

References

- Alexander D (1989) Consequences of floods in developing countries: international perspectives for disaster management. In Proceedings of the international seminar on Bangladesh floods: regional and global environmental perspectives. Dhaka, 4-6 March, P11.
- Ali, S.I., and Huq, S., 1989. International sea level rise: a preliminary national assessment of effects and possible responses for Bangladesh. In, Moudud, H. (ed.) Proceedings of the Conference on the Greenhouse Effects and Coastal Area of Bangladesh.
- Amit Kumar, (2005) Application of GIS in Flood Hazard Management: An Alternative Plan for the Floods of North Indian Plain, Map India, New Delhi.
- Andrew F. Haughwout (2000), "The Paradox of Infrastructure Investment," Brookings Review, Summer 2000, pp. 40-43;
- Arya V.S., Chaudhary B.S., Beniwal A., Babu T.P. and Hooda R.S, (1996) Satellite Surveillance for Disaster Mitigation, Proceedings of the Asian Conference on Remote Sensing, Bangkok.
- Bajracharya, D., 1983. Fuel, food or forest? Dilemmas in a Nepali village. World Development, v. 11, p. 1057-1074.
- Boyce, J. K., 1990. Birth of a Megaproject: Political Economy of Flood control in Bangladesh. Environmental Management, vol.14, no. 4, p. 419-428.
- Brammer, H., 1989. Monitoring the evidence of the greenhouse effects and its impacts on Bangladesh. In, Moudud, H. (ed.) Proceedings of the Conference on the Greenhouse Effects and Coastal Area of Bangladesh.
- Brammer, H., 1990. Floods in Bangladesh: geographical background to the 1987 and 1988 floods. Geographical Journal, 156(1), p. 12-22.
- Broadus, J., Milliman, J., and Edwards, S., 1986. Rising sea level and damming of rivers; Possible effects in Egypt and Bangladesh. In, Proceedings of United Nations Environments Programme and the U.S. Environmental Protection Agency: Effects of Change in Stratospheric Ozone and Global Climate. Vol. 4. New York, p. 165-189.
- Burgess, K.A. and Reeve, D.E., 1994. The development of a method for the assessment of sea defences and risk of flooding. Proceedings of 29th MAFF Conference of River and Coastal Engineers, Loughborough, p5.3.1-5.3.12.
- Burke and C.L. Drake (eds.), the Geology of the Continental Margins: New York, Springer-Verlag, p. 617-628.
- Chiradeep Adhikari, (2003) A GIS - Remote Sensing Compatible Rainfall-surface Runoff Model for Regional Level Planning, Map India, New Delhi.

Chowdhury, A.M.R., 1988. The 1987 flood in Bangladesh: an estimate of damage in twelve villages. *Disasters*, v. 12(4), p. 294-300.

Cohen, J., A (1960) coefficient of agreement of nominal scales. *Psychol. Means*, 20, 37–46.

Dregne, H. E., 1987. Soil erosion: Causes and effect. *Land Use Policy*, v. 6, p. 412-418.

Elliott D Sclar, Pietro Garau, Gabriella Carolini, 2005 there are derivedThe 21st century health challenge of slums and cities Instead, the unique social, historic, and urban context One of the key 21st century challenges in population health is the challenge of improving the global urban condition.

Emery, K. O., and Aubrey, D. G., 1989. The Gauges of India. *Journal of Coastal Research*, vol. 5, no. 3, p. 489-501.

Emmel, F.J., and Curray, J.R., 1984. The Bengal Submarine Fan, Northeastern Indian Ocean. *Geo-Marine Letters*, v. 3: 119-124.

Er-Rashid, H., 1978. *Geography of Bangladesh*: Boulder, Colorado, Westview Press, 579 pp.

Falak Nawaz, Mohammad Shafique, (2003), Data Integration for Flood Risk Analysis by using GIS/RS as Tools, Conference Proceedings of Map Asia, Malaysia.

