

## BIBLIOGRAFIA

- ABARBANEL, H. D. I., "Prediction in chaotic nonlinear systems: time series analysis for aperiodic evolution", *Global Climate and Ecosystem Change*, NATO ASI Series, MacDONALD, G., SERTORIO, L. (ed), vol. 240, Plenum Press, New York, 1989, p. 185-238.
- ABLER, R., ADAMS, J. S., GOULD, P., *Spatial Organization – the geographer's view of the world*, Prentice/Hall International Editions, London, 1971.
- ACKERMAN, B., "Temporal March of the Chicago heat island", *Journal of climate and applied meteorology*, vol. 24, 1985, p. 547-553.
- ADEBAYO, Y. R., "A note on the effect of urbanization on temperature in Ibadan", *Journal of climatology*, vol. 7, Department of geography, University of Sheffield, P. A. Smithson (ed.), 1987, p. 185-192.
- AHRENS, C. D., "Meteorology today: an introduction to weather, climate, and the environment", *Bulletin of the American Meteorological Society*, vol. 73, May, 1992, p. 665.
- AL-ALI, JASEN M. A., *Lead in soil and grass along Manchester arterial roads*, MSc Thesis, unpublished, Geography Department, Manchester, 1990.
- AL-JERASH, M. A., "Climatic subdivisions in Saudi Arabia: an application of principal component analysis", *Journal of climatology*, vol. 5, Department of geography, University of Sheffield, P. A. Smithson (ed.), 1985, p. 307-323.
- ALBISTUR, JAVIER, "Cambios a introducir para potenciar la ciudad como factor de desarrollo", *Las grandes ciudades: debates y propuestas*, RODRÍGUEZ, J. et al. (ed.), Economistas Libros, Madrid, 1991, p.479-488.
- ALBUQUERQUE, J. PINA MANIQUE, "Correlação pluviométrica entre precipitação e frequência no litoral da Península", *Agronomia Lusitana*, nº 3, Sacavém, 1960.
- ALCOFORADO, M. J., "Representação cartográfica das árvores deformadas, ventos dominantes em torno da Serra de Sintra", *Finisterra*, vol. XIX, nº 38, CEG, Lisboa, 1984, p. 137-169.
- ALCOFORADO, M. J., "Reflexões metodológicas em climatologia regional e local (aspectos térmicos)", *Finisterra*, vol. XIII, nº 25, CEG, Lisboa, 1978, p. 108-120.
- ALCOFORADO, M. J., *Os ventos dominantes em torno da Serra de Sintra – a deformação das árvores*, CEG, Lisboa, 1984.

- ALCOFORADO, M.<sup>a</sup> J., "Brisas estivais do Tejo e do Oceano na região de Lisboa", *Finis-terra*, vol. XXII, nº 43, Lisboa, 1987, p. 71-112.
- ALCOFORADO, M.<sup>a</sup> J., "Calendários de probabilidade da temperatura em Portugal", *Finis-terra*, vol. XXII, nº 43, Lisboa, 1987, p. 213-225.
- ALCOFORADO, M.<sup>a</sup> J., *O clima da região de Lisboa. Vento, insolação e temperatura*, FLUL, Lisboa, polic., 1988.
- ALCOFORADO, M.<sup>a</sup> J., "Représentativité temporelle des mesures itinérantes. Exemple de Lisbonne", *Publications de l'Association International de Climatologie*, vol. 3, Pavia, 1989, p. 69-74.
- ALCOFORADO, M.<sup>a</sup> J., "Influence de l'advection sur les champs thermiques urbains à Lisbonne", *Publications de l'Association International de Climatologie*, vol. 4, Fribourg, 1991, p. 29-35.
- ARAÚJO, MARIA ASSUNÇÃO F. P., "Acerca dos terraços do litoral das proximidades do Porto", *Livro de Homenagem a O. Ribeiro*, Lisboa, CEG, 1984, p. 347-355.
- ARAÚJO, MARIA ASSUNÇÃO F. P., "Linhas gerais duma nova metodologia do estudo do litoral. Exemplo da plataforma litoral da região do Porto", *Revista da Faculdade de Letras - Geografia*, 1<sup>a</sup> série, Vol. I, Porto, p. 75-85.
- ARAÚJO, MARIA ASSUNÇÃO F. P., *Evolução geomorfológica da plataforma litoral da região do Porto*, FLUP, Porto, polic., 1991.
- ARLÉRY, R., GRISOLLET, H., GUILMET, B., *Climatologie-méthodes et pratiques*, vol, Gauthiers-Villars Éditeur, Paris, 1973.
- ARYA, S. P., *Introduction to micrometeorology*, Academic Press Inc., London, 1988.
- ATKINSON, B. W., "The reality of the urban effect on precipitation a case study approach", *WMO Technical Note*, 108, World Meteorological Organization, Geneva, 1970, p. 344-362.
- ATKINSON, B. W., *The urban atmosphere*, Cambridge University Press, Cambridge, 1985.
- ATWATER, MARSHALL, "Thermal changes induced by urbanization and pollutants", *Journal of applied meteorology*, vol. 14, 1975, p. 1061.
- ATWATER, MARSHALL, "Urbanization and pollutants effects on the thermal structure in four climatic regions", *Journal of applied meteorology*, vol. 16, 1977, p. 888-895.
- AUSUBEL, J. H., MAUNDER, W. J., "Identifying climate sensitivity", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 85-105.
- AZEVEDO, ANTHIMIO J., "O crescimento urbano e a influência no clima local", *Boletim Informativo INMG*, 59, INMG, Lisboa.
- BACH, WIIFRID, *Our threatened climate – ways of averting the CO<sub>2</sub> problem through rational energy use*, D. Riedel Publishing Company, Dordrecht, Holland, 1984.
- BACHELARD, G., *La formation de l'esprit scientifique*, Vrin, Paris, 1957.
- BAIK, JONG-JIN, "Response of a stably stratified atmosphere to low-level heating – an application to the heat island problem", *Journal of Applied Meteorology*, vol. 31, March 92, p. 291-303.
- BALLING, R. C., CERVENY, R. S., "Long-term associations between wind speeds and the urban heat island of Phoenix, Arizona", *Journal of Climate and Applied Meteorology*, vol. 26, Jun 87, p. 712-716.

- BANSAL, A. K., "The behaviour of bayes decision for normal mean under nonstandard prior: unknown precision", *Statistical, climatology, developments in atmospheric science*, 13, S. Ikeda et al. (ed.), Elsevier scientific publishing Company, 1980.
- BARDESCHI, A., et al., "Analysis of the impact on air quality of motor vehicle traffic in the Milan urban area", *Atmospheric Environment*, vol. 25-B, n° 3, 1991, p. 415-428.
- BARRÈRE, P., CASSOU-MOUNAT, M., *Le document géographique*, Masson & CIE, Paris VI, 1972.
- BARRETT, E. C., *A study of rainfall variations in the Macclesfield-Preston region from 1890-1959*, Univ. Sheffield- Msc Thesis, 1962.
- BARRETT, E. C., "Regional variations of rainfall trends in Northern England, 1900-59", *Institute of British Geographers*, London, 1966.
- BASTO, A. M., *O Porto*, Livraria Bertrand, Lisboa, s/data.
- BATTERMAN, S. A., "Optimal estimators for ambient air quality levels", *Atmospheric Environment*, Part A, vol. 26-A, N° 1, 1992, p. 113-123.
- BEAUJEU-GARNIER, J., *La géographie – méthodes et perspectives*, Masson & Cie, Paris, 1971.
- BENEVOLO, LEONARDO, *The history of the city*, Scholar Press, London, 1980.
- BENNET, R. J., CHORLEY, R. J., *Environmental systems: philosophy, analysis and control*, Methuen, London, 1978.
- BENNET, R., ESTALL, R. (ed.), *Global Change and Challenge – geography for the 1990's*, Routledge, London, 1991.
- BENNETT, M., SAAB, A. E., "Modelling of the urban heat island and of its interaction with pollutant dispersal", *Atmospheric Environment*, vol. 17, n° 9, 1983, p. 1855-1856.
- BERGER, A., DICKINSON, R. E., KIDSON, J. W., (ed.), *Understanding Climate Change*, Washington D. C., American Geophysical Union, 1989.
- BERGER, W. H., LABEYRIE, L. D., (ed.), *Abrupt Climatic Change – evidence and implications*, NATO ASI Series, vol. 216, Plenum Press, New York, 1985.
- BERGSTEN, E. K., "Some characteristics of the dispersion of the annual precipitation in Sweden during the period 1881-1970", *Lund Studies in geography, ser. A, Physical geography*, n° 1, Lund, 1950.
- BESLEAGA, NICOLAS, *La seccheresse en France: 1976-1990*, Meteo-France, 1990.
- BESLEAGA, NICOLAS, *Vagues de froid sur la France et les pays voisins*, Meteo-France, 1991.
- BETTENCOURT, M. L., "A meteorologia ao serviço da viticultura", *Boletim Informativo INMG*, vol. 3, n° 3 e 4, INMG, Lisboa, 1980.
- BETTENCOURT, M. L., "A previsão do tempo e a agricultura", *Boletim Informativo INMG*, vol. 3, n° 3 e 4, INMG, Lisboa, 1980.
- BETTENCOURT, M. L., "O verão em Portugal Continental", *Boletim Informativo INMG*, vol. 3, n° 1 e 2, INMG, Lisboa, 1980.
- BIGG, G. R., "Micrometeorology of a Moorland Lake", *Weather*, vol. 43, n° 6, Published by the Royal Meteorological Society, 1988.
- BILLET, J., JAIL, M., "Caractéristiques climatiques et développement urbain: l'exemple de la cuvette grenobloise", *Revue de géographie Alpine*, Grenoble, 60, 1972, p. 253-259.
- BIRD, E. C. F., "Physiographic indications of sea-level rise", *Greenhouse, Planning for Climate Change*, CSIRO – Division of Atmospheric Research, PEARMAN, G. I., (ed.), Melbourne, Australia, 1989, p. 60-73.

- BIROT, P., *Portugal*, Coleção Horizonte, 31, Livros Horizonte, Lisboa, s/d.
- BITAN, ARIEH, "The high climatic quality city of the future", *Atmospheric Environment*, Part B, vol. 26-B, Sept. 92, p. 313-329.
- BIZJAK, M., et al., "Spatial and temporal variations of aerosol sulfate and trace elements in a source dominated urban environment", *Atmospheric Environment*, vol. 22, nº 12, 1988, p. 2851-2862.
- BLECKERT, H., *A geografia económica marxista I*, Iniciativas Editoriais, col. séc. XX/XXI, Lisboa, 1977.
- BOLEA, M. T. E., *Las evaluaciones de impacto ambiental*, CIFCA, MADRID, 1980.
- BOLEA, M.ª TERESA ESTEVAN, *Impacto ambiental de centrales nucleares*, CIFCA - Centro Internacional de Formação en Ciencias Ambientales, Madrid, 1976.
- BONNER, FRANK W., BRIDGES, JAMES W., "Toxicological properties of trace elements", *Trace Elements in health*, Butterworth & Co, London, 1983, p. 1-16.
- BORGES, F. S., MARQUES, M., NÓRÖNHA, F., "Excursão geológica no Complexo Gnaissico da Foz do Douro", *IX Reunião de Geologia do Oeste Peninsular (Livro-Guia das Excursões a realizar em Portugal)*, F.C.U.P., Porto, 1985, polic.
- BORNSTEIN, R., "The two dimensional URBMET urban boundary layer model", *Journal of Applied Meteorology*, vol. 14, nº 8, American Meteorological Society, 1975, p. 1459-1477.
- BORNSTEIN, R. et al., "Application of linked three-dimensional PBL and dispersion models to New York city", *Air pollution modeling and its application*, Wispealaere et al., 1986.
- BORNSTEIN, R., FONTANA P. H., THOMPSON W. T., "Frictional retardation of sea breeze front penetration in the New York City and its implications for pollutant distribution", *WMO Symposium on Boundary Layer Physics Applied to Specific Problems of Air Pollution*, Norrköping, 1978.
- BORNSTEIN, R., GAFFEN, D. J. "Observations of three-dimensional SO<sub>2</sub> distributions in an urban coastal environment", *Fourth Joint Conference on Applications of Air Pollution Meteorology*, Portland, 1984.
- BORNSTEIN, R., JOHNSON, D. S., "Urban-rural wind velocity differences", *Atmospheric Environment*, vol. 11, Pergamon Press, 1977, p. 597-604.
- BORNSTEIN, R., KLOTZ S., "Simulations of the coastal urban boundary layer over NYC using a three-dimensional higher order turbulence closure model", *AMS Conference on turbulence and diffusion*, Boulder, Colorado, 1985.
- BORNSTEIN, R., RUNCA, ELI, "Preliminary investigations of SO<sub>2</sub> patterns in Venice, Italy using linked PBL and K-models, including removal processes", *Joint Conference on Applications of Air Pollution Meteorology*, Salt Lake City, Utah, 1977.
- BOWEN, MICHAEL (COLL.), "Air pollution", *Environmental science & technology*, vol. 3-6, ACS Reprint Collection, Washington D. C., 1973.
- BOWLER, P. J., *The Environmental Sciences*, Fontana Press, London, 1992.
- BOWONDER, B., "Environmental problems in developing countries", *Progress in physical geography*, vol. 11, nº 2, Edward Arnold, 1987.
- BOYDEN, S., MILLAR, S., NEWCOMBE, K., O'NEILL, B., *The ecology of a city and its people*, Australian University Press, Camberra, 1981.
- BRÁZDIL, R., SAMAJ, F., VALOVIC, S., "Variation of spatial annual precipitation sums in central europe in the period 1881-1980", *Journal of climatology*, vol. 5, Sheffield, 1985, p. 617-631.

