

## 引用文献 References

- Anantha Ram, K., Bhati, G.N. and Goyal, D. (1990): The Economics of cooking energy scenario in arid Rajasthan, Annals of arid zone, 29(4), 333-338 .
- Balling, R.C.Jr(1991 ): Impact of desertification on regional and global warming. Bull.Amer.Meteor.Soc., 72, 232-234 .
- Bryant,N.A., L.F.Johnson, A.J.Brazel, R.L.Balling, C.F.Hutchinson and L.R.Beck (1990): Measuring the effect of overgrazing in the Sonoran Desert. Climatic Change, 17, 243-264 .
- B S O N G (1994) Repertoire des ONG members , Secretaire permanent des Organizations non Gouvernementales , 1-45 .
- Charney,J.G. (1975): Dynamics of deserts and drought in the Sahel. Quart.J.Roy.Meteor.Soc., 101, 193-202 .
- Charney,J.G., P.H.Stone and W.J.Quirk (1975): Drought in the Sahara: A biogeophysical feedback mechanism. Science, 187, 434-435 .
- Chepil,W.S. and Woodruff, N.P. (1963) The physics of wind erosion and its control. Advances in Agronomy. 15, 211-302 .
- Colwin, D.L., Solensen, M. and Roades, J.D. (1989) Field-testing of models which identify soils susceptible to salinity development. Geoderma, 45, 31-64 .
- Courel,M.F., R.S.Kandel and S.I.Rasool (1984): Surface albedo and the Sahel drought. Nature, 307, 528-531 .
- Danish, Kyle W. (1995): International Environmental Law and the Bottom-up Approach: A Review of the Desertification Convention, Indiana Journal Of Global Legal Studies, Vol. 3, No. 1 (インターネット版：<http://www.law.indiana.edu/glsj/vol3/no1/danish.html>）.
- Deb Roy, R.(1993) Agroforestry and silvipastoral system to control desertification. In: Sen, A.K. & Kar, A., editors: Desertification and its control in the Thar, Sahara & Sahel regions. Jodhpur: Scientific Publishers, 321-328 .
- Dodd, J.L.(1994): Desertification and degradation in Sub-Saharan Africa - The role of livestock, BioScience, 44(1), 28-34 .
- Dregne,H.E. and C.J.Tucker (1988): Green biomass and rainfall in semi-arid sub-Saharan Africa. J.Arid Environments, 15, 245-252 .
- Egg, J and Gabas, J.-J. (1997): Preventing Food Crisis in the Sahel: Ten Years of Network Experience in Action 1985-1995, Club du Sahel/OECD, Paris,200 pp .
- Ethiopian Mapping Authority (1988) National Atlas of Ethiopia .
- FAO/UNEP/UNESCO (1979) A provisional methodology for soil degradation assessment. FAO, Rome, Italy .
- Fridtjof Nansen Institute, The (1995): Green Globe Yearbook of International Co-operation on Environment and Development 1995, Oxford University Press, New York .
- FUGN (1994) Rapport annuel , 1993-1994 , 1-49 .
- Gornitz,V. (1985): A survey of anthropogenic vegetation changes in West Africa during the last century - climatic implications. Climatic Change, 7, 285-325 .
- Grunblatt, J., Ottichilo, W. K. and Sinange, R. K. (1992) GIS approach to desertification assessment and mapping, Journal of Arid Environments, 23, 81-102 .
- Hagan, L.J. (1991) A wind erosion prediction system to meet user needs. J. Soil Water Conserv. 46, 106-111 .
- IPCC (1990): Climate Change: The IPCC Scientific Assessment, eds. J.T.Houghton, G.J.Jenkins, and J.J.Ephraums, Cambridge Univ. Press, Cambridge, 365p .
- IPCC (1992): Climate Change 1992: The Supplementary Report to the IPCC Scientific Assessment, eds. J.T.Houghton, B.A.Callander, and S.K.Varney, Cambridge Univ. Press, Cambridge, 198p .