FAO. 1976. Framework for Land Evaluation. *Soil Bull* 32, FAO, Rome.

Farah Aziz, Dr.Nitin Kumar Tripathi, Dr. Ole Mark, Dr. Michiro Kusanagi, (2002) Dynamic Flood Warning System: An Integrated Approach to Disaster Mitigation in Bangladesh, Conference Proceedings of Map Asia, Bangkok

Fattorelli.S et.al. (1999) Flood hazard assessment and mitigation. In floods and landslide: integrated risk assessment, ed. R. Casale and C. Margottono. Berlin: Springer, PP. 19-38.

Frizelle, B. G. and Moody, A., Mapping continuous distribution of land-cover: A comparison of maximum-likelihood estimation and artificial neural networks. *Photogramm. Eng. Remote Sensing*, 2001, 67, 693–705.

Fung, T. and Ledrew, E. 1988, The determination of optimal threshold levels for change detection using various accuracy indices. *Photogramm. Eng. Remote Sensing*, 54, 1449–1454.

Gable, F.J., and Aubrey, D.G., 1990. Potential Coastal Impacts of Contemporary Changing Climate on South Asian Sea States. *Environmental Mannagement*, v. 14, no. 1, p. 33-46.

Geman, S. and Geman, D. 1984, Stochastic relaxation, Gibbs distribution, and the Bayesian restoration of images. *IEEE Trans. Pattern Anal. Mach. Intelligence*, 6, 721–741.

George Galster, et al. (2001), "Wrestling Sprawl to the Ground: Defining and Measuring an Elusive Concept," Housing Policy Debate, Vol. 12, Issue 4, Fannie Mae Foundation

GOB (Government of Bangladesh) and UNDP (United Nations Development Programs), 1989. A Flood Policy for Bangladesh: Mott MacDonald International, Cambridge, England, 6 pp.

Gong, P. and Howarth, P. J. 1990, An assessment of some factors influencing multispectral land-cover classification. Photogramm. Eng. Remote Sensing, 56, 597–603.

Samant, H. P. 2006, has published in Malaysia Flooding potential zonation using conditional probabilities – A case study on Mumbai's monsoonal flooding he derived has After the tragic events of large scale flooding due to torrential rains in Mumbai on 26th –28th August 2005

Hamilton, L. S., 1987. What are the impacts of Himalayan deforestation on the Ganges-Brahmaputra lowlands and delta? Mountain research and Development, v. 7, no. 3, p. 256-263.

Handbook, Institute of Transportation Engineers/Prentice Hall (Englewood Cliffs), 1982.

Harvey Flad (1997), "Country Clutter; Visual Pollution and the Rural Landscape, Annals, AAPSS, 553, Sept. 1997, pp. 117-129.

Hixson, M., Scholz, D., Fuhs, N. and Akiyama, T. 1980, Evaluation of several schemes for classification of remotely sensed data. Photogramm. Eng. Remote Sensing, 46, 1547–1553.

Homberger, Kell and Perkins (1982), Fundamentals of Traffic Engineering, 13 Edition, Institute of Transportation Studies, UCB.

Hossain, M., 1989. Greenhouse effects and the coastal area of Bangladesh: Its people and economy. In, Moudud, H. (ed.) Proceedings of the Conference on the Greenhouse Effects and Coastal Area of Bangladesh.

Hoyle B.S. and R.D. Knowles (1992), Modern Transport Geography, Belhaven (London), p. 54-57.

Hubert-Moy, L., Cotonnec, A., Le Du, L., Chardin, A. and Perez, P. 2001., A comparison of parametric classification procedures of remotely sensed data applied on different landscape units. Remote Sensing Environ., 75, 174–187.

Huddart L. (1978), "Evaluation of the Visual Impacts of Rural Roads and Traffic," TRRL, Report pp.355.