- BREWER, G. D., "Methods for synthesis: policy exercises", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 455-477.
- BROOKS, H., "The typology of surprises in technology, institutions and development", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 325-348.
- BRYANT, E., "Sea-level variability and its impact within the greenhouse scenario", *Greenhouse, Planning for Climate Change*, CSIRO – Division of Atmospheric Research, PEARMAN, G. I., (ed.), Melbourne, Australia, 1989, p. 135-147.
- BRYCE-SMITH, D., STEPHENS, R., "Sources and effects of environmental lead", *Trace elements in Health*, Butterworth & Co, London, 1983, p. 83-117.
- BRYSON, R. A., MURRAY, T. J., *Climates of hunger*, Wisconsin University Press, Wisconsin, 1977.
- BRYSON, R. A., "Civilization and rapid climatic change", *Environmental Conservation*, vol. 15, n° 1, 1988, p. 7-15.
- BRYSON, R. A., "Late Quaternary volcanic modulation of Milankovitch climate forcing", *Theoretical and Applied Climatology*, n° 39, Springer-Verlag, 1989, p. 115-125.
- BRYSON, R. A., "Modelling the NW India monsoon for the last 40000 years", *Climate Dynamics*, n° 3, Springer-Verlag, 1989, p. 169-177.
- BRYSON, R. A., GOODMAN, B. M., "Milankovitch and global ice volume simulation", *Theoretical and Applied Climatology*, n° 37, Springer-Verlag, 1986, p. 22-28.
- BRUGMANN, JEB, "Global environmental response through a local ecosystems management network", *Ekistics – The problems and science of human settlements*, vol. 59, n° 352/353, 1992, Atenas, p. 78-83.
- BUDYKO, M. I., *Climate and life*, DAVID H. MILLER (ed.), Academic Press, New York, 1974.
- BUNYARD, P., GOLDSMITH, EDWARD, *Gaia and evolution*, Proceedings of the Second Annual Camelford Conference on the Implications of the Gaia Thesis, Abbey Press, Camelford, Cornwall, 1989.
- BUISHAND, T. A., "Urbanization and changes in precipitation, a statistical approach", *Journal of hydrology*, 40, 1979, p. 365-375.
- BUTLER, J., *Air pollution chemistry*, Academic Press, London, 1979.
- BUTLIN, R. N., et al., "Preliminary results from the analysis of metal samples from the national materials exposure programme", *Atmospheric Environment*, vol. 26-B, n° 2, 1992, p. 199-206.
- BUTTEL, F. H., HAWKINS, A. P., POWER, A. G., "From limits to growth to global change", *Global Environmental Change*, vol. 1, n° 1, December, Butterworth-Heinemann Ltd, 1990, p. 57-66.
- BUTZER, K. W., "Accelerated soil erosion: a problem of man-land relationships", *Perspectives on environment*, Association of American Geographers, public. n° 13, Washington, 1974.
- CABRAL, J., RIBEIRO, A., *Carta neotectónica de Portugal de escala 1:1000000 (nota explicativa)*, Serv. Geol. de Portugal, Lisboa, 1989.
- CALVET, C., "Les mesures météorologie en milieu urbain", *Physio-Géo*, n° 16, Paris, 1986, p. 11-16.
- CÂMARA MUNICIPAL DO PORTO, *Plano Geral de Urbanização*, Porto, 1983.

- CAMPAR, A., "O concelho de Anadia do Cártima ao rebordo montanhoso – um contributo da geografia física para o urbanismo", *Cadernos de Geografia*, nº 7, IEG, Coimbra, 1988.
- CAMPOS, EZEQUIEL, *Plano da cidade do Porto – Prólogo*, CMP, Porto, 1932.
- CAMUFFO, D., "Acid rain and deterioration of monuments: how old is the phenomenon?", *Atmospheric Environment*, vol. 26-B, nº 2, 1992, p. 241-247.
- CAPDEVILA, M. B., "Problemática actual de los estudios de paisaje integrado", *Revista de Geografía*, vol. XV, Barcelona, 1981, p. 45-68.
- CAPEL, H., URTEAGA, L., *Las nuevas geografías*, Aula Abierta Salvat, Barcelona, 1984.
- CAPEL, HORACIO, *Filosofía y ciencia en la geografía contemporánea – una introducción a la geografía*, Barcanova – temas universitários, Barcelona, 1983.
- CARDOSO, ABÍLIO S., *Área metropolitana do Porto: que futuro?* Comissão de Coordenação da Região Norte, Série Perspectivas nº 3, Porto, 1990.
- CARDOSO, ABÍLIO S., *De ponte a ponte: o processo de urbanização da Área Metropolitana do Porto desde os anos cinquenta*, Comissão de Coordenação da Região Norte, Série Perspectivas nº 4, Porto, 1990.
- CARLSSON, JAN O., "Políticas de medio ambiente europeas", *Las grandes ciudades en la década de los noventa*, BORJA, JORDI et al. (ed.), Editorial Sistema, Madrid, 1990, p. 371-388.
- CARMICHAEL, GREGORY R., PETERS, LEONARD, K., "Some aspects of SO<sub>2</sub> absorption by water-generalized treatment", *Atmospheric Environment*, vol. 13, Pergamon Press, Great Britain, 1979, p. 1505-1513.
- CASTELLS, MANUEL, "Estrategias de desarrollo metropolitano en las grandes ciudades españolas: la articulación entre crecimiento económico y calidad de vida", *Las grandes ciudades en la década de los noventa*, BORJA, JORDI et al. (ed.), Editorial Sistema, Madrid, 1990, p. 17-64.
- CASTRO, J., *Geopolítica da fome*, Brasília Editora, Lisboa, 1974.
- CENTRE FOR URBAN ECOLOGY (CUE), *The urban environment – a source book for the 1990's*, CUE, Birmingham, 1990.
- CERVENY, R. S., BALLING, R. C., "Constable: a simple one dimensional climate model for climatologists in geography", *Professional geographer*, 36(2), Association of American geographers, New York, 1984, p. 188-196.
- C.G.E., *Livro Verde sobre o Ambiente Urbano*, Direcção-Geral do Ambiente, Segurança Nuclear e Proteção Civil, Bruxelas, 1991.
- C.G.A. da área do Porto – gab. técnico, *A qualidade do ar na área do Porto em 1986/87 – sua evolução desde 1968*, CCRN, Porto, 1988.
- C.G.A. da área do Porto – gab. técnico, *A qualidade do ar na área do Porto em 1987/88 – sua evolução desde 1968*, CCRN, Porto, 1989.
- C.G.A. da área do Porto – gab. técnico, *A qualidade do ar na área do Porto em 1988/89 – a sua evolução desde 1986*, CCRN, Porto, 1989.
- CHAMPALIMAUD, CARLOS BARREIROS MONTEZ, "Febre tifóide" in *Monografias do Porto-Foz do Douro*, Porto, 1901.
- CHANDLER, T. J., *Urban climatology – inventory and prospect (an introductory lecture)*, separata do original, Biblioteca do Departamento de Geografia da Universidade de Manchester, s/data.

- CHANDLER, T. J., "London climatological survey", *Int. J. Air Wat. Poll.*, vol. 7, Pergamon Press, Great Britain, 1963, p. 959-961.
- CHANDLER, T. J., *The climate of London*, Hutchinson of London, London, 1965.
- CHANDLER, T. J., "Absolute and relative humidities in towns", *Bull. of the American Meteorological Society*, n° 48, USA, 1967, p. 394-399.
- CHANDLER, T. J., *The management of climatic resources*, (an inaugural lecture delivered at University College London), H. K. Lewis & Co, London, 1970.
- CHANDLER, T. J., "Urban climatology and its relevance to urban design", *WMO Technical Note n° 149*, Genève, 1976.
- CHANDLER, T. J., "The Royal Commission on Environmental Pollution and the control of air pollution in Great Britain", *AREA*, vol. 8, n° 2, Institute of British Geographers, 1976, p. 87-92.
- CHANDLER, T. J., "Urban climates and the natural environment", *Int. J. Biometeor.*, vol. 20, n° 2, 1976, p. 128-138.
- CHANG, T. Y., NORBECK, J. M., WEINSTOCK, B., "Ambient temperature effect on urban CO air quality", *Atmospheric Environment*, vol. 14, Pergamon Press, Great Britain, 1980, p. 603-608.
- CHANGNON, S. A., "The La Porte anomaly - fact or fiction?", *Bull. Amer. Met. Soc.*, 49, 1968, p. 4-11.
- CHANGNON, S. A., "Recent studies of urban effects on precipitation in the United States", *WMO Technical Note*, 108, World Meteorological Organization, Geneva, 1970, p. 327-343.
- CHANGNON, S. A., "Atmospheric alterations from man-made biospheric changes", *Modifying the weather: a social assessment*, W. R. D. SEWELL (ed.), Univ. Victoria, Adelaide, 1973, p. 135-184.
- CHANGNON, S. A., "Urban effects on severe local storms at St. Louis", *J. App. Meteor.*, 17, 1978, p. 578-586.
- CHANGNON, S. A., "More on the La Porte anomaly: a review", *Bull. Amer. Met. Soc.*, 61, 1980, p. 702-711.
- CHANGNON, S. A., "Inadvertent weather modification in urban areas: lessons for global climate change", *Bulletin of the American Meteorological Society*, vol. 73, May 92, p. 619-627.
- CHANGNON, S. A., Jr. HUFF, F. A., SEMONIN, R. G., "Metromex. An investigation of inadvertent weather modification", *Bull. Amer. Met. Soc.*, 52, 1971, p. 958-967.
- CHAUBEY, Y. P., "Testing homogeneity of variance of a series of linear models", *Statistical, climatology, developments in atmospheric science*, 13, S. Ikeda et al. (ed.), Elsevier Scientific Publishing Company, 1980.
- CHORLEY, R. J., BARRY, R. G., *Atmósfera tiempo y clima*, segunda ed., Omega SA, Barcelona, 1978.
- CLARK, E. C., BORNSTEIN, R., TAM, Y. T., "Current and potential anthropogenic moisture effects on the New York City Planetary Boundary Layer", *JAPCA*, vol. 35, n° 8, 1985, p. 831-835.
- CLAVAL, P., *A nova geografia*, Livraria Almedina, Coimbra, 1978.
- CLAVER FARIAS, I. (coord), *Guía para la elaboración de estudios del medio físico: contenido y metodología*, 2ed., Min. Obras Públicas y Urbanismo, Madrid, 1984.

- CLOZIER, R., *Histoire de la géographie*, Que sais-je, PUF, Paris V, 1972.
- COELHO, A. G., "Análise cartográfica da estabilidade de taludes para o planeamento urbano", *Geotecnia – Revista da Sociedade Portuguesa de Geotecnia*, nº 26, Lisboa, 1979.
- COELHO, JOAQUIM GUILHERME GOMES, *Da importância dos estudos meteorológicos para a medicina*, Porto, 1861.
- COHMAP MEMBERS, "Climatic changes of the last 18000 years: observations and model simulations", *Science*, vol. 241, American Association for the Advancement of Science, 1988, p. 1043-1052.
- COLE, D. A., McLAREN, N. E., "Planning systems and the greenhouse effect", *Greenhouse Planning for Climate Change*, CSIRO – Division of Atmospheric Research, PEARMAN, G. I., (ed.), Melbourne, Australia, 1989, p. 680-693.
- CORTESE, A. D., "Clearing the air (sources of outdoor contamination)", *Environmental Science & Technology*, vol. 24, Apr. 90, p. 442-444.
- COSTA, C., TEIXEIRA, C., *Carta Geológica de Portugal. Notícia Explicativa da folha 9-C (Porto)*, Lisboa, 1957.
- CREUTIN, J. D., OBLED, C., "Objective analysis and mapping techniques for rainfall fields: an objective comparison", *Water resources research*, vol. 18, nº 2, American Geophysical Union, 1982, p. 413-431.
- CUNHA, LÚCIO, "Tipos de tempo no Norte e Centro de Portugal", *Biblos*, LIX, Coimbra, 1983, p. 161-182.
- CUNHA, O. S., RAMOS, F. A. O., *Iniciação à estatística*, – vol. I, Economia e Empresa/3, Figueirinhas, Porto, s/data.
- CUNHA, O. S., RAMOS, F. A. O., *Iniciação à estatística*, – vol. II, Economia e Empresa/3, Figueirinhas, Porto, s/data.
- DAGNELIE, P., *Estatística – teoria e métodos* – 2º volume, Publicações Europa-América – Biblioteca Universitária, Lisboa, 1973.
- DAILY, G. C., EHRLICH, P. R., "An exploratory model of the impact of rapid climate change on the world food situation", *Simulation*, vol. 59, Nov. 92, p. 348-351.
- DAJOZ, ROGER, *Ecologia Geral*, 4ª ed., Vozes, Petrópolis, 1983.
- DANSEREAU, P. (ed.), *Challenge for survival, land, air, and water for man in megalopolis*, Columbia University Press, New York, 1970.
- DARMSTADTER, J., "Energy patterns-in retrospect and prospect", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 140-168.
- DARWIN, C. G., "The time scale in human affairs", *Man's role in changing the face of the earth*, THOMAS, W. L. (ed.), The University of Chicago Press, Ltd., London, 1970, p. 963-970.
- DAUPHINÉ, A., "L'analyse factorielle: ses contraintes mathématiques et ses limites en géographie", *L'Espace Géographique*, 1, Paris, 1973, p. 74-80.
- DAVEAU, S., "Répartition géographique des pluies excepcionnellement fortes au Portugal", *Finisterra*, vol. VII, nº 13, Lisboa, 1972, p. 5-28.
- DAVEAU, S., "Influence de la continentalité sur le rythme thermique au Portugal", *Finisterra*, vol. X, nº 19, Lisboa, 1975, p. 5-52.
- DAVEAU, S., *O ambiente geográfico natural – aspectos fundamentais*, Imprensa Nacional, Col. Manuais Escolares, Lisboa, 1976.