- IPCC (1995): Climate Change 1995: The Science of Climate Change, eds J.T.Houghton, L.G.M.Filho, B.A.Callander, N.Harris, A.Kattenberg, and K.Maskell, Cambridge Univ. Press, Cambridge, 572p .
- IPCC WGII (1995): Climatic Change 1995 - Impacts, Adaptations and Mitigations of Climate Change: Scientific-Technical Analysis: The Second Assessment Report of the Inter-Governmental Panel on Climate Change, eds. R.T.Watson, M.C.Zinyowera, and R.H.Moss, Cambridge Univ. Press, New

- York, 878p. .
- Ive, J. R., Walker, P. A. and Cocks, K. D. (1992): Spatial modeling of dryland salinization potential in Victoria, Australia, Land Degradation & Rehabilitation, 3, 27-36 .
- Jones, P.D. (1994): Hemispheric surface temperature variations: A reanalysis and an update to 1993. J.Climate, 7, 1794-1802 .
- Khakimov, F.I.: Soil Melioration conditions of desertification of deltas. pp.218 (1989) .
- Kohane, Robert, and Nye, Joseph S. (1977 & 1989): Power and Interdependence, Little, Brown & Co., Boston (1977), 2nd ed., Scott, Foreman Co., Glenview (1989) .
- Lal, R. (1988) Soil erosion by wind and water: Problems and prospects. In R.Lal (ed.) Soil Erosion Research Methods. J. Soil Water Conservation Society, Ankeny, IA, pp1-8 .
- Lane, L.J. and Nearing, M.A. (Eds.) (1989) USDA-Water Erosion Prediction Project: Hillslope profile model documentation. NSERL Rep. No.2, USDA, Agr. Res. Serv., Natl. Soil Erosion Res. Lab., West Lafayette, IN .
- McCann, James C. (1995) People of the Plow--An Agricultural History of Ethiopia, 1800-1990. The University of Wisconsin Press, Madison .
- Miura, K., Wichaidit, P. and Subhasaram, T. 1990 Genetic features on the major soils in Northeast Thailand. Technical paper No.8, Agricultural Development Research Center in Northeast Thailand, Khon Kaen .
- Miyazaki, T. & Tsunekawa, A. (1996) Remote sensing and social investigation for desertification in western India. In: Miyazaki T. and Tsunekawa A., editors: Towards solving the global desertification problem (4). Tsukuba: National Institute for Environmental Studies, 13-19 .
- Mo, W., Natori, T., Jiang, S., Nishimura, N. and Omasa, K. (1998) Responses of photosynthesis and water use to drought in two desert annuals, *Agriophyllum squarrosum* and *Bassia dasyphylla*. J. Arid Land Studies, in press .
- Mouat, D., Lancaster, J., Wade, T., Wickham, J., Fox, C., Kepner, W. and Ball, T. (1997): Desertification evaluated using and integrated environmental assessment model, Environmental Monitoring and Assessment, 48, 139-156 .
- Mwandosya, M.J. and Luhanga, M. L. (1985): An analytical model for a biomass system, Energy, 10 (9), 1023-1028 .
- Norton,C.C., F.R.Mosher and B.Hinton (1979): An investigation of surface albedo variations during the recent Sahel drought. J.Appl.Met., 18, 1252-1262 .
- Otterman, J. (1974): Baring high-albedo soils by overgrazing: A hypothesized desertification mechanism. Science, 186, 531-553 .
- Otterman, J. (1989): Enhancement of surface-atmosphere fluxes by desert-finge vegetation through reduction of surface albedo and of soil heat flux. Theoretical and Applied Climatology, 40, 67-79 .
- Parker,D.E., C.K.Folland and M.Jackson (1995): Marine surface temperature: Observed variations and data requirements. Climatic Change, 31, 559-600 .
- Perelli, A. (1992): Experiences d'eco-developpement local au Sahel: un apregu critique par la methode comparative. Publisud, Paris, 107 pp .
- Pons, R. (1992): The Environment and Sahelian Realities: Potential for Improvement in Aid Polices and Project Management - Suggestions Based on Some Twenty Case Studies. Working Paper SAH/D(92)395, Club du Sahel/OECD/CILLS, 51 pp .