Hurni, H. 1998 (in press). A multi-level stakeholder approach to sustainable land management. Proc of 9th ISCO conf, intro keynote, Bonn. Irrigation and

Flood Control Department. 1995. Report on Effects of 1995 Floods in River Yamuna in Delhi and Proposed Remedial Measures. Govt. of Delhi.

Islam, M. M. and Sado, K. (2000), Development of Flood Hazard Maps of Bangladesh using NOAA-AVHRR Images with GIS, Hydrological Sciences Journal, 45(3), pp- 337-355.

Islam, M.A., 1980. Agricultural adjustments to flooding in Bangladesh: a preliminary report. National Geographic Journal of India, v. 26, p. 50-59.

Ives, J. D., 1989. Deforestation in the Himalayas: the cause of increased flooding in Bangladesh and northern India, Land Use Policy, July Issue, p. 187-192.

Dixon Esseks J., Harvey E. Schmidt and Kimberly L. Sullivan (1999), Fiscal Costs and Public Safety Risks of Low-Density Residential Development on Farmland, Center for Agriculture in the Environment, American Farmland Trust.

John Holtzclaw (1994), Using Residential Patterns and Transit to Decrease Auto Dependence and Costs, National Resources Defense Council.

Jonathan Parkinson 1996, he was focuses on the provision of drainage systems and storm watermanagement strategies in low-income urban settlements.

Joy Sanyal and Xi Xi Lu, (2005) Application of GIS in Flood Hazard Mapping: A Case Study of Gangetic West Bengal, India, Conference Proceedings of Map Middle East, UAE.

K. Smith and R. Ward (1998) Floods: physical processes and human impacts, John Wiley, Chichester.

Keith T. Lawton (2001), The Urban Structure and Personal Travel: an Analysis of Portland,Oregon Data and Some National and International Data, E-Vision 2000 Conference.

Khalequzzaman, Md., 1989. Environmental hazards in the coastal areas of Bangladesh: a geologic approach (summary). In, S. Ferraras and G. Pararas-Carayannis (eds.), Natural and Man- Made Hazards, Proceedings of the International Conference on Natural and Man-Made Coastal Hazards, August 14-21, Ensenada, Mexico, p. 37-42.

Khalequzzaman, Md., 1991. Flood control megaproject in Bangladesh: solution or Problem? Proceedings of the symposium "Bangladesh and Natural Disasters" organized by Canada-Bangladesh Forum, November 24, 1991, Ottawa, 16 pp.

Khalequzzaman, Md., 1992. Feasibility of the flood control megaproject in Bangladesh. International Journal of Environmental Education and Information: University of Salford, Salford, U.K., v 11, no 1, p. 19-24.

Lawal Billa, Shattri Mansor, Ahmad Rodzi Mahmud and Abdul Halim Ghazali, (2004) Integration of RS, GIS and MIKE 11 Hydrodynamic Modeling for Flood Early Warning: A Case Study of the Langat River Basin Malaysia, Conference Proceedings of Map Asia, China.

Lawrence Frank, et al (2006), "Many Pathways From Land Use To Health: Associations Between Neighborhood Walkability and Active Transportation, Body Mass Index, and Air Quality," *Journal of the American Planning Association*, Vol. 72, No. 1 Winter 2006,

Lillesand, T. M. and Kiefer, R. W., *Remote Sensing and Image Interpretation*, John Wiley, NY, 1979, pp. 469–470.

Liu Xiang-nan, Huang Fang and Wang Ping, (2004) Flood Disaster Monitoring and Reporting System Based on Spatial Information and Communication Techniques, Conference Proceedings of Map Asia, China.

Madhava Rao V and Hermon R R, (2004) Developing Model Plan for Flood Disaster Management and Mitigation at Gram Panchayat Level, Conference Proceedings of Map Asia, China.

Maureen Kennedy and Paul Leonard (2001), *Dealing With Neighborhood Change: A Primer on Gentrification and Policy Choices*, Brookings Institute Center on Urban and Metropolitan Policy.