- DAVEAU, S., "Répartition et rythme des précipitations au Portugal", *Memórias do CEG*, nº 3, Lisboa, 1977.
- DAVEAU, S., "O interesse das imagens dos satélites ERTS para o estudo do clima às escalas regional e local em Portugal", *Finisterra*, vol. XII, nº 23, CEG, Lisboa, 1977, p. 148-156.
- DAVEAU, S., "Os temporais de Fevereiro e Março de 1978", *Finisterra*, vol. XIII, nº 26, Lisboa, 1978, p. 236-260.
- DAVEAU, S., "A utilização possível dos registos de satélites em infravermelho térmico na climatologia regional", *Cadernos de Teledetectação*, CEG, INIC, Lisboa, 1980.
- DAVEAU, S., "Les températures des 3 et 4 Juillet 1978, au Portugal et dans l'ouest de l'Espagne, d'après les satellites météosat et HCMM", *Finisterra*, vol. XVII, nº 33, Lisboa, 1982, p. 53-96.
- DAVEAU, S., "Mapas climáticos de Portugal – Nevoeiro e nebulosidade. Contrastos térmicos", *Memórias do CEG*, nº 7, Lisboa, 1985.
- DAVEAU, S., et al. *Geografia de Portugal, I – A Posição Geográfica e o Território*, Edições João Sá da Costa, Lisboa, 1987.
- DAVEAU, S., et al. *Geografia de Portugal, II – O ritmo climático e a paisagem*, Edições João Sá da Costa, Lisboa, 1988.
- DAVID, HENRIQUE, "A mortalidade no Porto em finais do séc. XIX", *Actas de O Porto Contemporâneo*, Porto, 1989.
- DAWSON, ALASTAIR, *Global climate change, Contemporary Issues in Geography*, Oxford University Press, Oxford, 1992.
- DELANNOY, H., LECOMPTÉ, M., "Utilisation de l'analyse factorielle des correspondances pour l'étude des précipitations quotidiennes: un exemple au Maroc", *Méditerranée – Revue géographique des pays méditerranéens*, 3<sup>a</sup> série, nº 4, Aix-Marseille, 1980.
- DELLANNOY, H., LECOMPTÉ, M., ROMANE, F., "Étude des températures quotidiennes dans le moyen-atlas et ses bordures, analyse multivariée et situations atmosphériques", *Recueil de méthodes phytogéologiques*, École d'Emberger, fasc. 10, 1978.
- DEPARTMENT OF THE ENVIRONMENT, *Land use planning policy and climate change*, London, 1992.
- DETTLWILLER, J., *Évolution séculaire du climat de Paris. Influence de l'urbanisation*, Mémorial de la Meteorologie Nationale, 52, Paris, 1970.
- DETWYLER, T. R., MARCUS, M. G., *Urbanization and environment*, Duxbury Press, Belmont, 1975.
- DICKINSON, R. E., "Impact of human activities on climate – a framework", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 252-289.
- DJEN, C. S., "The urban climate of Shanghai", *Atmospheric Environment*, vol. 26-B, nº 1, 1992, p. 9-15.
- DOLFUS, O., *L'espace géographique*, PUF, PARIS.
- DOMINGUES, A. A. G., "A geografia regional vidaliana", *Revista da Faculdade de Letras, Geografia*, vol. I, Fac. Letras, Univ. Porto, Porto, 1985.
- DOMINGUES, A. A. G., "Terciarização e centralidade: Tendências locativas dos serviços à actividade produtiva e reconfiguração da rede urbana no NW de Portugal", *1º Encontro da APDR*, Aveiro, 1990.

- DOORNKAMP, J. C., *Global Warming: Climate Change and rising sea levels: a bibliography*, Long Eaton: M1 Press, 1990.
- DOUGHTY, R., "The human predator: a survey", *Perspectives on environment*, Association of American Geographers, public. n° 13, Washington, 1974.
- DOUGLAS, I., *The urban environment*, Edward Arnold, London, 1983.
- DOUGLAS, I., "The rain on the roof: a geography of the urban environment", *Horizons in Human Geography*, GREGORY, D., WALFORD, R. (ed.), London, 1989, p. 217-238.
- DOUGUEDROIT, ANNICK, "The variations of dry spells in Marseilles from 1865 to 1984", *Journal of Climatology*, vol. 7, Royal Meteorological Society, 1987, p. 541-551.
- DOUGUEDROIT, ANNICK, et al., "Variations des précipitations annuelles en Afrique Orientale", *ER 30 CNRS-GRENOBLE*, Aix MARSEILLE II, 1988.
- DRAIN, M., *Geografia da Península Ibérica*, Livros Horizonte, Lisboa, 1964.
- DRAXLER, R. R., "Simulated and observed influence of the nocturnal urban heat island on the local wind field", *Journal of Climate and Applied Meteorology*, vol. 25, Aug. 86, p. 1125-1133.
- DRAXLER, R. R., "One year of tracer dispersion measurements over Washington, D. C.", *Atmospheric Environment*, vol. 21, n° 1, 1987, p. 69-77.
- DRISCOLL, D. M., "Human Health", *Handbook of applied meteorology*, David D. Houghton Wiley, Interscience, New York, 1985, p. 778-814.
- DUVIGNEAUD, P. *A síntese ecológica*, Socicultura, Lisboa, 1974.
- EBDON, DAVID, *Statistics in geography*, second ed., Basil Blackwell Ltd, Oxford, 1988.
- ECSEDY, C. J., MURPHY, C. G., "Global climate warming", *Water Environment Research*, vol. 64, Jun. 92, p. 647-653.
- EGGLESTON, S., HACKMAN, M., HEYES, C., "Trends in urban air pollution in the United Kingdom during recent decades", *Atmospheric Environment*, Part B, vol. 26-B, Jun. 92, p. 227-239.
- EHRENDORFER, M., "A regionalization of Austria's precipitation climate using principal component analysis", *Journal of climatology*, vol. 7, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1987, p. 71-89.
- EINSTEIN, A., INFELD, L., *L'Evolution des idées en Physique*, Flammarion, Paris, 1948.
- EL-HINNAWI, ESSAM, "The world environment: which way now?", *Mazingira – The international journal for environment and development*, vol. 6, n° 1, Mazingira Ed., U.K., 1982.
- ELSMOM, DEREK, *Atmospheric Pollution*, Basil Blackwell Ltd, Oxford, 1989.
- ENDLICHER, W., "L'îlot de chaleur urbain d'Annecy. Quelques remarques sur le climat local d'une ville alpine", *Révue de Géographie Alpine*, LXIX, 3, Grenoble, 1981, p. 407-420.
- EPPEL, D., LAVE, L. B., "Scenario analysis", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 511-529.
- ESCOURROU, G., "Climatologie Appliquée et mesures des températures", *Physto-Géo*, n° 16, Meudon, Paris VIII, 1986, p. 3-9.
- ESCUDERO, J. C., "Health, nutrition and human development", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 251-273.

- ESSENWANGER, O. M., "On red noise and quasi-periodicity in time series of atmospheric temperature", *Statistical, climatology, developments in atmospheric science*, 13, S. Ikeda et al. (ed.), Elsevier scientific publishing company, 1980.
- ESTIENNE, P., GODARD, A., *Climatologie*, Armand Colin, col. U, Paris V, 1970.
- EVANS, I. O., *O planeta Terra*, Edições Melhoramentos, Editora da Universidade de São Paulo, São Paulo, 1970.
- EXLINE, C. H., PETERS, G. L., LARKIN, R. P., *The city, patterns and processes in the urban ecosystem*, Westview Press, Colorado, 1982.
- FALLOT, J.-M., ALCOFORADO, M. J., "Mesures de l'influence de l'ilot de chaleur de Lisbonne sur les écoulements régionaux en été", *Actes des Journées de Climatologie de Liège*, Liège, 1988, p. 57-74.
- FARHAR-PILGRIM, BARBARA, "Social Analysis", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 323-351.
- FEIO, M., HENRIQUES,V., "As secas de 1980-81 e de 1982-83 e as principais secas anteriores – intensidade e distribuição regional", *Memórias do Centro de Estudos Geográficos*, nº 10, Lisboa, 1986.
- FERNANDES, J. A. R., "A Foz", *Revista da Faculdade de Letras – Geografia*, I Série, vol. III, Porto, 1987, p. 13-56.
- FERRÃO, J., "Terciarização e território: emergência de novas configurações espaciais?", *Análise Social*, vol. XXVI, 114, 1991, p. 829-845.
- FERREIRA, A., "Duração e intensidade da estação seca em Portugal", *Boletim do Centro de Estudos Geográficos*, 6-7, Coimbra, 1953.
- FERREIRA, DENISE BRUM, "Contribution à l'étude des vents et de l'humidité dans les îles centrales de l'archipel des Açores – vol. 1", *Linha de Acção de Geografia Física*, Relatório nº 9, CEG, Lisboa, 1980.
- FERREIRA, DENISE BRUM, *Le climat de l'Atlantique oriental des Açores aux îles du Cap Vert. Contribution à l'étude du système océan-atmosphère*, Thèse de Doctorat d'Etat, Paris, 1989.
- FERREIRA, DENISE BRUM, "La pollution photochimique de l'atmosphère urbaine. Le cas de l'ozone à Lisbonne/Portela", *Linha de Acção de Geografia Física*, Relatório nº 29, CEG, Lisboa, 1991, p. 47-97.
- FERREIRA, DENISE BRUM, FERREIRA, ANTÔNIO BRUM, *Alguns aspectos da seca invernal de 1980-81 em Portugal*, Linha de Acção de Geografia Física, 13, CEG, Lisboa, 1981.
- FERREIRA, H. AMORIM, "Valores médios dos elementos climáticos no território nacional em 1921-1950", *O clima de Portugal*, fascículo IX, SMN, Lisboa, 1956.
- FERREIRA, H. AMORIM, "Normais climatológicas do Continente, Açores e Madeira correspondentes a 1931-1960", *O clima de Portugal*, fascículo XIII, SMN, Lisboa, 1970.
- FERREIRA DA SILVA, "As águas", *Contribuições para a Higiene da cidade do Porto*, Porto, 1889.
- FEVROT, Ch., LEROUX, G., *Meteorologia*, Almedina, Coimbra, 1976.
- FIGUEIRA, M., CARVALHO, R., GONÇALVES, C., SANTOS, J., "A meteorologia e os problemas urbanos", *Divisão de protecção do ar, proj. investigação I2 do PIIDAC*, INMG, Coimbra, 1983.
- FIGUEIRA, M. F., "Ocorrência de ozono e de radioactividade natural do ar à superfície em Lisboa/Portela", *Boletim Informativo INMG*, vol. 2, nº 3 e 4, INMG, Lisboa, s/d.

- FLOHN, HERMANN, FANTECHI, ROBERTO (ed), *The Climate of Europe: past, present and future*, D. Reidel Publishing Company, Lancaster, Dordrecht, 1984.
- FORBES, D. K., *Uma visão crítica da geografia do subdesenvolvimento*, Bertrand Brasil, Rio de Janeiro, 1989.
- FORUM PORTUCALENSE, *Espaço Imperfeito – área metropolitana do Porto*, Rés-Editora, Porto, 1989.
- FOUTS, J. R., PIVER, W. T., "Human health effects and global climate change", *Marine Technology Society Journal*, vol. 25, Winter 91, p. 38-44.
- FOWLER, R. J., "Policy and legal implications of greenhouse effect", *Greenhouse, Planning for Climate Change*, CSIRO – Division of Atmospheric Research, PEARMAN, G. I., (ed.), Melbourne, Australia, 1989, p. 694-707.
- FRANK, A. G., *Acumulação, dependência e subdesenvolvimento*, Iniciativas Editoriais, col. séc. XX/XXI, Lisboa, 1977.
- FRÉMONT, A., *A região espaço vivido*, Livraria Almedina, Coimbra, 1980.
- FUKUOKA, YOSHITAKA, "Dendroclimatological study on urban atmospheric environment", *Japanese Progress in climatology*, March, Tokyo, 1982, p. 71-89.
- GABINETE DE PLANEAMENTO URBANÍSTICO, *Plano Geral de Urbanização*, CMP, Porto, 1987.
- GALLIMORE, R. G., KUTZBACH, J. E., "Sensitivity of a coupled atmosphere/mixed layer ocean model to changes in orbital forcing at 9000 years BP", *Journal of Geophysical Research*, vol. 93, nº D1, 1988, p. 803-821.
- GALLIMORE, R. G., KUTZBACH, J. E., "Effects of soil moisture on the sensitivity of a climate model to earth orbital forcing at 9000 BP", *Climatic Change*, nº 14, Kluwer Academic Publishers, 1989, p. 175-205.
- GANHO, N., MONTEIRO, A., "Nota sobre a anomalia climática de 1 de Junho a 10 de Julho de 1988 em Portugal Continental", *Biblos*, vol. LXV, Coimbra, 1989, p. 165-188.
- GANHO, N., "Contribuição para o conhecimento dos tipos de tempo de Verão em Portugal – o exemplo de Coimbra", *Cadernos de Geografia*, 10, Coimbra, 1991, p. 431-513.
- GANHO, N., *O clima urbano de Coimbra – aspectos térmicos estivais*, Coimbra, 1992, polic..
- GARCIA, B. A., DIAZ, J. M. F., RUIPEREZ, L. G., "Concentration, sources and particle size distribution of the atmospheric aerosol of the Oviedo urban nucleus (Spain)", *Atmospheric Environment*, vol. 22, nº 12, 1988, p. 2863-2869.
- GARNET, A., "Some climatological problems in urban geography with special reference to air pollution", *Transactions*, nº 42, December, Institute of British Geographers, London, 1967.
- GARRETT, A. A., *Plano Regulador*, C. M. Porto, Porto, 1952.
- GARRETT, A. A., *História da evolução dos PGU da cidade do Porto*, FEUP, Porto, 1974.
- GARRETT, A. A., *Ante-Plano Regional do Porto*, DGSU, Porto, 1946.
- GATES, W. L., "Modelling the surface temperature changes due to increased atmospheric CO<sub>2</sub>", *Interactions of energy and climate*, Wilfrid Bach (ed.), 1980.
- GEIGER, R., *Manual de microclimatologia – o clima da camada de ar junto ao solo*, Fundação Calouste Gulbenkian, Lisboa, 1980.
- GENTILLI, J., BEKLE, H., "Modelling a climatically pulsating population: grey teal in south-western Australia", *Journal of biogeography*, 10, Hull, 1983, p. 75-96.