- Princen, Thomas, and Finger, Matthias (1994): Environmental NGOs in World Politics, Routledge, London .
- Proctor, J.D. (1990): The limits to growth debate and future crisis in Africa: a case-study from Swaziland, Land Degradation & Rehabilitation, 2, 135-155 .
- Renard, K.G., Foster, G.R., Weesies, G.A. and Porter, J.P. (1991) RUSLE: Revised universal soil loss equation. J. Soil Water Conserv., 46, 30-33 .
- Rene. M. Rochette (1989) le Sahel en Lutte Contre la Desertification , Les Brise-vent de la Maggia et de Maiguizaoua Tahoua-Maradi / Niger , 197-220 .
- Rene. M. Rochette (1993) 砂漠化と闘うサヘル、マジア州とマイギウアの防風林群タウア / マラディ (ニジェール)、農用地整備公団、215-240 .
- Rich, Bruce (1994): Mortgaging the Earth: The World Bank, Environmental Impoverishment, and the Crisis of Development, Beacon Press, Boston .

- Robock, A., Turco, R.P., Harwell, M.A., Ackerman, T.P., Andressen, R., Chang, H.-S and Sivakumar, M.V.K.. (1993) Use of general circulation model output in the creation of climate change scenarios for impact analysis, *Clim. Change*, 23, 293-335 .
- Ropelewski, C.F. and M.S.Halpert (1987): Global and regional scale precipitation patterns associated with the El Niño-Southern Oscillation. *Mon.Wea.Rev.*, 115, 1606-1626 .
- Rozanov, B.G.: Principles of the doctrine on the environment. pp.273, IGU, Moscow (1984) .
- Sakurai, K., Araki, S., Naganawa, T., Iwatsubo, G., Attanandana, T. and Prachaiyo, B. (1989) Improvement of biological productivity in degraded lands in Thailand. I. Site and profile descriptions of the experimental sites., *Pedologist*, 33, 17-29 .
- Sakurai, K., Prachaiyo, B., Attanandana, T., Tanpibal, V., Araki, S., Naganawa, T., Iwatsubo, G. and Yoda, K. (1991) Improvement of biological productivity in degraded lands in Thailand. II. Influence of soil temperature, moisture and fertility on plant growth in the Takuapa experimental site. *Tropics*, 1, 113-129 .
- Sarkar, A.K. and Roy, A.B.(1993): Oscillatory behaviour in a resource-based plant - herbivore model with random herbivore attack, *Ecological Modelling*, 68, 213-226 .
- Schoonmaker Freudenberger, K., ( 1991 ) Mbegue: The Disingenuous Destruction of a Sahelian Forest, IIED Paper No.29, 28p .
- Secretariat Permanent des Organisations Non Gouvernementales (1996): *Annuaire des Organisations Non Gouvernementales Membres*, Burikina Faso, Edition 1996, Edition Edifice, Ouagadougou .
- Sellers,P.J.(1992): Biophysical models of land surface processes. In Trenberth,K.E. ed.: *Climate system modeling*, Cambridge Univ. Press, Cambridge, 451-490 .
- Shigeta, M. et al., (1998) The Tree against Hunger-ensest based agricultural system in Ethiopia. American Association of the Advancement of Science, Washington D.C .
- Shinoda and M.Gamo (1998): Vegetation-atmosphere interaction: Reexamination of the Charney's hypothesis. Submitted to *J.Climate* .
- Shinoda, M. (1995): Effect of desertification on climate: A review. *J. Arid land Studies*, 6, 105-114(in Japanese with an English abstract)
- Shinoda, M. (1995): Roles of sea surface temperatures and land cover on the Sahelian drought. *J.Geogr.*, 104, 592-5981 (in Japanese)
- Shinoda, M. (1995): West African and rainbelt variation: An update to 1990. *J.Meteor.Soc.Japan*, 73, 259-266 .