McDonalds, H., 1991. Preventive measures to reduce toll from future storms: learning from disaster. *Far Eastern Economic Review*, May 30, p. 28-29.

McPhee, J., 1989. Atchafalaya. In, *The Control of Nature*: New York, The Noonday Press, p. 1-90.

Michelson, D. B., Liljeberg, B. M. and Pilesjo, P., Comparison of algorithms for classifying Swedish land-cover using Landsat TM and ERS-1SAR data. *Remote Sensing Environ.*, 2000, 71, 1–15.

Milliman, J.D. and Meade, R.H., 1983. World-wide delivery of river sediment to the oceans. *Journal of Geology*, v. 91(1), p.1-21.

Milliman, J.D., Broadus, J.M., and Gable, F., 1989. Environmental and economic implications of rising sea level and subsiding deltas: the Nile and Bengal examples. *Ambio*, v. 18(6), p. 340-345.

Mohapatra.S, Kundu. S. N., Sahoo A. K., Singh R. P, (2001) Damage analysis using OCEANSAT Data after Orissa Super Cyclone, *Journal of GIS and Development*, New Delhi.

Morgan, J.P. and McIntire, 1959. Quaternary Geology of the Bengal Basin, East Pakistan. *Bulletin of the Geological Society of America*, v. 70, p. 319-342.

New York Times, May 12, 1991. Flooding and an Earthquake Rattle Catastrophe-Weary Bangladesh.

Oldeman, L R, R T A Hakkeling and W G Sombroek. 1990. World Map on the Status of Human-Induced Soil Degradation. An Explanatory Note. UNEP, Nairobi, and ISRIS, Wageningen, 26 pp.

Paul, B.K., 1984. Perception and agricultural adjustments to floods in the Jamuna floodplain, Bangladesh. *Human Ecology*, v. 12, p. 3-19.

Pellizzeri, T.M.; Gamba, P.; Lombardo, P.; Dellapos; Acqua, F.; Tortora, A. 2003, Floodmonitoring in urban areas: statistical vs. neurofuzzy approach there are derivedas The paper aims at investigating different classification and segmentation tools for flood monitoring using satellite SAR images

Peter Harnik and Ben Welle (2009), Measuring the Economic Value of a City Park System, The Trust for Public Land's Center for City Park Excellence.

Pilkey, O.H., Morton, R.A., Kelley, J.T., and Penland, S., 1989. Coastal Land Loss - Short Course in Geology, v. 2, 28th International Geologic Congress: Washington, DC, American Geophysical Union, 73 pp.

Pilkey, O.H., Neal, W.J., Monteiro, J.H., and Dias, J.M.A. (1989): Algarve barrier islands: a non coastal plain system in Portugal. *Journal of Coastal Research*, 5/2, 239-261.

Pipkin, B. W. and Cunnings, D., 1983. *Environmental Geology - Practical Exercises*: Belmont, California, Star Publishing Company, 215 pp.

ProClim. 1997. *Forschung zu Nachhaltigkeit und Globalem Wandel - Wissenschaftspolitische Visionen der Schweizer Forschenden*. CASS and ProClim, 32 pp.

Ramalingam. M, Vadivukkarasi.M, (2005) Classification of SAR Data for Flood Inundation Studies, *Journal of GIS and Development*, Vol. 9 Issue 10.

Rao. D. P, (2000) Disaster Management, *Journal of GIS and Development*, New Delhi.

Rashid, H. and Paul, B.K., 1987. Flood problems in Bangladesh: is there any indigenous solution? : *Environmental Management*, v. 11, no., 2, p. 155-173.

Rea Janise Kauffman (2001), *Paving The Planet: Cars and Crops Competing For Land*, Alert, Worldwatch Institute.

