corr, A. Cross, D.C. Hogg, D.H. Lawrence, M. Petron & A.M. Taylor (1988), The use of digital map data in the segmentation and classification of remotely-sensed images, *IJGIS*, vol. 2(3), pp. 195-215.
- Mather, Paul M. (ed)(1992), *Terra-1: Understanding the Terrestrial Environment: The Role of Earth Observations from Space*, Taylor & Francis, London.
- Max, R. (1990), The TIGER system : Yesterday, today and tomorrow, *Cartography and Geographic Information Systems*, vol. 17, no. 1, pp. 89-97.
- McDonald, Kenneth R. & Deborah J. Blake (1991), Information management challenges of the EOS data and information system, *1991 ACSM/ASPRS Technical Papers*, vol. 3, pp. 258-67.
- Mckeown, D.M. (1987), The role of artificial intelligence in the integration of remotely sensed data with geographic information system, *IEEE-TGRS*, vol. GE-25(3), pp. 330-49.
- Mead, R.A., T.L. Sharik *et al.* (1981), A computerized spatial analysis system for assessing wildlife habitat from vegetation maps, *CJRS*, vol. 7(1), pp. 34-40.
- Mehldan, G. & R.A. Schowengerdt (1990), A C-extension for rule-based image classification systems, *PERS*, vol. 56(6), pp. 887-92.
- Merson, R.H. (1989), An AVHRR mosaic image of Antarctica, *IJRS*, vol. 10 (4 & 5), pp. 669-74.
- Michener, W.K. & J.W. Brunt (eds) (1994), *Environmental Information Management and Analysis*, Taylor & Francis, London.
- Milazzo, V.A. & R.H. DeAngelie (1984), Application of simulated SPOT data to mapping land cover patterns and changes in an urban fringe environment, *Proceedings of the 1984 SPOT Simulation Symposium*, American Society of Photogrammetry, Falls Church, pp. 177-86.
- Moellering, H. (ed) (1991), *Spatial Database Transfer Standards : Current International Status*, ICA & Elsevier Applied Sciences, London and New York.
- Mohie El Deen, F.A. (1991), The use of GIS, GPS and satellite remote sensing to map woody vegetation in Kazagail area, Sudan, *ITC Journal*, vol. 1991-1, pp. 3-10.
- Molenaar, Martien (1989), Towards a geographic information theory, *ITC Journal*, vol. 1989-1, pp. 5-11.
- Morrow-Jones, H.A. (1984), Remote sensing technology and the U.S. Census, *PERS*, vol. 50 (1), pp. 229-12.
- Mounsey, Helen & Roger Tomlinson (eds)(1988), *Building Databases for Global Sciences*, Taylor and Francis, London.
- Muller, Jean-Claude (1991), The cartographic agenda of the 1990s: Updates and prospects, *ITC Journal*, vol. 1991-2, pp. 55-62.
- Muller, Jean-Claude (1993), Latest developments in GIS/LIS, *IJGIS*, vol. 7, No 4,

- pp. 293-303.
- Muller, J.C. (ed) (1991), *Advances in Cartography*, ICA & Elsevier Applied Sciences, London and New York.
- Muller, Jan-Peter (ed) (1988), *Digital Image Processing in Remote Sensing*, Taylor and Francis, London.
- Nag, P. (ed) (1984), *Census Mapping Survey*, Concept Publishing Company, New Delhi.
- Nag, P. (1987), A proposed base for a geographical information system for India, *IJGIS*, vol. 1(2), pp. 181-7.
- Nag, P. (ed) (1992), *Thematic Cartography and Remote Sensing*, Concept Publishing Company, New Delhi.
- Navalgund, R.R., J.S. Parihar, L. Venkataratnam, M.V. Krishna Rao, S. Panigrahy, M.C. Chakraborty, K.R. Hebbar, M.P. Oza, S.A. Sharma, N. Bhagia & V.K. Dadhwal (1996), Early results from crop studies using IRS-1C data, *Current Science*, vol. 70, No. 7, pp. 568-74.
- Nayak, Shailesh, Prakash Chauhan, H.B. Chauhan, Anjali Bahuguna & A. Narendra Nath (1996), IRS-1C applications for coastal zone management, *Current Science*, vol. 70, No. 7, pp. 614-8.
- Nelson, R.F., R.S. Latty & G. Mott (1984), Classifying northern forests with Thematic Mapper simulator data, *PERS*, vol. 50(5), pp. 607-17.