- GETIS, A., "A method for the study of sequences in geography", *Transactions*, nº 42, December, Institute of British Geographers, London, 1967.
- GIVONI, B., "Impact of planted areas on urban environmental quality: a review", *Atmospheric Environment*, Part B, vol. 25-B, nº 3, 1991, p. 289-299.
- GLANTZ, M. H., ROBINSON, J., KRENZ, M. E., "Recent assessments", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 565-599.
- GODINHO, S. F., "Contribuição para o conhecimento do regime das chuvas em Portugal Continental", *Boletim Informativo INMG*, vol. 1, nº 2 e 3, INMG, Lisboa, s/d.
- GOITIA, F. C., *Breve história do urbanismo*, Editorial Presença, col. Dimensões, Lisboa, 1982.
- GOLDREICH, Y., "The structure of the ground-level heat island in a central business district", *Journal of climate and applied meteorology*, vol. 24, 1985, p. 1236-1244.
- GOLDREICH, Y., KANNER, M., "Advertent/Inadvertent effect on rainfall center displacement in Northern Israel", *Atmospheric Environment*, vol. 25-B, nº 3, 1991, p. 301-309.
- GÓMEZ, A. LÓPEZ, GARCIA, F. F., "La isla de calor en Madrid: avance de un estudio de clima urbano", *Estudios Geográficos*, 45, 174, 1984, p. 5-34.
- GÓMEZ, A. LÓPEZ, "El clima de las ciudades", *Abor*, 474, 121, 1985, p. 13-32.
- GÓMEZ, A. LÓPEZ, JIMÉNEZ, A., GARCIA, F. F., PALOU, F., "La temperatura diurna en la aglomeración de Madrid mediante imágenes remotas", *Estudios Geográficos*, 51, 201, 1990, p. 705-733.
- GÓMEZ, A. LÓPEZ, et al., *El clima urbano de Madrid: la isla de calor*, Consejo Superior de Investigaciones Científicas, Madrid, 1991.
- GOODRIDGE, J. D., "Urban bias influences on long-term California air temperature trends", *Atmospheric Environment*, vol. 26-B, nº 1, 1992, p. 1-7.
- GOOSSENS, CHR., "Principal component analysis of mediterranean rainfall", *Journal of climatology*, vol. 5, P. A. Smithson (ed.) – Department of geography, University of Sheffield, 1985, p. 379-388.
- GORE, ALBERT, *Earth in the balance – forging a new common purpose*, Earthscan Publications Ltd, London, 1992.
- GOTOH, T., "Relation between heat islands and NO<sub>2</sub> pollution in some Japanese cities", *Atmospheric Environment*, vol. 27-B, nº 1, 1993, p. 121-128.
- GOUDIE, ANDREW, *The Human Impact on Natural Environment*, Third Ed., Basil Blackwell Ltd., Oxford, 1990.
- GOUDIE, ANDREW, *Environmental Change*, 3<sup>a</sup> ed., Clarendon Press, Oxford, 1992.
- GOULD, P., "On the geographical interpretation of eigenvalues", *Transactions*, nº 42, December, Institute of British Geographers, 1967.
- GRAEDEL, T. E., CRUTZEN, P. J., "The role of atmospheric chemistry in the environment-development interactions", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 213-250.
- GREGORY, S., *Statistical methods and the geographer*, fourth ed., Longman Ltd, Essex, 1985.
- GRIBBIN, JOHN (ed), *Climatic Change*, Cambridge University Press, Cambridge, 1979.
- GRIBBIN, JOHN, *Hothouse Earth – the greenhouse effect and Gaia*, Blackswan, UK, 1990.
- GRIFFITHS, J., "Climatology", *Handbook of Applied Meteorology*, David D. Houghton (ed.), Wiley & Sons, Interscience, New York, 1985, p. 62-132.

- GRIMMOND, C. S. B., CLEUGH, H. A., OKE, T. R., "An objective urban heat storage model and its comparison with other schemes", *Atmospheric Environment*, vol. 25-B, n° 3, 1991, p. 311-326.
- GRIMMOND, C. S. B., "The suburban energy balance: methodological considerations and results for a mid-latitude west coast city under winter and spring conditions", *International Journal of Climatology*, vol. 12, 1992, p. 481-497.
- GRONSKEI, K. E., WALKER, S. E., GRAM, F., "Evaluation of a model for hourly spatial concentration distributions", *Atmospheric Environment*, vol. 27-B, n° 1, 1993, p. 105-120.
- GRUNTFEST, E., "The role of geographical analysis in public policy", *Transition, Quarterly journal of the socially and ecologically responsible geographers*, Spring, vol. 10, n° 1, 1980.
- GUIOT, J., "The extrapolation of recent climatological series with spectral canonical regression", *Journal of climatology*, vol. 5, P. A. Smithson (ed.) – Department of Geography, University of Sheffield, 1985, p. 325-335.
- GUPTA, S. S., PANCHAPAKESAN, S., "Some statistical techniques for climatological data", Statistical, climatology, developments in atmospheric science, 13, S. Ikeda et al. (ed.), Elsevier Scientific Publishing Company, 1980.
- GUTHRIE, FRANK E., "Nonagricultural pollutants", *Introduction to Environmental Toxicology*, Elsevier North Holland, New York, 1980.
- GUYE, C., *L'Evolution Physico-chimique*, 3<sup>a</sup> ed., Rouge, Lausanne, 1947.
- HAGE, K. D., "Urban-rural humidity differences", *Journal of applied meteorology*, vol. 14, 1975 p. 1277-1283.
- HÄGERSTRAND, T., "The computer and the geographer", *Transactions*, n° 42, December, Institute of British Geographers, London, 1967.
- HAGGARD, J., "Architecture", *Handbook of applied meteorology*, David D. Houghton Wiley, Interscience, New York, 1985, p. 815-845.
- HAGGETT, P., *L'analyse spatiale en géographie humaine*, Armand Colin, Paris, 1973.
- HAGGETT, P., *Geography: a modern synthesis*, vol I, vol. II, Harper & Row, New York, 1975.
- HAGGETT, P., CHORLEY, R. J. (ed.), *Integrated models in geography*, Methuen & Co Ltd, London, 1976.
- HANEL, G., WEIDERT, D., BUSEN, R., "Absorption of solar radiation in an urban atmosphere", *Atmospheric Environment*, Part B, vol. 24-B, n° 2, 1990, p. 283-292.
- HANNA, S. R., BRIGGS, G. A., HOSKER, R. P., "Urban diffusion models", *Handbook on atmospheric diffusion*, Technical Information Centre – U. S. Department of energy, Jean S. Smith Editors, 1982.
- HANSEN, J. et al., "Regional greenhouse climate effects", *Greenhouse-gas-induced climatic change: a critical appraisal of simulations and observations*, SCHLESINGER, M. E. (ed.), Elsevier Science Publishing Company, New York, 1991, p. 211-229.
- HARE, F. K., "Climatic variability and change", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 37-69.
- HARE, W. L., QUILLIGAN, H., "A climate of risk: an environmental response", *Greenhouse, Planning for Climate Change*, CSIRO – Division of Atmospheric Research, PEARMAN, G. I., (ed.), Melbourne, Australia, 1989, p. 665-679.

- HARRIS, C. D., "The pressure of residential-industrial land use", *Man's role in changing the face of the earth*, THOMAS, W. L. (ed.), The University of Chicago Press, Ltd., London, 1970, p. 881-896.
- HARRIS, EDWARD D., "Copper in human health", *Trace Elements in health*, Butterworth & Co, London, 1983, p. 44-63.
- HARRISON, G. A., GIBSON, J. B. (ed), *Man in urban environments*, Oxford University Press, Oxford, 1976.
- HARVEY, DAVID, *Teorías, leyes y modelos en geografía*, Alianza Universidad Textos, Madrid, 1983.
- HARVEY, J. G., *Atmosphere and ocean: our fluid environments*, The Artemis Press Ltd., U. K., 1976.
- HAYASAKA, T., NAKAJIMA, T., OHTA, S., "Optical and chemical properties of urban aerosols in Sendai and Sapporo, Japan", *Atmospheric Environment*, Part A, vol. 26-A, Aug. 92, p. 2055-2062.
- HEATHCOTE, R. L., "The extreme event analysis", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 369-403.
- HENDERSON-SELLERS, A., ROBINSON, P. J., *Contemporary climatology*, Longman Scientific & Technical, U.S.A., 1987.
- HENRY, J. A., DICKS, S. E., "Urban and rural humidity distributions: relationships to surface materials and land use", *Journal of climatology*, vol. 5, 1985, p. 53-62.
- HERNANDEZ, E., MARTIN, F., VALERO, F., "Statistical forecast models for daily air particulate iron and lead concentrations for Madrid, Spain", *Atmospheric Environment*, vol. 26-B, nº 1, 1992, p. 107-116.
- HESS, G. D., "Simulation of photochemical smog in the melbourne airshed: worst case studies", *Atmospheric Environment*, vol. 23, nº 3, 1989, p. 661-669.
- HESSINGER, E., "La distribución estacional de las precipitaciones en la península Ibérica y sus causas", *Estudios Geográficos*, X, 34, Madrid, 1949.
- HEWITT, C. N., "Spatial variations in nitrogen dioxide concentrations in an urban area", *Atmospheric Environment*, Part B, vol. 25-B, nº 3, 1991, p. 429-434.
- HILL, A. R., "Ecosystem stability: some recent perspectives", *Progress in Physical geography*, II, 3, London, 1987.
- HIROKAWA, Y., HORIE, G., NAKAMURA, S., TSUKAMOTO, N., WATANABE, M., "Effect of energy consumption on urban air temperature pre and post oil crisis", *Jap. J. Biometeor.*, November, 1978, p. 18-20.
- HOBBS, J. E., *Applied climatology - a study of atmospheric resources*, Dawson Westview Press, USA, 1980.
- HODGE, D. C., "Urban congestion: reshaping urban life", *Urban Geography*, vol. 13, nº 6, Nov/Dec 92, p. 577-588.
- HOLDGATE, M. W., *A perspective of environmental pollution*, Cambridge University Press, Cambridge, 1980.
- HOLLING, C. S., "The resilience of terrestrial ecosystems: local surprise and global change", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 292-321.
- HORIE, G., HIROKAWA, Y., "Effect of energy consumption on urban air temperature", *Japanese Progress in climatology*, March, 1979.

- HOUGH, MICHAEL, *City form and natural process*, Routledge, London, 1989.
- HOUGHTON, DAVID D. (ed.), *Handbook of Applied Meteorology*, Wiley & Sons, Interscience, New York, 1985.
- HUANG, GUOHE, "A stepwise cluster analysis method for predicting air quality in an urban environment", *Atmospheric Environment*, Part B, vol. 26-B, Sept. 92, p. 349-357.
- HUFTY, A., "Les types de temps dans le Québec Méridional. Méthode pédagogique de description des climats", *Cahiers de Géographie de Québec*, 34, 1971, p. 29-52.
- HUFTY, A., "Types de temps et climats locaux de la région Liégeoise", *Bulletin Soc. Belge d'Études Géographiques*, 1, 1973, p. 125-172.
- HUFTY, A., "Situations synoptiques et analyse multivarée des types de temps à Québec", *Cahiers de Géographie de Québec*, 49, 1976, p. 69-92.
- HSU, SHENG-I, "Variation of an urban heat island in Phoenix", *Professional geographer*, 36(2), Association of American Geographers, 1984, p. 196-200.
- INNES, J. I., *Air pollution and forestry*, HMSO publications Centre, London, 1988.
- INSTITUTO DAMIÃO DE GÓIS, *Indústria e energia – evolução recente, situação actual e algumas perspectivas de desenvolvimento*, 1983.
- INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE, *Climate Change – the IPCC Scientific Assessment*, WMO/UNEP, Cambridge University Press, Cambridge, 1990.
- INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE, *Climate Change 1992 – the IPCC Scientific Assessment*, (supplementary report), WMO/UNEP, Cambridge University Press, Cambridge, 1992.
- JACOBET, J., "Variations of trough positions and precipitation patterns in the mediterranean area", *Journal of climatology*, vol. 7, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1987, p. 453-476.
- JAKEMAN, A. J., BAI, J., MILES, G. H., "Prediction of seasonal extremes of one-hour average urban CO concentrations", *Atmospheric Environment*, Part B, vol. 25-B, n° 2, 1991, p. 219-229.
- JEFTIC, L., MILLIMAN, J. D., SESTINI, G., (ed.), *Climatic Change and the Mediterranean – environmental and societal impacts of climate change and sea-level rise in the Mediterranean region*, Edward Arnold, London, 1992.
- JENNE, R. L., "Climate trends, the U.S. drought of 1988, and access to data", *Greenhouse-gas-induced climatic change: a critical appraisal of simulations and observations*, SCHLESINGER, M. E. (ed.), Elsevier Science Publishing Company, New York, 1991, p. 195-209.
- JIM, C. Y., "Street tree study as a theme in urban biogeography", *Geography*, 73, 3, Sheffield, 1988.
- JOHNSTON, R. J., *Multivariate statistical analysis in geography*, Longman, New York, 1980.
- JOHNSTON, R. J. (ed.), *The future of geography*, Methuen, London, 1985.
- JOLLIFE, I. T., "Rotation of principal components: some comments", *Journal of climatology*, vol. 7, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1987, p. 507-510.
- JOLY, F., *La cartographie*, PUF, Paris, 1976.
- JONES, P. D., WIGLEY, T. M. L., "Marine and land temperature data sets: a comparison and a look at recent trends", *Greenhouse-gas-induced climatic change: a critical appraisal of simulations and observations*, SCHLESINGER, M. E. (ed.), Elsevier Science Publishing Company, New York, 1991, p. 153-172.