Reid Ewing, et al. (2003), "Relationship Between Urban Sprawl and Physical Activity, Obesity, and Morbidity," *American Journal of Health Promotion*, Vol. 18, No. 1

Richard Forman and Robert Deblinger (2000), "The Long Reach of Asphalt," *Conservation Biology*, February 2000.

Richard J. Kuzmyak and Richard H. Pratt (2003), *Land Use and Site Design: Traveler Responseto Transport System Changes*, Chapter 15,

Report 95, Transit Cooperative Research Program;Transportation Research Board.

Richard Sliuzas, 2001, Opportunities for enhancing communication settlement upgrading with GIT based support tools, ITC, The Netherlands

Richard T.T. Forman (2003), et al, Road Ecology: Science and Solutions, Island Press

Robert Burchell, Anthony Downs, Barbara McCann and Sahan Mukherji (2005), Sprawl Costs:Economic Impacts of Unchecked Development, Island Press

Robert Burchell, et al (2002), The Costs of Sprawl – 2000, TCRP Report 74, TRB

Robert W. Burchell and Sahan Mukherji (2003), "Conventional Development Versus Managed Growth: The Costs of Sprawl," American Journal of Public Health, Vol. 93, No. 9, Sept. 2003, pp. 1534-1540.

Robert W. Burchell, Anthony Downs, Barbara McCann, and Sahan Mukherji (2005), Sprawl Costs: Economic Impacts Of Unchecked Development, Island Press.

Roger Few, 1998, has analysis outFlooding, vulnerability and coping strategies: local responses to a global threat Recent scientific outputs suggest that climate change is likely to cause shifts in the global pattern and intensity of flood events.

Sarma. P, (1999) Flood Risk Zone Mapping of Dikrong Sub Basin in Assam, Map India, New Delhi.

Schroder, M., Rehrauer, H., Siedel, K. and Datcu, M., Spatial information retrieval from remote-sensing – Part-II: Gibbs–Markov random fields. IEEE Trans. Geosci. Remote Sensing, 1998, 36, 1446–1455.

Shahjahan, M., 1983. Regional cooperation in the utilization of water resources of the Himalayan Rivers. In, Zaman, M. (ed.) River Basin Development: Dublin, Tycooly International Publishing Ltd., p. 114-130.

Shalash, S. 1982. Effects of sedimentation on the storage capacity of the high Aswan Dam reservoir. Hydrobiologia, 92: 623-639.

Sharma, C.K., 1991. Energy and Environment in Nepal. Ambio, v. XX, no. 3-4, p. 120-123.

Siddiqui, M.F., 1983. Management of river system in the Ganges and Brahmaputra Basin for development of water resources. In, Zaman, M. (ed.) River Basin Development: Dublin, Tycooly International Publishing Ltd., p. 137-149.

Singh Rajesh, Jha Suniti Kumar. 1996. Problems of the Flood Prone Squatter Settlements in Delhi: A Case Study. Indian Institute of Public Administration

Srinanda Sen and Jane Hobson. 2002 Socio-Economic and Spatial Information base on a GIS for integrated and inclusive city development in pune slum. Shelter Associates, Pune India

Srivastava YK, Binod Doley, Pal DK, Das RK, Sudhakar S, Adiga S, Venkatachary KV, Srivastava. SK, (2000) High Resolution Remote Sensing Data & GIS Techniques in Updation of Infrastructure Details for Flood Damage Assessment - A Case Study, Proceedings of the Asian Conference on Remote Sensing, Bangkok.

Stefan Grudemo, Pernilla Ivehammar and Jessica Sandström (2002), Calculation Model For Encroachment Costs Of Infrastructure Investments, Swedish National Road and Transport Research Institute.

Steven Cochrun (1994), "Understanding and Enhancing Neighborhood Sense of Community," Journal of Planning Literature, Vol. 9, No. 1, August 1994, p. 92-99.