- Shinoda, M. and R.Kawamura (1994): Tropical rainbelt, circulation, and sea surface temperatures associated with the Sahelian rainfall trend. *J.Meteor.Soc.Japan*, 72, 613-624 .
- Skidmore, E.L., Woodruff, N.P. (1968) Wind erosion forces in the United States and their use in predicting soil loss. *Agriculture Handbook No. 346*, USDA, Washington D.C. .
- Stacy, R. A. and Snrech, S. (1997): Desertification control and risk management in a changing agriculture: The case of the Sahel. *Journal of Arid Land Studies*, 6(2), 87-103 .
- Szabolcs, I. (1986) Agronomical and ecological impact of irrigation on soil and water salinity. *Advances in Soil Sci.*, 4, 189-218, Springer-Verlag, New York .
- Tachiiri, K., Takeuchi, K & Tsunekawa, A.(1997):The Present status, potential and limits of simulation models of desertification in the world, Proceedings of the International Symposium on The Role of Remote Sensing for the Environmental Issues in Arid and Semi-Arid Regions, CEReS, 155-162 .
- Tiffen, M., Mortimore, M. and Gichuki, F.(1994): More People, Less Erosion: Environmental Recovery in Kenya. Wiley, Chichester, 311 pp .
- Timberlake, L.(1991): Africa in Crisis: The Causes of Environmental Bankruptcy. New edition, London, 203 pp .
- Tsunekawa, A., Kar, A., Yanai, J., Tanaka, U. & Miyazaki, T. (1997) Influence of continuous cultivation on the soil properties affecting crop productivity in the Thar Desert. India, *J Arid Environ*, 36, 367-384 .
- Tsunekawa, A., Zhang, X., Zhou, G. and Omasa, K. (1996) Climate change and its impacts on the vegetation distribution in China. In *Climate Change and Plants in East Asia*. (K. Omasa, K. Kai, H. Taoda, Z. Uchijima and M. Yoshino, eds.), Springer-Verlag .
- Tucker,C.J., H.E.Dregne and W.W.Newcomb (1991): Expansion and contraction of the Sahara Desert from 1980 to 1990. *Science*, 253, 299-301 .

- U.S. Dep. Agr.: Diagnosis and improvement of saline and alkali soils. U.S. Dept. Agri. Handbook 60, P.460 (1953) .
- UN (United Nations) (1994): United Nations Convention to Combat Desertification in Those Countries Experiencing Serious Drought and/or Desertification, Particularly in Africa. Final Text A/AC 241/27:12 September 1994, 58 pp .
- UNEP (1991): A new assessment of world state of desertification. Desertification Control Bull., No.20 .
- United Nations (1991): Implementation of the Plan of Action to Combat Desertification, United Nations Environment Programme, Nairobi .
- Venkateswarlu, J.(1993) Problems and prospects in desertification control ?role of central arid zone research institute. In: Sen, A. K. & Kar, A., editors: Desertification and its control in the Thar, Sahara & Sahel regions. Jodhpur: Scientific Publishers, 249-267 .
- Venkateswarlu, J., Sen, A. K. & Gupta, J. P.(1992) Desertification and its control in the Thar. In: Kar, A., Abichandani, R.K., Anantha Ram, K. and Joshi, D.C., editors: Perspectives on the Thar and the Karakum. New Delhi: Department of Science and Technology, Ministry of Science and Technology, Govt. of India, 307-316 .
- Vinogradov, B. V. (1995): Aerospace monitoring of desertification dynamics, Desertification Control Bulletin, 27, 35-46 .
- Watson, R.T., Zinyowera, M.C.,Moss, R.H. and Dokken, D.J. (eds.) (1996) Climate Change 1995. Cambridge University Press .
- Webster, R. (1985) Quantitative spatial analysis of soil in the field. Advances in Soil Sci., 3, 1-70, Springer-Verlag, New York .
- Wendler,G. and F.Eaton (1983): On the desertification of the Sahel zone. Part : Ground observations. Climatic Change, 5, 365-380 .
- Williams, M.A.J. and R.C.Balling (1994): Interactions of desertification and climate. WMO/UNEP, 230p .