- JORGE, RICARDO, *Saneamento do Porto*, Typographia de António José da Silva Teixeira, Porto, 1888.
- JORGE, RICARDO, *Origens e desenvolvimento da população do Porto – notas históricas e estatísticas*, Separata do Annuario Municipal de Saúde e Hygiene, nº 140, Typographia Occidental, Porto, 1897.
- KAHN, D. H., "Lead in the soil environment", *Monitoring and Assessment Research Centre Report*, nº 21, London, 1980.
- KATES, R. W., "The interaction of climate and society", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 3-37.
- KATSOULIS, B. D., THEOHARATOS, G. A., "Indications of the urban heat island in Athens, Greece", *Journal of Climate and Applied Meteorology*, vol. 24, Dec. 85, p. 1296-1302.
- KIM, J., VERMA, S. B., ROSENBERG, N. J., "Energy balance and water use of cereal crops", *Agricultural and forest meteorology*, 48, Elsevier Science Publishers B. V., Amsterdam, 1989, p. 135-147.
- KIMURA, J. C., "Temperature differences between the Japan Sea and the Pacific Sides of Japan during January and August", *The Sciences Reports of the Tōhoku University*, 7th series (geography), 36, 1, Sendai, 1986.
- KITABAYASHI, K., "Wind Tunnel simulation of air flow and pollutant diffusion over complex terrain", *Atmospheric Environment*, Part A, vol. 25-A, nº 7, 1991, p. 1155-1161.
- KOMEIJI, T., AOKI, K., KOYAMA, I., "Trends of air quality and atmospheric deposition in Tokyo", *Atmospheric Environment*, Part A, vol. 24-A, nº 8, 1990, p. 2099-2103.
- KOMNINOS, NICOS, "Les nouveaux espaces de croissance. La naissance des centres du développement postfordiste", *Espaces et Sociétés*, nº 66-67, 1992, p. 217-233.
- KOHN, R. E., "Premature mortality in a general equilibrium model of air pollution control", *Socio-Economic Planning Sciences – The International Journal of Public Sector Decision-making*, vol. 27, nº 1, March 93, p. 1-8.
- KRÄTKE, STEFAN, "Villes en mutation, hiérarchies urbaines et structures spatiales dans le processus de restructuration sociale: le cas de l'Allemagne de l'Ouest", *Espaces et Sociétés*, nº 66-67, 1992, p. 69-98.
- KUTZBACH, J., GUETER, P. J., "The influence of changing orbital parameters and surface boundary conditions on climate simulations for the past 18000 years", *Journal of the Atmospheric Sciences*, vol. 43, nº 16, American Meteorological Society, 1986, p. 1726-1759.
- KUTZBACH, J., STREET-PERRON, F. A., "Late-Quaternary Paleoclimatic data and climatic models", *Episodes – International Geoscience Newsmagazine*, vol. 10, nº 1, 1987, p. 4-6.
- LACHS, M., "El medio ambiente en los 80: acción o desastre", *Mazingira – The international journal for environment and development*, vol. 6, nº 3, Mazingira Ed., U.K., 1982.
- LACOSTE, Y., *A geografia serve antes de mais para fazer a guerra*, Iniciativas Editoriais, col. séc. XX/XXI, Lisboa, 1977.
- LANDSBERG, H., "Man-made climatic changes", *Science*, vol. 170, nº 3964, 1970.
- LANDSBERG, H., "Inadvertent atmospheric modification through urbanization", *Weather and climate modification*, Wilmont N. Hess, New York, 1974.

- LANDSBERG, H. E., "The climate of towns", *Man's role in changing the face of the earth*, vol. 2, THOMAS, W. L. (ed.), The University of Chicago Press, Ltd., London, 1970, p. 584-607.
- LANDSBERG, H. E., *The Urban Climate*, International Geophysics Series, vol. 28, Academic Press, London, 1981.
- LANHOSO, A., COUTINHO, "Observatório da Serra do Pilar", *Tripeiro*, nº 8, VI Série, Ano V, 1965.
- LAUTENSACH, H., *Geografía de España y Portugal – atlas temático*, Vicens-Vives, 1932.
- LEAN, GEOFFREY, HINRICHSEN, D., MARKHAM, A., *Atlas of the environment*, WWF, Arrow Books, London, 1990.
- LEE, D. O., "The influence of atmospheric stability and the urban heat island on urban-rural wind speed differences", *Atmospheric Environment*, vol. 13, Pergamon Press, Great Britain, 1979, p. 1175-1180.
- LEE, D. O., "Urban Climates", *Progress in Physical Geography*, 8, 1, 1984, p. 1-32.
- LEE, D. O., "A preliminary analysis of long-term visibility trends in central Scotland", *Journal of climatology*, vol. 5, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1985, p. 673-680.
- LEE, D. S., LONGHURST, J. W. S., GEE, D. R., GREEN, S. E., *Urban acid deposition*, Acid Rain Information Unit, Manchester, 1988.
- LEE, D. S., *Facts and uncertainties regarding urban acid deposition in Great Manchester*, Acid Rain Information Unit, Manchester, 1989.
- LEE, HYOUN-YOUNG, "Application of NOAA AVHRR thermal data to the study of urban heat islands", *Atmospheric Environment*, vol. 27-B, nº 1, 1993, p. 1-13.
- LENCASTRE, A., FRANCO, F. M., *Lições de hidrologia*, Universidade Nova de Lisboa – Fac. Ciências e Tecnologia, Lisboa, 1984.
- LEROUX, M. "L'anticyclone mobile polaire: facteur premier de la climatologie tempérée", *Bull. Assoc. Géogr. Franç.*, 63(4), 1986, p. 311-328.
- LEVINE, M. D., SATHAYE, J. A., CRAIG, P. P., "Strategies for addressing climate change: policy perspectives from around the world", *Energy*, vol. 17, Dec. 92, p. 1121-1136.
- LEVITON, ALAN, et al., "Pre and postnatal low level lead exposure and children's dysfunction in school", *Environmental Research*, vol. 60, nº 1, Jan. 1993.
- LIPFERT, F. W., et al. "Relative humidity predictor equations based on environmental factors", *Atmospheric Environment*, vol. 25-B, nº 3, 1991, p. 435-441.
- LIPIETZ, A., *Crise et inflation: pourquoi?*, F. Maspéro, Paris, 1979.
- LIPIETZ, A., *Choisir l'audace. Une alternative pour le XXI ème siècle*, La Découverte, Paris, 1989.
- LIPIETZ, A., LEBORGNE, D., "Idées fausses et questions ouvertes de l'après-fordisme", *Espace et Sociétés*, Editions L'Harmattan, Paris, 1992, p. 39-68.
- LLÉS, CARLOS, "Ciudad y demanda de servicios en los años noventa", *Las grandes ciudades: debates y propuestas*, RODRÍGUEZ, J. et al. (ed.), Economistas Libros, Madrid, 1991, p. 111-134.
- LOCKWOOD, J., "The climatic future", *Progress in Physical Geography*, 2(1), London, 1978, p. 107-115.
- LOCKWOOD, J., *Causes of Climate*, Edward Arnold, London, 1979.

- LOPES, A. S., *Desenvolvimento regional*, vol. I, Fundação Calouste Gulbenkian, Lisboa, 1980.
- LOUP, J., "70 ans de précipitations à la côte Saint-André (Isère)", *Études hydrologiques et géographiques*, Ophrys, Paris, 1968.
- LOURENÇO, L., "Ventos em Coimbra", *Cadernos de Geografia*, nº 6, Instituto de Estudos Geográficos, Fac. de Letras, Univ. Coimbra, Coimbra, 1987, p. 181-201.
- LOWRY, W. P., "The climate of cities", *Man and the ecosphere*, Scientific American, 1967.
- LU ZHANG-YUE, "A preliminary comparison of atmospheric aerosols in urban and non-urban areas in Nanjing, China", *Atmospheric Environment*, Part A, vol. 24-A, nº 5, 1990, p. 1341-1344.
- MacDONALD, G., SERTORIO, L. (ed.), *Global Climate and Ecosystem Change*, NATO ASI Series, vol. 240, Plenum Press, New York, 1989.
- MacDONALD, G. J., "Global Climate Change", *Global Climate and Ecosystem Change*, NATO ASI Series, MacDONALD, G., SERTORIO, L. (ed.), vol. 240, Plenum Press, New York, 1989, p. 1-96.
- MACHADO, A., *Observatório da Serra do Pilar – breves notas históricas*, Porto, 1929.
- MAEJIMA, I. et al., "Recent climatic change and urban growth in Tokyo and its environs", *Japanese progress in climatology*, March, Tokyo, 1983, p. 1-22.
- MAHERAS, P., "The synoptic weather types and objective delimitation of the winter", *Weather*, vol. 43, nº 2, Published by the Royal Meteorological Society, 1988, p. 40-44.
- MAIRE, G., "Influence des sites et des appareils dans la mesure des précipitations selon les données de quatre postes pluviométriques de la région du Donon", *Recherches géographiques à Strasbourg*, 4, Strasbourg, 1977, p. 87-103.
- MANNERS, I., "The environmental impact of modern agricultural technologies", *Perspectives on environment*, Association of American Geographers, public. nº 13, Washington, 1974.
- MANNERS, I. R., MIKESEL, M. W., *Perspectives on environment*, Association of American Geographers, public. nº 13, Washington, 1974.
- MARAGALL, PASQUAL, "La ciudad: contradicciones, retos y futuro", *Las grandes ciudades: debates y propuestas*, RODRÍGUEZ, J. et al. (ed.), Economistas Libros, Madrid, 1991, p. 507-524.
- MARGALEF, R., *Ecología*, Ediciones Omega, Barcelona, 1986.
- MARQUES, H., FERNANDES, J. A., MARTINS, L. P., *Porto – percursos nos espaços e memórias*, Afrontamento, Porto, 1990.
- MARSHALL, J. U., "Geography as a scientific enterprise", em *The future of geography*, editado por R. J. Johnston, Methuen, London, 1985.
- MARTIN, S., SAINTIGNON, M.-F., "Application de l'analyse factorielle en composantes principales à l'étude de la variabilité régionale et interannuelle des précipitations ardechoises", *Révue de Géographie de Lyon* – publication trimestrielle, vol. 49, nº 1, Lyon, 1974.
- MARVIN, S. J., "Towards sustainable urban environments: the potential for least-cost planning approaches", *Journal of environmental planning and management*, vol. 35, nº 2, 1992, p. 193-202.
- MASCARÓ, LÚCIA R., *Luz, clima e arquitectura*, Livraria Nobel, S.A., São Paulo, 1983.

- MATHER, J. R., "Climate and architecture", *Climatology, fundamentals and applications*, McGraw-Hill, New York, 1974.
- MATHER, J. R., "Climate, industry, commerce and engineering", *Climatology, fundamentals and applications*, McGraw-Hill, New York, 1974.
- MATHER, P. M., *Computational methods of multivariate analysis in physical geography*, John Wiley & Sons, London, 1976.
- MATHEWS, W., KELLOG, W., ROBINSON, G. (ed.), *Man's impact on the climate*, MIT Press, Cambridge, 1971.
- MAUNDER, W. J., *The value of the weather*, Methuen, London, 1970.
- MCBURNEY, STUART, *Ecology into economics won't go – or life is not a concept*, Green Books, Devon, 1990.
- McELROY, M. B., "Change in the natural environment of the earth: the historical record", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 199-212.
- McHARG, IAN L., "The place of nature in the city of man", *Challenge for survival, land, air and water*, PIERRE DANSEREAU (ed.), Columbia University Press, New York, 1970.
- MCKIBBEN, B., *O fim da natureza*, Terramar, Mem Martins, 1989.
- MC LAFFERTY, S., "Health and the urban environment", *Urban Geography*, vol. 13, n° 6, Nov/Dec 92, p. 567-576.
- MEAKIN, J. D., AMEST, D. L., "Degradation of monumental bronzes", *Atmospheric Environment*, vol. 26-B, n° 2, 1992, p. 207-215.
- MEDINA, MARIANO, *Iniciacion a la meteorologia*, Paraninfo, Madrid, 1984.
- MERECA, *Dados Climáticos de Base – sector da construção*, Guarda, 1988.
- MICHAELS, P. J., STOOKSBURY, D. E., "Global warming: a reduced threat?", *Bulletin of the American Meteorological Society*, vol. 73, Oct. 92, p. 1563-1577.
- MIHAI, E. BOGDAN, O., "Occasional variations of cloudiness over Romania's territory in the years 1961-1970", *Revue Roumanie de Géologie, Géophysique et Géographie*, 17, 1, Bucareste, 1973.
- MIHAI, E. BOGDAN, O., "Particularités du contraste thermique des régions de plaine et des dépressions intramontanes de Roumanie", *Revue Roumanie de Géologie, Géophysique et Géographie*, 25, 2, Bucareste, 1981.
- MILLER, DAVID, H., *Energy at the surface of the earth – an introduction to the energetics of ecosystems*, International Geophysics Series, vol. 27, Academic Press, London, 1981.
- MILLIMAN, J. D., "Sea-level response to climate change and tectonics in the Mediterranean sea", *Climatic Change and the Mediterranean – environmental and societal impacts of climate change and sea-level rise in the Mediterranean region*, JEFTIC, L., MILLIMAN, J. D., SESTINI, G., (ed.), Edward Arnold, London, 1992, p. 45-57.
- MILLWARD, G. E., MOTTE, R. H., "Observations of Plymouth temperature field", *Weather*, (31), 8, Published by the Royal Meteorological Society, 1976, p. 255-261.
- MINISTRY OF HEALTH and ENVIRONMENTAL PROTECTION, *Handbook of Emission Factors. Non-Industrial Sources*, The Hague, 1980.
- MISAWA, S., "Some considerations on the secular change of urban temperature in Tokyo", *Japanese Progress in Climatology*, March 1985, Japan Climatology Seminar, Tokyo, 1985.