Stoddart, D.R. and John, S.P., 1984. Environmental hazards and coastal reclamation: problems and prosperity in Bangladesh. In, Bayliss, T.P., and Wanmali, S. (eds.), Understanding the Green Revolutions: London, Cambridge Univ. Press, p. 339-361.

Strahler, A. H., The use of prior probabilities in maximum likelihood classification of remotely sensed data. Remote Sensing Environ., 1980, 10, 135-163.

Subhrait Guhathakurta (1998), "Who Pays for Growth in the City of Phoenix? An Equity-Based Perspective on Suburbanization," Urban Affairs Review, Vol. 33, No. 5

Swain, P. H. and Davis, S. M. (eds), Remote Sensing: The Quantitative Approach, McGraw-Hill, New York, 1978.

Thapa, G. B. and Weber, K. E., 1991. Soil Erosion in Developing Countries: A Politicoeconomic Explanation. Environmental Management, v. 15, no. 4, p. 461-473.

The Philadelphia Inquirer, October 21, 1991. Powerful Quake Strikes India; In Bangladesh, Flooding gives rise to an Epidemic, p. 3-4 A.

The Times of India, August 25, 1988. Bihar Quake; Brahmaputra set to swallow Dibrugarh, p. 1.

Theo KÖTTER, Germany, 2003 has told about in 2nd FIG Regional Conference Marrakech, Morocco, Prevention of Environmental Disasters by Spatial Planning and Land Management

Ujjwal Sur, Sadhana Jain, B. S. Sokhi, 2004. Identification / Mapping of Slum Environment using IKONOS Satellite Data, Indian Institute of Remote Sensing (NRSA), Dehradun, India.

UNDP (1989): Implementation of Tokten programme in Bangladesh – An Evaluation Report, UNDP, Dhaka.

Van Deusen, P. 1995, Modified highest confidence first classification. *Photogramm. Eng. Remote Sensing*, 61, 419–425.

Venkata Bapalu G., Rajiv Sinha, (2005) GIS in Flood Hazard Mapping: a case study of Kosi River Basin, India, Conference Proceedings of Map Middle East, UAE

Venkatachary K. V., Bandyopadhyay K., Bhanumurthy V., Rao G. S, Sudhakar S., Pal D. K., Das R. K., Utpal Sarma, Manikiam B., Meena Rani H. C and. Srivastava S. K (2001) Defining a Space-based Disaster Management System for Floods: A Case Study for Damage Assessment Due to 1998 Brahmaputra Floods, *Current Science*, Vol. 80, No. 3.

Vinu Chandran R., Ramakrishnan D, Chowdary V. M., Jeyaram A, and Jha A. M, (2006) Flood Mapping and Analysis using Air-Borne Synthetic Aperture Radar: A Case Study of July 2004 Flood in Baghmata River Basin, Bihar, *Current Science*, Vol. 90, No. 2.

Warner, R.F., 1987. Spatial adjustment to temporal variations in flood regime in some Australian rivers. In, Richards, K. (ed.), *River Channels - Environment and Processes*: New York, Basil Blackwell Inc., p. 14-40.

Warner. R.F., 1987: Spatial adjustment to temporal variations in flood regime in some Australian rivers. In Richards, K.S. (ed.), *River Channels, Environment and Process*. Oxford: Blackwell, 14-40.

Warren Hughes and Reza Saremi (1995), Investigation of Crashes With Animals, Highway Safety Information System, FHWA, No. FHWA-RD-94-156.

WBGU. 1996. *Welt im Wandel. Herausforderungen für die deutsche Wissenschaft*. Wissenschaftlicher Beirat der Bundesregierung Globale Umweltveränderungen (WBGU). Jahresgutachten 1996.

WCED. 1987. *Our Common Future*. The World Commission on Environment and Development, G H Brundtland (ed), Oxford.

WOCAT. 1997. *World Overview of Conservation Approaches and Technologies*. A global consortium programme for sustainable land management. CDE, Berne.