- Wishmeier, W.H. and Smith, D.D. (1978) Predicting rainfall erosion losses. USDA, Agriculture Handbook No. 537, USDA, Washington D.C. .
- Xue,Y. and Shukla,J. (1993): The influence of land surface properties on Sahel climate. Part : Dertification. J.Climate, 6, 2232-2245 .
- Yoda, K. and Shunalu, P.(Eds.) (1991) Improvement of biological productivity of tropical waste lands in Thailand. (Mimeo graph) .
- Zhu, Z., Wang, X., Wu, W., Kang, G., Zhu, C., Yao, F., & Wang, T. (1992):China: Desertification mapping and desert reclamation. In World Altas of Desertification, UNEP: 46-49 .
- Zing, A.W. (1940) Dgree and length of land slope as it affects soil loss in runoff. Agric. Eng., 21, 59-64 .
- 石 敏俊、田中洋介、趙哈林 (1998 ) 農牧地域における土地利用の展開と沙漠化問題 - 中国ホルチン沙地の事例一、筑波大学農林社会経済研究、15、1-26 .
- 今川俊明 (1996) 宇宙から観た中国東部の砂漠化、土壤の物理性、74、29-37 .
- 内嶋善兵衛・清野 豔(1987)世界における自然植生の純一次生産力の分布, 農業環境技術研究所 九州農業試験場報告 .
- 大黒俊哉(1997)中国における土地荒廃の現状と過放牧による砂地草原の砂漠化、農業技術、52(6)、12-16 .
- 外務省経済協力局 (1997) 我が国の政府開発援助：ODA 白書 下巻 (国別援助)、943 p .
- 勝俣 誠 (1997) : サヘル地域における沙漠化防止対策と農村開発 - サヘル性の方法論的試論. 沙漠研究, 6(2), 141-147 .
- 門村 浩(1991)a : 地理学とその周辺分野における砂漠化研究の流れ . 門村 浩・武内和彦・大森 博雄・田村俊和 , 「環境変動と地球砂漠化」, 朝倉書店, 東京, 23-51 .
- 門村 浩(1991)b : 「サハラ南縁地帯における歴史時代の干ばつと砂漠化」『環境変動と地球砂漠化』朝倉書店 .
- 門村 浩 (1992) : 「サヘル 変動するエオコトーン」『サハラのほとり』門村・勝俣編、T O T O出版 .
- 門村 浩 (1994a) : 热帶アフリカの環境 - 危機からの脱出と持続的発展のために - 『砂漠化防止条約』をめぐって. 地理,39(11), 30-36 .

- 門村 浩 (1994b) : 『砂漠化防止条約』と砂漠化対策の課題.国際農林業協力.17(3), 15-21 .
- 門村 浩 (1995) : 『砂漠化と人間活動の相互影響評価に関する研究研究完了報告書』平成7年度  
国立環境研究所受託研究, 49 pp .
- 門村 浩 (1996) : 砂漠化 - 新たな対応への期待 - , 環境情報科学, 25(1), 49-51 .
- カラ=西アフリカ農村自立協力会(1997) 第5期カラ年次報告書(1996年9月~1997年8月)、1-20 .
- 国際協力事業団企画部 (1994) 砂漠化対策援助研究報告書、95 p .
- 国際協力事業団青年海外協力隊事務局(1996)セネガル共和国セネガル緑の推進協力プロジェクト  
ト中間評価調査報告書、208 p .
- 国際協力事業団青年海外協力隊事務局 (1996) タンザニア緑の推進協力プロジェクト (フェー  
ズ2) 中間評価報告書、153 p .
- 国際協力事業団青年海外協力隊事務局(1996)ニジェール共和国ニジェール緑の推進協力プロジ  
エクト中間評価報告書、233 p .
- 国際協力事業団 (1997) 国際協力事業団年報 1997、208 p .
- 小堀巖 1996 『乾燥地の水利体系 - カナートの形成と展開』大明堂 .
- 酒井 昭(1995)植物の分布と環境適応 朝倉書店 .