- MOBLEY, C. D., PREISENDORFER, R. W., "Statistical analysis of historical climate data series", *Journal of climate and applied meteorology*, vol. 24, 1975, p. 554-567.
- MOHEN, VOLKER A., GOLDSTEIN, WALTER, WANG, WEICHYUNG, "The conflict over global warming", *Global Environmental Change*, Butterworth-Heinemann Ltd, vol. 1, nº 2, March, 1991, p. 109-123.
- MOLINA, J. C., "Evolucion y desarrollo de la ola de frio del 21 de Diciembre de 1970 al 3 de Enero de 1971, sobre la Peninsula Ibérica", *Cuadernos Geográficos de la Univ. de Granada*, 2, Granada, 1972.
- MOLINA, J. C., *Los climas de España*, Oikos-Tau, Barcelona, 1981.
- MONK, G. A., BADER, M. J., "Satellite images showing the development of the storm of 15-16 October 1987", *Weather*, vol. 43, nº 3, Published by the Royal Meteorological Society, 1988.
- MONOD, JACQUES, *O acaso e a necessidade*, Publicações Europa América, Lisboa, 1970.
- MONTANER, JAIME, "La vuelta de las ciudades al pensamiento económico", *Las grandes ciudades: debates y propuestas*, RODRÍGUEZ, J. et al. (ed.), Economistas Libros, Madrid, 1991, p. 333-338.
- MONTEIRO, A. M. R., *Contribuição para o estudo das implicações no clima local, da construção de barragens*, Porto, 1987, polic..
- MONTEIRO, A. M. R., "La régionalisation climatique portugaise par une analyse factorielle – essai méthodologique", *Actas do Colloque de Climatologie*, Aix-en-Provence, Junho 1988, p. 49-58.
- MONTEIRO, A. M. R., "Contribuição para o estudo das implicações no clima local gerados pela construção de uma barragem", *Revista da Faculdade de Letras, Geografia*, I Série, vol. IV, Porto, 1988, p. 157-222.
- MONTEIRO, A. M. R., "A importância dos estudos de climatologia regional para a compreensão dos processos de degradação da qualidade do ar – o exemplo da cidade do Porto entre 1 Abril 1987 a 31 de Março de 1989", *Actas do V Colóquio Ibérico de Geografia*, Leon, Novembro de 1989.
- MONTEIRO, A. M. R., "Contribuição para o estudo da degradação da qualidade do ar na cidade do Porto" *Revista da Faculdade de Letras, Geografia*, I Série, vol. V, Porto, 1989, p. 5-32.
- MONTEIRO, A. M. R., "A composição química da atmosfera: contributo da climatologia para a implementação de uma política de desenvolvimento sustentado", *Notas e Recenções, Revista da Faculdade de Letras, Geografia*, I Série, vol. V, Porto, 1989, p. 257-294.
- MONTEIRO, A. M. R., "O Porto e os portuenses no final do séc. XX ou as relações entre os homens e um ecossistema urbano em entropia acelerada", *Revista da Faculdade de Letras, Geografia*, I Série, vol. VI, Universidade do Porto, 1990, p. 5-64.
- MONTEIRO, A. M. R., "Les calendriers de probabilités appliquées à la variabilité des températures minimales et maximales de Porto", *Climat urbain et qualité de l'air*, Actes du Colloque de Climatologie, Fribourg, Suíça, 1991, p. 63-70.
- MONTEIRO, C. A. F., *O clima e a organização do espaço no Estado de São Paulo: problemas e perspectivas*, IGEOG-USP, São Paulo, 1976.
- MONTEIRO, C. A. F., *Teoria e clima urbano*, IGEOG-USP, Univ. de S. Paulo, São Paulo, 1976.
- MOORE, R. L., COOPER, L., *Transport and road traffic*, Transport and road research laboratory-department of the environment, TRRL Report LR446, 1972.

- MORENO, M. C., *Estudio del clima urbano de Barcelona: la "isla de calor"*, (2 vol.), Thèse de doctorat, inédit., Université de Barcelone, 1990.
- MÖRNER, NILS-AXEL, "Short-term paleoclimatic changes: observational data and a novel causation model", *Climate, history, periodicity and predictability*, Van Nostrand Reinhold, New York, 1987.
- MOUNIER, J., "Le type de temps, un choix pour le géographe: climatologie synoptique ou climatologie compréhensive", *Cahiers du centre de recherches en climatologie*, (7), Dijon, 1977, p. 99-117.
- MOUNIER, J., *Les climats océaniques des régions atlantiques de l'Espagne et du Portugal*, Rennes, 1978.
- MPAT, GEPAT, CDI, *Administração do território e ambiente*, vol I, n° 1-3, 1986.
- MPAT, GEPAT, CDI, *Administração do território e ambiente*, vol I, n° 4-6, 1986.
- MPAT, GEPAT, CDI, *Administração do território e ambiente*, vol I, n° 7-9, 1986.
- MROWKA, J., "Man's impact on stream regimen and quality", *Perspectives on environment*, Washington, 1974.
- MUMFORD, LEWIS, *Man's role in changing the face of the earth*, vol. 2, 8<sup>a</sup> ed. W. L. THOMAS et al. (ed.), University of Chicago Press, Chicago, 1970.
- MUÑIZ, MIGUEL, "Las ciudades como problema y factor de desarrollo", *Las grandes ciudades: debates y propuestas*, RODRÍGUEZ, J. et al. (ed.), Economistas Libros, Madrid, 1991, p. 13-24.
- MUNN, R. E., *Environmental Impact Assessment*, John Wiley & Sons, Scope 5, Chichester, 1979.
- MUNN, R. E., IZRAEL, Y., "Monitoring the environment and renewable resources", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 360-378.
- MUSK, L. F. "The local fog hazard as a factor in planning new roads and motorways", *Environmental education and information*, vol. 2, n° 2, 1982, p. 119-129.
- MUSK, L. F., "Applied climatology", *Progress in physical geography*, vol. 11, n° 3, 1987, p. 371-383.
- MUSK, L. F., "Applied climatology", *Progress in physical geography*, vol. 11, n° 2, Edward Arnold, 1987.
- MUSK, LESLIE F., *Climate as a factor in the planning and design of new roads and motorways*, versão manuscrita oferecida pelo autor, Manchester, 1989.
- MUSK, LESLIE F., *The fog hazard*, versão manuscrita oferecida pelo autor, Manchester, 1989.
- NADAL, J. M. R., PARICIO, P. C., VIDE, J. M., "Distribución probabilística de la precipitación anual en Cataluña", *Revista de Geografía*, vol. XVIII, Barcelona, 1984, p. 47-68.
- NAREDO, JOSÉ MANUEL, "El crecimiento de la ciudad y el medio ambiente", *Las grandes ciudades: debates y propuestas*, RODRÍGUEZ, J. et al. (ed.), Economistas Libros, Madrid, 1991, p. 191-206.
- NEILD, R. E., WILWHITE, D. A., HUBBARD, K. G., "Preseason precipitation probabilities as an aid to corn planting decisions", *Agricultural and Forest Meteorology*, vol. 41, Elsevier Science Publishers B.V., Amsterdam, 1987, p. 259-266.
- NEWCOMBE, K., MILLAN, S., BOYDEN, S., O'NEILL, B., *The ecology of a city and its people*, Australian National University Press, Camberra, 1981.

- NICHOLSON, S. E., "Land surface atmosphere interaction", *Progress in physical geography*, vol. 11, n° 2, Edward Arnold, 1988.
- NICHOLSON-LORD, DAVID, *The greening of the cities*, Routledge & Kegan Paul, London, 1987.
- NICKERSON, E. C., et al., "Project Aguila: in situ measurements of Mexico city air pollution by a research aircraft", *Atmospheric Environment*, vol. 26-B, n° 4, 1992, p. 445-451.
- NISHIZAWA, T., YAMASHITA, S., "On attenuation of solar radiation in the large cities", *Japanese Progress in climatology*, Nov., Tokyo, 1967, p. 66-70.
- NKEMDIRIM, LAWRENCE C., "Cold air drainage and temperature fields in an urban environment a case study of topographical influence on climate", *Atmospheric Environment*, vol. 14, Pergamon Press, Great Britain, 1980, p. 375-381.
- NORTHROP, F. S. C., "Man's relation to the earth in its bearing on his aesthetic, ethical and legal values", *Man's role in changing the face of the earth*, THOMAS, W. L. (ed.), The University of Chicago Press, Ltd., London, 1970, p. 1052-1071.
- NUNES, M<sup>a</sup> FÁTIMA, "Notas sobre o publicismo liberal: o discurso de Marino Miguel Franzi - geógrafo e meteorologista", *Revista de História das Ideias*, vol. 10, Fac. Letras de Coimbra, Coimbra, 1988.
- O'RIORDAN, T., "Environmental issues", *Progress in physical geography*, 1,(3), Edward Arnold, London, 1977, p. 518-527.
- O'RIORDAN, T., *Environmentalism*, 2<sup>a</sup> ed., Pion Limited, London, 1983.
- O'RIORDAN, T., RAYNER, S., "Risk management for global environmental change", *Global Environmental Change*, Butterworth-Heinemann Ltd, vol. 1, n° 2, March, 1991, p. 91-108.
- ODMAN, M. T., RUSSEL, A., "A multiscale finite element pollutant transport scheme for urban and regional modelling", *Atmospheric Environment*, Part A, vol. 25-A, n° 10, 1991, p. 2385-2394.
- ODUM, E. P., *Ecologia*, Interamericana, Rio Janeiro, 1985.
- OERLEMANS, J., "Linear theory of the urban heat island circulation", *Atmospheric Environment*, vol. 20, n° 3, Pergamon Press, Great Britain, 1986, p. 447-453.
- OESCHGER, H., SIEGENTHALER, U., HEIMANN, M., "The carbon cycle and its perturbation by man", *Interactions of energy and climate*, Wilfrid Bach (ed.), 1980.
- OGAWARA, M., "On the use of exponential smoothing for the estimation of climatic elements", *Statistical, climatology, developments in atmospheric science*, 13, S. Ikeda et al. (ed.), Elsevier Scientific Publishing Company, 1980.
- OKE, T. R., "City size and urban heat island", *Atmospheric Environment*, 7, 1973, p. 769-779.
- OKE, T. R., "Review of urban climatology - 1973-1976", *WMO Techn. Note*, n° 169, Geneva, 1979.
- OKE, T. R., "Canyon geometry and nocturnal urban heat island: comparation of scale model and field observations", *Journal of Climatology*, 1, 1981, p. 237-254.
- OKE, T. R., "The energetic basis of the urban heat island", *Quarterly Journal of the Royal Meteorological Society*, 108, 455, 1982, p. 1-24.
- OKE, T. R., *Boundary Layer Climates*, 2<sup>a</sup> ed., Routledge, London, 1990.
- OKE, T. R., ZEUNER, G., "The surface energy balance in Mexico City", *Atmospheric Environment*, vol. 26-B, n° 4, 1992, p. 433-444.

- OLADIPO, E. O., "Power spectra and coherence of drought in the interior plains", *Journal of climatology*, vol. 7, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1987, p. 477-491.
- OLGYAY, VICTOR, *Design with climate: bioclimatic approach to architectural regionalism*, Van Nostrand Reinhold, New York, 1992.
- OLIVEIRA, J. M. P., *O espaço urbano do Porto-condições naturais e desenvolvimento*, Instituto de Alta Cultura, Centro de Estudos Geográficos, Faculdade de Letras da Universidade de Coimbra, Coimbra, 1973.
- OLIVER, J. E., *Climate and man's environment-an introduction to applied climatology*, John Wiley & Sons, Inc., New York, 1973.
- ORDEM DOS ENGENHEIROS, *Prioridades na luta contra a poluição em Portugal*, Conselho cultural de engenharia químico-industrial e Comissão de engenharia sanitária, Lisboa, 1973.
- PACHECO, HELDER, *Porto*, Novos guias de Portugal, 3<sup>a</sup> ed., Editorial Presença, Lisboa, 1988.
- PAGÈS, M., *La maîtrise de la croissance urbaine*, Que sais-je, PUF, Paris V, 1980.
- PARK, HYE-SOOK, "Features of the heat island in Seoul and its surrounding cities", *Atmospheric Environment*, vol. 20, nº 10, 1986, p. 1859-1866.
- PARKER, D. E., "The statistical effects of incomplete sampling of coherent data series", *Journal of climatology*, vol. 4, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1984, p. 445-449.
- PARKER, D. E., "Worldwide surface temperature trends since the Mid-19th century", *Greenhouse-gas-induced climatic change: a critical appraisal of simulations and observations*, SCHLESINGER, M. E. (ed.), Elsevier Science Publishing Company, New York, 1991, p. 173-193.
- PARRY, M. L., "Some implications of climatic change for human development", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R.E . (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 378-411.
- PAUL, P., "Remarques préliminaires à propos de deux climats locaux dans le bassin versant expérimental de Soultzeren (Vosges)", *Actas do Colloque de Climatologie*, Aix-en-Provence, 1988.
- PEARMAN, G. I., (ed.), *Greenhouse, Planning for Climate Change*, CSIRO – Division of Atmospheric Research, Melbourne, Australia, 1989.
- PÉDÉLABORDE, P., "Le tourbillon, principe générale à la base de la climatologie dynamique", *Annale de Géographie*, nº 358, Paris, 1957, p. 481-498.
- PÉDÉLABORDE, P., DELANNOY, H., "Recherches sur les types de temps et le mécanisme des pluies en Algérie", *Annale de Géographie*, nº 361, Paris, 1958, p. 216-244.
- PÉGUY, Ch. P., *Précis de climatologie*, Masson & Cie, Paris VI, 1970.
- PÉGUY, Ch. P., "Une nouvelle expression graphique de la variabilité interannuelle des climats: les calendriers de probabilités", *Bull. Assoc. Géogr. Franç*, nº 431, Paris, 1976.
- PEIXOTO, J. P., *A radiação solar e o ambiente*, Secretaria de Estado do Ambiente e dos Recursos Naturais, Lisboa, 1987.
- PEIXOTO, J. P., *As variações do clima e o ambiente*, Secretaria de Estado do Ambiente e dos Recursos Naturais, Lisboa, 1987.
- PEIXOTO, J. P., *O Sistema climático e as bases físicas do clima*, Secretaria de Estado do Ambiente e dos Recursos Naturais, Lisboa, 1987.