- NRSA (1988), *Landsat Thematic Mapper Data Applications--Illustrated Examples*, National Remote Sensing Agency, Hyderabad.
- NRSA (1995), *Integrated Mission for Sustainable Development--Technical Guidelines*, National Remote Sensing Agency, Hyderabad.
- Ogata, Al (1992), Making the most of today's data conversion methods, *GIS World*, April, pp. 82-6.
- Olorunfemi, J.F. (1984), Land use and population : A linking model, *PERS*, vol. 50 (2), pp. 221-7.
- Oza, M.P. (1989), Selection of band combination of IRS data, *Photonirvachak*, vol. 17, No. 2, pp. 23-6.
- Paine, David P. (1981), *Aerial Photography and Image Interpretation for Resource Management*, John Wiley & Sons, New York.
- Parker, H. Dennison (1991), The role of the private sector in GIS, *PERS*, vol. 57, No. 11, pp. 1465-6.
- Paul, C.K. & A.F. Mascarenhas (1981), Remote sensing in development. *Science*, vol. 214 (4517), pp. 139-45.
- Petrie, Gordon & Abdelazim E.H. El Niweiri (1994), Comparative testing of space images for small-scale topographic mapping of Sudan, *ITC Journal*, vol. 1994-2, pp. 113-8.
- Peuquet, Donna J & Todd Bacastow (1991), Organisational issues in the development of geographical information systems: A case study of U.S. Army topographical information automation, *IJGIS*, vol. 5(3), pp. 303-19.

- Peuquet, Donna J. & Duane F. Marble (eds)(1990), *Introductory Readings in Geographical Information System*, Taylor and Francis, London.
- Polle, V.F.L. (1984), Population estimation from aerial photos for non-homogeneous urban residential areas, *ITC Journal*, vol. 1984-2, pp. 116-22.
- Poller, N.G. & J.C. Colwell (1986), Coarse-resolution satellite data for ecological surveys, *Biosciences*, vol. 36, pp. 468-75.
- Price, Martin & Ian Heywood (eds) (1994), *Mountain Environments and Geographic Information Systems*, Taylor & Francis, London.
- Radhakrishnan, K., S. Adiga, Geeta Vardhan & P.G. Diwakar (1966), Enhanced geographic information system application using IRS-1C data--Potential for urban utility mapping and modelling, *Current Science*, vol. 70, No. 7, pp. 629-37.
- Raghavswamy, V., S.K. Pathan, P. Ram Mohan, R.J. Bhandari & Padma Priya (1996), IRS-1C applications for urban planning and development, *Current Science*, vol. 70, No. 7, pp. 582-8.
- Rao, Mukund, V. V. Jayaraman, K.R. Sridhar Murthy, N. Sampath & M.G. Chandrasekhar (1996), Commercialization of remote sensing--Issues and perspectives, *Current Science*, vol. 70, No 7, pp. 642-7.
- Rao, Mukund, V, Jayaraman & M.G. Chandrasekhar (1994), *Organising Spatial Information Systems Around a GIS Core*, Indian Space Research Organisation, Special Publication, ISRO-NNRMS-SP-70-94.
- Rao, U.R. (1991), Remote sensing for sustainable development, *Photonirvachak*, vol. 19(4), pp. 217-35.
- Rao, U.R. (1989), *The Next 40 Years in Space*, Indian Space Research Organisation, Special Report ISRO-SP-46-89, Bangalore.
- Rao, D.P., N.C. Gautam, R. Nagaraja & P. Ram Mohan (1996), IRS-1C applications in landuse mapping and planning, *Current Science*, vol. 70, No. 7, pp. 575-81.
- Rao, D.P., A. Bhattacharya & P.R. Reddy (1996), Use of IRS-1C data for geological and geomorphological studies, *Current Science*, vol. 70, No. 7, pp. 619-23.
- Rao, D.P., R.R. Navalgund & Y.V.N. Krishnamurthy (1996), Cadastral applications using IRS-1C data--Some case studies, *Current Science*, vol. 70, No. 7, pp. 624-8.
- Rao, Mukund & V. Jayaraman (1995), *Guidelines for GIS Standardisation*, Indian Space Research Organisation, Technical Report ISRO-NNRMS-TR-105-95, Bangalore.
- Raper, Jonathan (ed)(1989), *Three Dimensional Applications in GIS*, Taylor and Francis, London.
- Rhind, D.W. (ed) (1989), *Cartography: Past, Present and Future*, ICA and Elsevier Applied Sciences, London and New York.