- 沙漠化対策総合検討会(1996) : 沙漠化対策ハンドブック、社団法人海外環境協力センター、東  
京 .
- サヘルの会 (1990) マリ共和国における活動の記録(1989年1月~12月) (下)、サヘルの会の  
プロジェクト、-1- -15 .
- サヘルの会 (1996) サヘルの会機関紙、第46号、1-8 .
- サヘルの会 (1996) サヘルの会年次報告、1-26 .
- 重田眞義(1988)「エチオピアの栽培植物」日本エチオピア協会 .
- 重田眞義(1997)「アフリカ熱帯高地の環境と栽培植物—エチオピア高地を中心に」Tropics .
- 篠田雅人(1995):サヘルの干ばつにおける海水面温度と地表面被覆の影響. 地学雑誌, 104,  
592-598 .
- 篠田雅人(1997):砂漠化の気候に対する影響：概説. 沙漠研究, 6, 105-114 .
- 嶋田義仁 (1990) 「トンプクトゥ - サハラ南端の交易・イスラーム都市」『地理』35-7 .
- 嶋田義仁 (1992a) 「サヘルの「内陸化」と「後進化」」『サハラのほとり』門村・勝保編、T  
OTO出版 .
- 嶋田義仁 (1992b) 「サヘルの文化と社会」『サハラのほとり』門村・勝保編、OTO出版 .
- 嶋田義仁 (1992c) 「人間の生産活動から見たサハラ南縁地帯の乾燥化」『沙漠研究』2 .
- 嶋田義仁 (1993) 「ジェンヌ - アフリカのイスラーム自由都市」『季刊民族学』66 .
- 嶋田義仁 (1994) 「熱帯サヴァンナ農業の貧しさ」『文化の地平』井上・祖田・福井編、世界  
思想社1995 『牧畜イスラーム国家の人類学』世界思想社 .
- 嶋田義仁 (1997a) 「トランスサハラ交渉史」『新書 アフリカ史』宮本正興・松田素二編、講談  
社 .
- 嶋田義仁 (1997b) Jenne morte -la secheresse du delta interieur du Niger et ses problemes (死せる  
ジェンヌ - ニジェール川内陸デルタにおける乾燥化とその諸問題)、広島大学地誌資料セン  
ター .
- 嶋田義仁 (1998) 『稻作文化の世界観 - 『古事記』神代神話を読む』平凡社 .
- 鶩見一夫(1989) : ODA : 援助の現実、岩波新書、東京
- 諏訪雄三(1996) : アメリカは環境に優しいのか: 環境意思決定とアメリカ型民主主義の功罪、新  
評論、東京 .
- 武内和彦(1991) : わが国の砂漠化防止への取り組みの現状と課題 . 門村 浩・武内和彦・大森博  
雄・田村俊和, 「環境変動と地球砂漠化」, 朝倉書店, 東京, 231-238 .
- 西田 研・柴田健一(1995) : 砂漠化のモニタリングと農牧林業開発可能性の検討, 農業土木学会  
誌, 63(5), 483-488 .
- 西村 格(1988)乾燥地の植生 中国ステップ地域の植生と砂漠化, 热帯農研集報61,  
34-50Uchijima, Z. and Seino, H. (1985) Agroclimatic evaluation of net primary productivity of  
natural vegetation. (1) Chikugo model for evaluating net primary productivity. J. Agr.Meteorol. 51,  
245-257 .
- 平賀義彦・松本 聰(1993)来世紀をどう生きるか - 21世紀の食糧生産と人口問題から考える - , 沙  
漠研究, 3, 83-99 .
- 福井慶則 (1996) サヘル地域の砂漠化と開発、国際農林業協力、19 (1)、20 - 24 .

緑のサヘル(1998) 1997年年次報告書.

望月 克哉(1997) アジア経済研究所、アジ研トピックリポート「N G Oの現在」 - 国際協力  
の現状と課題 - 、アフリカにおけるN G O活動の現状と問題点、15-26 .

吉野正敏(1997)中国の沙漠化 大明堂 .