- PEIXOTO, J. P., *Meteorologia descritiva*, 79/80, Fac. Ciências, Lisboa, 1980, polic.
- PEPPER, DAVID, *The roots of modern environmentalism*, Routledge, London, 1989.
- PEREIRA, E., *Ciclo Hercínico e o sector entre Douro e Minho (deduções baseadas na paleogeografia da Península Ibérica)*, F.C.U.P., Porto, 1985, polic..
- PETTERSEN, SVERRE, "Meteorology", *Handbook of applied hydrology*, section 3, Ven Te Chow (ed.), New York, 1964.
- PITTS, R. O., LYONS, T. J., "A coupled mesoscale/particle model applied to an urban area", *Atmospheric Environment*, Part B, vol. 26-B, Sept. 92, p. 279-289.
- PORTAS, NUNO, "Un nuevo urbanismo", *Las grandes ciudades en la decada de los noventa*, BORJA, JORDI et al. (ed.), Editorial Sistema, Madrid, 1990, p. 273-282.
- POTTER, G.L., et al., "Climate change due to anthropogenic surface albedo modification", *Interactions of energy and climate*, Wilfrid Bach (ed.), 1980.
- PRICE, MARTIN, F., "Humankind in the biosphere", *Global Environmental Change*, Butterworth-Heinemann Ltd, vol. 1, nº 1, December, 1990, p. 3-13.
- QUEIRÓS, D. X., "O clima e o homem", *Boletim Informativo INMG*, 27, INMG, Lisboa, s/d..
- RACINE, J. B., REYMOND, H., *L'analyse quantitative en géographie*, Presses Universitaires de France, Paris, 1973.
- RAFFESTIN, C., "Du paysage à l'espace", *Hérodote*, nº 9, Paris, 1978, p. 90-104.
- RAMALHO, ANTÓNIO PEREIRA, *Pequeno subsídio para o estudo da Climatologia Médica Portuguesa, (Serra de Montemuro, região da Gralheira)*, Encyclopedia Portugueza, Porto, 1908.
- RAMOS, C., *Tipos de anticíclones e ritmo climático de Portugal*, CEG, rel nº 25, Lisboa, 1986.
- RAVETZ, J. R., "Usable knowledge, usable ignorance: incomplete science with policy implications", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 415-435.
- REBELO, F., *Serras de Valongo – estudo de geomorfologia*, Suplementos de Biblos, 9, Fac. Letras da Univ. Coimbra, Coimbra, 1975.
- REBELO, F., "Mapas de declives. Análise de alguns exemplos portugueses", *Finisterra*, vol. XI, nº 22, Lisboa, 1976, p. 267-283.
- REED, D., "Simulation of time series of temperature and precipitation over eastern England by an atmospheric general circulation model", *Journal of climatology*, P. A. Smithson (ed.) – Department of geography, University of Sheffield, 1986.
- REGIER, H. A., BASKERVILLE, G. L., "Sustainable redevelopment of regional ecosystems degraded by exploitative development", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R.E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 75-101.
- REGO, ANTÓNIO BALBINO, "Pneumonia Pestosa (a peste bubónica 1899/1900)", *Monografia do Porto*, Escola Médico-Cirúrgica do Porto, Porto, 1900.
- REVELLE, R., "Carbon dioxide and world climate", *Scientific American*, vol. 247, nº 2, 1982.
- RIBAS, B. B. R., *Dispersão de poluentes na atmosfera*, Serviço de Estudos do Ambiente – Secretaria de Estado do Ordenamento Físico, Recursos Hídricos e Ambiente, s/d..
- RIBEIRO, A., "Néotectonique du Portugal", *Livro de Homenagem a O. Ribeiro*, CEG, Lisboa, 1984, p. 173-182.

- RIBEIRO, A., CABRAL, J., "The neotectonic regime of the West Iberia continental margin: a transition from passive to active?", *Maleo*, vol. 2, nº 13, Soc. Geol. de Portugal, Lisboa, 1986.
- RIBEIRO, O., *Portugal, o Mediterrâneo e o Atlântico*, Livraria Sá da Costa, Lisboa, 1987.
- RICHARDS, J. F., "World environmental history and economic development", *Sustainable development of biosphere*, p. 53-71, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986.
- RICHMAN, M., "Rotation of principal components: a reply", *Journal of climatology*, vol. 7, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1987, p. 511-520.
- ROBBINS, S., *Pathology*, W. B. Saunders, Philadelphia, 1967.
- ROBINSON, J., "Global modelling and simulations", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 3-37.
- ROCHA, M. S., "Flutuações climáticas relacionadas com os ciclos de actividade solar", *Boletim Informativo INMG*, 60, INMG, Lisboa, s/d..
- ROCHA, M. S., "A radiação global em Portugal Continental", *Boletim Informativo INMG*, 61, INMG, Lisboa, s/d..
- RODRÍGUEZ, J. et al. (ed.), *Las grandes ciudades: debates y propuestas*, Economistas Libros, Madrid, 1991.
- ROMIEU, I., WEITZENFELD, H., FINKELMAN, J., "Urban air pollution in Latin America and the Caribbean", *Journal of the air & Waste Management Association*, vol. 41, Sept. 91, p. 1166-1171.
- RONCHAIL, J., LECOMPTE, M., "Essais de climatologie dynamique dans les Alpes internes françaises", *La météorologie*, VI série, nº 26, 1981, p. 57-91.
- ROSE, J., (ed.) *Trace elements in health*, Butterworth & Co, London, 1983.
- ROSE, G. A. "Epidemiological evidence for the effects of urban environment", *Man in urban environments*, HARRISON, G. A., GIBSON, J. B. (ed.), Oxford University Press, Oxford, 1976, p. 204-216.
- ROSEMARIN, ARNO, "The 1990's – the decade for generalists to lead the way", *Ambio – a Journal of the Human Environment*, vol. XIX, nº 1, Fev. 1990, p. 1.
- ROSENBERG, NORMAN J., *Microclimate*, Wiley Interscience Publication, John Wiley & Sons, New York, 1974.
- ROTEN, M., BAERISWYL, I., "Mesures de la pollution atmosphérique dans l'agglomération de Fribourg", *UKPIK*, Cahiers de l'Institut de Géographie de Fribourg, nº 5, Institut de Géographie de l'Université de Fribourg, Fribourg, 1987, p. 73-87.
- ROTEN, M., "Étude aérologique de la région du Conde de Martigny, à l'entrée de la vallée du Haut-Rhône (Suisse)", *Cahiers de l'Institut de Géographie de Fribourg*, 6, 1988, p. 19-32.
- ROWLAND, ANTHONY J., COOPER, PAUL, *Environment and health*, Edward Arnold, London, 1983.
- RUBIN, E., SOULET, JÉRÔME, "Deux ans de sécheresse: l'eau va monter", *Science & Vie*, nº 174, Março 1991, p. 132-137.

- RUFFIEUX, D., WOLFE, D., RUSSEL, C., "The effect of building shadows on the vertical temperature structure of the lower atmosphere in downtown Denver", *Journal of Applied Meteorology*, vol. 29, Dec. 90, p. 1221-1231.
- RUSSELL, R. J., "Environmental changes through forces independent of man", *Man's role in changing the face of the earth*, THOMAS, W. L. (ed.), The University of Chicago Press, Ltd., London, 1970, p. 453-471.
- SAARINEN, S., "Environmental perception", *Perspectives on environment*, Association of American Geographers, public. n° 13, Washington, 1974.
- SABIN, T. E., SHULMAN, M. D., "A statistical evaluation of the efficiency of the climatic normal as a predictor", *Journal of climatology*, vol. 5, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1985, p. 63-77.
- SACARRÃO, G. F., *A temperatura como factor ecológico*, Comissão Nacional do Ambiente, Lisboa, 1987.
- SAIZ-JIMENEZ, C., "Deposition of airborne organic pollutants on historical buildings", *Atmospheric Environment*, vol. 27-B, n° 1, 1993, p. 77-85.
- SALDIVA, P. H. N., KING, M., DELMONTE, V. L. C., "Respiratory alterations due to urban air pollution: an experimental study in rats", *Environmental Research*, vol. 57, Feb. 92, p. 19-33.
- SAMARA, C., TSITOURIDOU, R., BALAFOUTIS, Ch., "Chemical composition of rain in Thessaloniki, Greece, in relation to Meteorological conditions", *Atmospheric Environment*, vol. 26-B, n° 3, 1992, p. 359-367.
- SANCHEZ, M. L., PASCUAL, D., RAMOS, C., "Forecasting particulate pollutant concentrations in a city from meteorological variables and regional weather patterns (Valladolid, Spain)", *Atmospheric Environment*, Part A, vol. 24-A, n° 6, 1990, p. 1509-1519.
- SANI, SHAM, *Urbanization and the atmospheric environment in the low tropics (experiences from the Kelang Valley region Malaysia)*, Penerbit University Kebangsaan Malaysia, Bangi, 1987.
- SATURNINO, ÓSCAR, "Subsídio para a Climatologia da cidade do Porto (seis meses de observações)" in *Notas de Estudo*, Fac. Ciências, Porto, 1932.
- SAUNDERS, P. J. W., *The estimation of pollution damage*, Manchester University Press, Manchester, 1976.
- SAVILLE, C. B., "Some rainfall variations, England and New England (USA)", *Quarterly Journal of the Royal Meteorological Society*, vol. 60, 1933.
- SCARLOTT, C. H., "Limitations to energy use", *Man's role in changing the face of the earth*, THOMAS, W. L. (ed.), The University of Chicago Press, Ltd, London, 1970, p. 1010-1023.
- SCHAEFER, F. K., *Excepcionalismo en geografía*, Ediciones de la Universidade de Barcelona, Barcelona, 1980.
- SCHAEFER, V. J., DAY, J. A., "A field guide to the atmosphere – clouds, rain, snow, storms", *The Peterson field guide series*, USA, 1981.
- SCHEFFE, R. D., MORRIS, R. E., "A review of the development and application of the urban airshed model", *Atmospheric Environment*, vol. 27-B, n° 1, 1993, p. 23-39.
- SCHLESINGER, M. E. (ed.), *Greenhouse-gas-induced climatic change: a critical appraisal of simulations and observations*, Elsevier Science Publishing Company, New York, 1991.

- SCHMID, J. A., "Environmental impact of urbanization", *Perspectives on environment*, Association of American Geographers, public. n° 13, Washington, 1974.
- SCHUURMANS, C. J. E., "Climate variability and its time changes in European countries, based on instrumental observations", *The Climate of Europe: Past, Present and Future*, FLOHN, H., FANTECHI, R. (ed.), D. Reidel Publishing Company, Boston, 1978, p. 65-101.
- SCORER, RICHARD, *Air pollution*, Pergamon Press Ltd, Oxford, 1968.
- SEARS, P. B., "The processes of environmental change by man", *Man's role in changing the face of the earth*, THOMAS, W. L. (ed.), The University of Chicago Press, Ltd., London, 1970, p. 471-487.
- SERRANO, E., ZURITA, E., CASTRO, M., "Analysis of the annual trend in SO<sub>2</sub> and particulate matter emissions in Madrid", *Atmospheric Environment*, vol. 23, n° 3, 1989, p. 631-642.
- SERRÃO, J., MARTINS, G., *Da indústria portuguesa do antigo regime ao capitalismo (antologia)*, Horizonte Universitário, Lisboa, 1978.
- SHANKAR, R., KU, J., TRIVIKRAMA R. S., "A comparison study of three urban air pollution models", *Atmospheric Environment*, vol. 23, n° 4, 1989, p. 793-801.
- SHREFFLER, JACK, H., "Heat island convergence in St. Louis during calm periods", *Journal of Applied Meteorology*, vol. 18, American Meteorological Society, 1979, p. 1513-1520.
- SHUKLA, V., PARIKH, K., "The environmental consequences of urban growth: cross-national perspectives on economic development, air pollution, and city size", *Urban Geography*, vol. 13, n° 5, Sept/Oct. 92, p. 422-449.
- SIMMONS, I. G., *Biogeography: natural and cultural*, Edward Arnold, London, 1979.
- SIMMONS, I. G., COX, N. J., "Holistic and reductionistic approaches to Geography", *The future of geography*, JOHNSTON, R. J. (ed.), Methuen, London, 1985, p. 43-58.
- SIMMONS, I. G., *Changing the face of the earth - culture, environment, history*, Basil Blackwell Ltd, Oxford, 1989.
- SINGH, KRISHAN, "Water management", *Handbook of applied meteorology*, David D. Houghton Wiley, Interscience, New York, 1985.
- SINGH, M. P., GOYAL, P., BASU, S., "Predicted and measured concentrations of traffic carbon monoxide over Delhi", *Atmospheric Environment*, Part A, vol. 24-A, n° 4, 1990, p. 801-810.
- SMITH, D. BRYCE, STEPHENS, R., "Sources and effects of environmental lead", *Trace Elements in health*, Butterworth & Co, London, 1983, p. 83-117.
- SMITH, D. M., *Patterns in human geography*, Penguin Books, Middlesex, U.K., 1977.
- SMITH, KEITH, "Environmental issues", *Progress in physical geography*, vol. 9, n° 1, Edward Arnold, London, 1985, p. 83-87.
- SONKA, S. T. et al., "Economic use of weather and climate information: concepts and an agricultural example", *Journal of climatology*, vol. 6, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1986, p. 447-457.
- SPIEGEL, MURRAY R., *Estatística*, Coleção Schaum, McGraw-Hill do Brasil, Ltda, S. Paulo, 1977.
- STAMM, A., CAPLAN, P., HINRICHIS, R. A., "Rain chemistry under the plume from an oil-fired power plant - a case study", *Atmospheric Environment*, vol. 18, Pergamon Press, 1984, p. 817-823.

- STARK, K. P., "Designing for coastal structures in a greenhouse age", *Greenhouse, Planning for Climate Change*, CSIRO – Division of Atmospheric Research, PEARMAN, G. I., (ed.), Melbourne, Australia, 1989, p. 161-176.
- STARK, L. P., "Positions of monthly mean through and ridges in the northern hemisphere", *Monthly Weather Review*, vol. 93, Boston, 1965, p. 705-720.
- STRAHLER, A. N., *Physical geography*, John Wiley & Sons, USA, 1975.
- SURRIDGE, A. D., "Extrapolation of the nocturnal temperature inversion from ground-based measurements", *Atmospheric Environment*, vol. 20, n° 4, Pergamon Press, Great Britain, 1986, p. 803-806.
- SUTCLIFFE, R. C., "Agroclimatological methods", *Climatic change*, UNESCO, 1968, p. 189-193.
- SUZUKI, E., MIYATA, M., HONGO, S., "Statistical prediction of climatological extreme value and return period in case of small samples", *Statistical, climatology, developments in atmospheric science*, 13, S. Ikeda et al. (ed.), Elsevier scientific publishing company, 1980.
- SWEENEY, JOHN, "The urban heat island of Dublin City", *Irish Geography*, vol. 20, part 1, 1987, p. 1-10.
- TAKAHASHI, K., "Key day analysis on relationship between solar activity and precipitation", *Japanese Progress in climatology*, Nov., Tokyo, 1967, p. 102-110.
- TAVEIRA, A. A. S., "O regime de chuvas do Porto", *Revista de Engenharia*, n° 26, Porto, 1960, p. 9-21.
- TEIXEIRA, C., "Acerca da idade das rochas graníticas portuguesas", *Boletim da Sociedade Geológica de Portugal*, XX, 1976, p. 131-163.
- TEIXEIRA, C., PAIS, J., ROCHA, R., *Quadros de unidades estratigráficas e da estratigrafia Portuguesa*, INIC, Lisboa, 1979.
- TEIXEIRA, C., *Geologia de Portugal*, Fundação Calouste Gulbenkian, Lisboa, 1981.
- TENNEKES, H., "Numerical weather prediction: illusions of security, tales of imperfection", *Weather*, vol. 43, n° 4, Published by the Royal Meteorological Society, 1988.
- THOM, B. G., ROY, P. S., "Sea-level rise and climate: lessons from the Holocene", *Greenhouse, Planning for Climate Change*, CSIRO – Division of Atmospheric Research, PEARMAN, G.I., (ed.), Melbourne, Australia, 1989, p. 177-188.
- THOMPSON, C. S., "Homogeneity analysis of rainfall series: an application of the use of a realistic rainfall model", *Journal of climatology*, vol. 4, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1984, p. 609-619.
- THORNES, J. E., "Applied climatology: ozone comes to London", *Progress in physical geography*, I, (3), Edward Arnold, London, 1977, p. 507-517.
- TIMBERLAKE, L, THOMAS, L. *When the bough breaks...*, Earthscan Publications Ltd, London, 1990.
- TIMMERMAN, P., "Mythology and surprise in the sustainable development of the biosphere", *Sustainable development of Biosphere*, W. C. CLARK, MUNN, R. E. (ed.), IIASA, Cambridge University Press, Cambridge, 1986, p. 435-455.
- TINAS, JORGE, "Políticas de medio ambiente para las grandes ciudades españolas", *Las grandes ciudades en la decada de los noventa*, BORJA, JORDI et al. (ed.), Editorial Sistema, Madrid, 1990, p. 389-408.
- TODD, CLEMENT J., "Weather modification", *Handbook of applied meteorology*, David D. Houghton Wiley, Interscience, New York, 1985.