- Rhind, D.W. & Helen Mounsey (1990), *Understanding Geographic Information*

System, Taylor and Francis, London.

- Richards, J.A. (1986), *Remote Sensing Digital Image Analysis*, Springer-Verlag.
- Roger, A., L. Charbonneau & F. Bonn (1988), Urbanization and Landsat MSS albedo change in the Windsor-Quebec corridor since 1972, *IJRS*, vol. 9, pp. 555-66.
- Roy, P.S., C.B.S. Dutt, R.N. Yadav, B.K. Rangnath, M.R.S. Murthy, B. Gharai, V. Udaya Lakshmi, A.K. Kandya & P.S. Thakker (1996), IRS-1C data utilization for forestry applications, *Current Science*, vol. 70, No. 7, pp. 606-13.
- Sabins, F.F. (1978), *Remote Sensing: Principles and Interpretation*, W.H. Freeman & G. San Francisco.
- Sadler, G.J. & M.J. Barnsley (1990), Use of population density data to improve classification accuracies in remotely-sensed images of urban areas, *Proceedings of the First European Conference on GIS*, Amsterdam, April 10-13, pp. 968-77.
- Sadowski, F.G., J.A. Sturdevant & R.A. Rowtree (1987), Testing the consistency for mapping urban vegetation with high-altitude aerial photographs, and Landsat MSS data, *RSE*, vol. 21, pp. 129-41.
- Sahai, Baldev (ed) (1988), *Remote Sensing in Agriculture*, Indian Society for Remote Sensing, Ahmedabad Chapter, Ahmedabad.
- Sanyal, A.K. (1991), *Map Projection*, Survey Training Institute, Hyderabad (mimeo.).
- Schwarz, K.P., M.A. Chapman, M.W. Cannon & P. Gong (1993), An integrated INS/GPS approach to the georeferencing of remotely sensed data, *PERS*, vol. 59 (11), pp. 1667-74.
- Sebastian, M., V. Jayaraman & M.G. Chandrasekhar (1995), *Space Technology Applications for Sustainable Development of Watersheds*, Indian Space Research Organisation, Technical Report ISRO-HQ-TR-104-95, Bangalore.
- Sheldon, R.A. (1990), Satellite image analysis using neural networks, in *Proceedings of the 1990 Goddard Conference on Space Applications of Artificial Intelligence*, NASA Goddard Space Flight Center, Greenbelt, MD, pp. 349-55.
- Shivakumar, S.K., K.S. Sarma, N. Nagarajan, M.G. Raykar, H.R. Rao, K.V.S.R. Prabhu & N. Rajan Paramanathan (1996), IRS-1C mission planning, analysis and operations, *Current Science*, vol. 70, No. 7, pp. 516-23.
- Short, N.M. (1989), Accuracy of image mapping from space, *1989 ACSM/ASPRS Technical Papers*, vol. 3, pp. 376-88.
- Siegal, B.S. & A.R. Gillespie (1979), *Remote Sensing in Geology*, John Wiley & Sons, New York.
- Sinclair, Susan (1996), The expanding role of GIS satellites in Asia Pacific, *GIS Asia Pacific*, vol. 2, No. 3, June, pp. 27-32.
- Singh, K.D. (1990), Design of a global tropical forest resources assessment, *PERS*, vol. 56(10), pp. 1353-54.

- Snyder, J.P. (1982), *Map Projection Used by the U.S. Geological Survey*, Geological Survey Bulletin 1532, U.S. Government Printing Office, Washington D.C.
- Srivastava, P.K., B. Gopala Krishna & K.L. Majumdar (1996), Cartography and terrain mapping using IRS-1C data, *Current Science*, vol. 70, No. 7, pp. 562-7.
- Stadelmann, M. & G.D. Lodwick (1993), A rule-based system for the extraction of cartographic features from Landsat TM imagery, *Cartography*, vol. 22, No. 2, pp. 1-8.
- Stahler, A.H. (1981), Stratification of natural vegetation for forest and rangeland inventory using Landsat digital imagery and collateral data, *IJRS*, vol. 2, pp. 15-41.
- Star, Jeffrey & John Estes (1990), *Geographical Information System : An Introduction*, Prentice-Hall, New Jersey.
- Story, M. & R. Congalton (1986), Accuracy assessment : A user's perspective, *PERS*, vol. 52 (3), pp. 397-9.
- Swain, Philip H. & Shirley M. Davis (1978), *Remote Sensing--The Quantitative Approach*, McGraw-Hill Inc., New York.
- Swain, P.H., H.J. Siegel & B.W. Smith (1980), Contextual classification of multispectral remote sensing data using a multi-processor system, *IEEE--TGRS*, GE-18, No. 2, pp. 197-203.
- Thiruvengadachari, S., S. Jonna, K.A. Hakeem, P.V. Raju, V. Bhanumurthy, G. Srinivasa Rao, P.R. Paul, E. Siva Sankar & A.T. Jeyaseelen (1996), Improved water management : The IRS-1C contribution, *Current Science*, vol. 70, No. 7, pp. 589-99.
- Thomas, I.L. (1980), Spatial post processing of spectrally classified Landsat data, *PERS*, vol. 46(a), pp. 1201-26.
- Toll, D.L. (1985), Analysis of digital Landsat MSS and SEASAT SAR data for use in discriminating land cover at the urban fringe of Denver, Colorado, *IJRS*, vol. 6 (7), pp. 1209-29.
- Toll, D.L. (1985), Effect of Landsat Thematic Mapper sensor parameters on land cover classification, *RSE*, vol. 17, pp. 129-40.
- Toll, D.L. (1984), An evaluation of simulated Thematic Mapper data and Landsat MSS data for discriminating suburban and regional land use and land cover, *PERS*, vol. 50 (12), pp. 1713-24.
- Townshend, F.E. (1986), The enhancement of computer classifications by logical smoothing, *PERS*, vol. 52, pp. 213-21.
- Vanghan, R.A. & R.P. Kirby (eds)(1989), *Geographical Information Systems and Remote Sensing for Local Resource Planning*, University of Dundee, Dundee.
- Venkatachary, K.V., P. Soma, V. Jalaramaiah, A. Karuppaiyan, N. Sengupta, O. Chiranjeevi & Y.K. Singhal (1996), TTC network and spacecraft control centre for IRS-1C, *Current Science*, vol. 70, No. 7, pp. 524-33.

- Victorov, Serge (1995), *Regional Satellite Oceanography*, Taylor & Francis, London.
- Wall, Stephen D. & Kenneth W. Ledbetter (1991), *Design of Mission Operations Systems for Scientific Remote Sensing*, Taylor & Francis, London.
- Wang, F. and R. Newkirk (1987), Design and implementation of a knowledge based system for remotely sensed change detection, *Journal of Imaging Technology*, vol. 13 (4), pp. 116-22.
- Watkins, J.F. & H.A. Marrow-Jones (1985), Small area population estimates using aerial photography, *PERS*, vol. 51(12), pp.1933-5.
- Waugh, Tom & Richard Healey (eds)(1994), *Advances in GIS Research*, Taylor & Francis, London.
- Wayumba, G.O. & W.R. Philipson (1985), Remote sensing of shifting cultivation and grazing patterns in Kenya's semi-arid regions, *ITC Journal*, vol. 4, 1985, pp. 261-7.
- Weiler, P.R., & F.L. Scarpace (1990), Using the architecture of the Intel 80287/80387 to optimize maximum likelihood computations, *1990 ACSM/ASPRS Technical Papers*, vol. 4, pp. 475-82.
- Wharton, S.W. (1987), A spectral-knowledge-based approach for urban land cover discrimination, *IEEE--TGRS*, GE-25(1), pp. 272-82.
- Woldai, Tsehale (1995), Lithologic and structural mapping in a vegetated low-relief terrain using multiple-source remotely sensed data : A case study of the Calanas area in southwest Spain, *ITC Journal*, vol. 1995-2, pp. 95-114.
- Worboys, Michael F. (ed) (1994), *Innovations in GIS*, Taylor and Francis, London and Bristol.
- Worboys, M.F. (ed) (1995), *GIS: A Computer Science Perspective*, Taylor & Francis, London.
- Worrall, Les (1994), Justifying investment in GIS : A local government perspective, *IJGIS*, vol. 8(6), pp. 545-65.
- Wright, J.W. (1967), Three types of reconnaissance mapping, *Cartographic Journal*, vol. 2 (1), pp. 16-22.
- Zobrist, Albert L., Nevin A. Bryant, Ronald G. McLeod (1983), Technology for large digital mosaics of Landsat data, *PERS*, vol. 49, No. 9, pp. 1325-35.
- Zubrow, E., K. Allen & S. Green (eds) (1990), *Interpreting Space : GIS in Archaeology and Anthropology*, Taylor and Francis, London.