- TOKUNOSUKE, F., "Seasonal variation of the structure of the atmospheric boundary layer over a suburban area", *Atmospheric Environment*, vol. 20, nº 10, 1986, p. 1867-1876.
- TRENBERTH, K. E., "Recent Climate Changes in the Northern Hemisphere", *Greenhouse-gas-induced climatic change: a critical appraisal of simulations and observations*, SCHLESINGER, M. E. (ed.), Elsevier Science Publishing Company, New York, 1991, p. 377-390.
- TREWARTH, GLENN, T., *An introduction to climate*, fourth ed., McGraw-Hill Book Company, New York, 1968.
- TRIPATHI, R. M., KHANDEKAR, R. N., RAGHUNATH, R., "Assessment of atmospheric pollution from toxic heavy metals in two cities in India", *Atmospheric Environment*, vol. 23, nº 4, 1989, p. 879-883.
- TULLOT, INOCENCIO FONT, *Climatología de España y Portugal*, Instituto Nacional de Meteorología, Madrid, 1983.
- TURNER II, B. L., et al., "Two types of global environmental change", *Global Environmental Change*, Butterworth-Heinemann Ltd, vol. 1, nº 1, December, 1990, p. 14-22.
- TURNER II, B. L., et al., *The Earth as transformed by Human Action*, Cambridge University Press, Cambridge, 1990.
- TYSON, P. D., TOIT, W. J. F., FUGGLE, R. F., "Temperature structure above cities: review and preliminary findings from the Johannesburg urban heat island project", *Atmospheric Environment*, vol. 6, Pergamon Press, Great Britain, 1972, p. 533-542.
- UNESCO, *Agroclimatological Methods*, UNESCO, Chambéry, 1968.
- UNITED KINGDOM CLIMATE CHANGE IMPACTS REVIEW GROUP, *The Potential Effects of Climate Change in the U.K.*, HMSO, London, 1991.
- UNO, I., WAKAMATSU, S., "Observed structure of the nocturnal urban boundary layer and its evolution into a convective mixed layer", *Atmospheric Environment*, vol. 26-B, nº 1, 1992, p. 45-57.
- UNWIN, D. J., "Statistical methods in physical geography", *Progress in Physical geography*, I, 2, London, 1977.
- UNWIN, D. J., "The synoptic climatology of Birmingham's urban heat island, 1965-1974", *Weather*, vol. 35, 1980, p. 43-50.
- U.S. NATIONAL ACADEMY OF SCIENCES, *Lead in the human environment*, Washington, D.C., 1980.
- VAN BORM, W. A., ADAMS, F. C., "Characterization of individual particles in the Antwerp aerosol", *Atmospheric Environment*, vol. 23, nº 5, 1989, p. 1139-1151.
- VASCONCELOS, M. T., et al., "Níveis de metais pesados (Pb, Cu e Cd) e de SO<sub>2</sub> na atmosfera da cidade do Porto", *Resumo das Comunicações do 10º Encontro Nacional de Química*, Porto, 1987.
- VASCONCELOS, M. T., et al., "Lead and other heavy metals in atmospheric aerosols of Oporto", *Chemosphere*, vol. 17, nº 10, Great Britain, 1988, p. 2093-2106.
- VASCONCELOS, M. T., et al., "Avaliação de um protótipo de amostrador de aerossóis para monitorização de chumbo na atmosfera", *Resumo das Conferências Plenárias, Lições Temáticas e Comunicações do 12º Encontro Nacional de Química*, Coimbra, 1991, p. 120-124.
- VASCONCELOS, M. T., et al., "Integração de indicadores biológicos na monitorização de chumbo na atmosfera urbana do Porto – primeiros resultados", *Resumos da 3ª Conferência Nacional sobre a Qualidade do Ambiente*, vol. I, Aveiro, 1992, p. 42-50.

- VÁZQUEZ, I. B., "Crescimento urbano e suburbanização no Grande Porto: uma perspectiva relacional", *Análise Social*, vol. XXVII, (115), 1992, p. 191-205.
- VÁZQUEZ, I. B., "A evolução da cidade do Porto e a estrutura dos concelhos periféricos. Algumas considerações sobre modalidades de articulação territorial", *Sociedade e Território*, ano 6, 1992, p. 98-105.
- VELHAS, EDITE M. F. S., *A bacia hidrográfica do rio Leça - estudo hidroclimático*, FLUP, Porto, polic., 1991.
- VEN TE CHOW, "Statistical and probability analysis of hydrological data", *Handbook of applied hydrology*, section 8-I, New York, 1964, p. 1-97.
- VENTURA, J. E., *Influência das gotas de ar frio no ritmo e na repartição espacial das chuvas em Portugal*, CEG, rel. nº 24, Lisboa, 1986.
- VERMA, S. B., KIM, J., CLEMENT, R. J., "Carbon dioxide, water vapor and sensible heat fluxes over a tallgrass prairie", *Boundary-layer meteorology*, 46, Kluwer Academic Publishers, 1989, p. 53-67.
- VOGEL, J. L., HUFF, F. A., "Relation between the St. Louis urban precipitation anomaly and synoptic weather factors", *Journal of Applied Meteorology*, vol. 17, American Meteorological Society, 1978, p. 1141-1152.
- VRIES, J., "Analysis of historical climate-society interaction", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 273-293.
- WACHS, M., CRAWFORD, M., *The car and the city: the automobile, the built environment and the daily urban life*, University of Michigan Press, Ann Arbor, 1972.
- WANG, PAO-KUAN, "Air pollutant measurements", *Handbook of applied meteorology*, David D. Houghton Wiley, Interscience, New York, 1985.
- WANNER, H., HERTIG, J., "Studies of urban climates and air pollution in Switzerland", *Journal of Climate and Applied Meteorology*, Vol. 23, Dec. 84, p. 1614-1625.
- WATSON, I. D., JOHNSON, G. T., "Graphical estimation of sky view-factors in urban environments", *Journal of climatology*, vol. 7, P. A. Smithson (ed.) – Department of geography, University of Sheffield, New York, 1987, p. 193-197.
- WAYLEN, P. R., "Statistical analysis of freezing temperatures in central and southern Florida", *Journal of climatology*, vol. 8, Royal Meteorological Society, 1988, p. 607-628.
- WEBB, A. H., et al., "Studies on the effects of air pollution on limestone degradation in Great Britain", *Atmospheric Environment*, vol. 26-B, nº 2, 1992, p. 165-181.
- WHEELER, D. A., "The Summer of 1987 in North-East England", *Weather*, vol. 43, nº 5, Published by the Royal Meteorological Society, 1988.
- WHITE, J. C., *Global climate change linkages: acid rain, air quality and stratospheric ozone*, Proceedings of a Conference sponsored by the Center for Environmental Information, Inc., Elsevier, New York, 1989.
- WHITE, R., "Está el hombre cambiando el clima?", *Mazingira – The international journal for environment and development*, vol. 6, nº 3, Mazingira Ed., U.K., 1982.
- WHO, *Environmental health criteria 3. Lead*, World Health Organization, Geneva, 1977.
- WHO – REGIONAL OFFICE FOR EUROPE, "Environmental health impact assessment of urban development projects", *Guidelines and recommendations: draft report*, Geneva, 1985.

- WHYTE, A. V. T., "Perception", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 403-437.
- WIGLEY, T. M. L., et al., "Historical climate impact assessments", *Climate Impact Assessment*, KATES, R. W., AUSUBEL, J. H., BERBERIAN, M. (ed.), John Wiley & Sons, Series Scope, Chichester, 1986, p. 529-565.
- WIGLEY, T. M. L., LOUGH, J. M., JONES, P. D., "Spatial patterns of precipitation in England and Wales and a revised, homogeneous England and Wales precipitation series", *Journal of climatology*, vol. 4, P. A. Smithson (ed.) - Department of geography, University of Sheffield, 1984, p. 1-25.
- WIGLEY, T. M. L., RAPER, S. C. B., "Internally generated natural variability of global-mean temperatures", *Greenhouse-gas-induced climatic change: a critical appraisal of simulations and observations*, SCHLESINGER, M. E. (ed.), Elsevier Science Publishing Company, New York, 1991, p. 471-482.
- WIGLEY, T. M. L., "Future climate of the Mediterranean basin with particular emphasis on changes in precipitation", *Climatic Change and the Mediterranean - environmental and societal impacts of climate change and sea-level rise in the Mediterranean region*, JEFTIC, I., MILLIMAN, J. D., SESTINI, G., (ed.), Edward Arnold, London, 1992, p. 15-44.
- WILHELM, JORGE, "Medio Ambiente y ciudad", *Las grandes ciudades en la decada de los noventa*, BORJA, JORDI et al. (ed.), Editorial Sistema, Madrid, 1990, p. 347-370.
- WILHITE, D. A., EASTERLING, W. E., "Coping with drought: toward a plan of action", *Eos*, vol. 70, n° 7, American Geophysical Union, 1989, p. 106-108.
- WILHITE, D., EASTERLING, W. E., WOOD, D. A. (ed.), *Planning for drought, toward a reduction of societal vulnerability*, Westview Press/UNEP, Boulder and London, 1987.
- WILLIAMS, M. L., BROUGHTON, G. F. J., BOWER, J. S., "Ambient NO<sub>x</sub> concentrations in the U.K. 1976-1984 - a summary", *Atmospheric Environment*, vol. 22, n° 12, 1988, p. 2819-2840.
- WIMAN, I. M. B., "Expecting the unexpected: some ancient roots to current perceptions of nature", *Ambio - a Journal of the Human Environment*, vol. XIX, n° 2, Abril 1990, p. 62-69.
- WMO, "Some methods of climatological analysis", *Technical note* n° 81, Geneva, 1966.
- WMO, "Dispersion and forecasting of air pollution", *Technical Note*, n° 121, Geneva, 1972.
- WMO, "Outline plan and basis for the world climate programme 1980-83", *Technical note*, WMO n° 540, Geneva, 1980.
- WOLMAN, A., "Disposal of man's wastes", *Man's role in changing the face of the earth*, THOMAS, W. L. (ed.), The University of Chicago Press, Ltd., London, 1970, p. 807-817.
- WOOD, C. M., LEE, N., LUKER, J. A., SAUNDERS, P., *The geography of pollution: a study of Greater Manchester*, Manchester University Press, Manchester, 1974.
- WOOD, WILLIAM B., "Tropical deforestation, balancing regional development demands and global environmental concerns", *Global Environmental Change*, Butterworth-Heinemann Ltd, vol. 1, n° 1, December, 1990, p. 23-33.
- WORLD CLIMATE CONFERENCE, *Climate Change: science, impacts and policy*, Proceedings of the Second World Climate Conference, Cambridge, Cambridge University Press, 1991.

- WORLD COMMISSION ON ENVIRONMENT AND DEVELOPMENT, *Our common future*, Oxford University Press, Oxford, 1987.
- WORLD RESOURCES INSTITUTE, *World Resources 1990-91*, Report of the World Resources Institute, Oxford University Press, New York and Oxford, 1990.
- WRIGHT, D. H., "Human impacts on energy flow through natural ecosystems and implications for species endangerment", *Ambio - a Journal of the Human Environment*, vol. XIX, nº 4, Jul. 1990, p. 189-194.
- YAGUE, C., ZURITA, E., MARTINEZ, A., "Statistical analysis of the Madrid urban heat island", *Atmospheric Environment*, Part B, vol. 25-B, nº 3, 1991, p. 327-332.
- YAMASHITA, S., SEKINE, K., SHODA, M., "On relationships between heat island and sky view factor in the cities of Tama River basin, Japan", *Atmospheric Environment*, vol. 20, nº 4, 1986, p. 681-686.
- YARNAL, B., WHITE, D., "Subjectivity in a computer-assisted synoptic climatology I: classification results", *Journal of climatology*, vol. 7, P. A. Smithson (ed.) – Department of Geography, University of Sheffield, New York, 1987, p. 119-128.
- YIP YAT HOONG, LOW KWAI SIM (ed.), *Urbanization and environment with special reference to Kuala Lumpur*, Institut Pengajian Tinggi, University of Malaya, Kuala Lumpur, 1984.
- YOSHIDA, A., "Two-dimensional numerical simulation of thermal structure of urban polluted atmosphere (effects of aerosol characteristics)", *Atmospheric Environment*, Part B, vol. 25-B, nº 1, 1991, p. 17-23.
- YUEN, TSAN-YING, HARRISON, HALSTEAD, CHARLSON, ROBERT, BAKER, M. B., "The global sulfur box model", *Atmospheric Environment*, vol. 13, Pergamon Press, Great Britain, 1979, p. 1351-1359.
- ZUIDEMA, F. C., *Impacto da urbanização no planeamento e gestão dos recursos hídricos – uma contribuição para o programa Hidrológico Internacional*, UNESCO, Zandvoort, 1977.