

References:

- Archwichai, L., 1989. Fracture density map for groundwater development in Khon Kaen, Northeast Thailand. In: Proceedings of the Annual Technical Meeting 1989 "Geology and mineral resources of Thailand, Indochina, and Myanmar" and IGCP-246 "Pacific Neogene events in Southeast Asia", Chiang Mai University, Thailand, p.59-68.
- Arunin, S., 1984. Characteristics and management of salt-affected soils in the northeast of Thailand. In: Ecology and Management of Problem Soils in Asia, Food and Fertilizer Technology for Asian and Pacific, Region, Taiwan, p. 336-351.
- Arunin, S., 1987. Management of Saline Soil and Alkaline Soils in Thailand, Paper presented at the Regional Expert Consultant on the Management of Saline/Alkaline Soils, FAO Regional Office for Asian and the Pacific, August 25-29, 1987, Bangkok, Thailand, 15 p.
- Arunin, S., Rungsangchan, P., Dissataporn, C. & Yuwaniyama, A., 1988. Impact of Reservoirs on Salinization in Northeast Thailand (in Thai), Journal of Agricultural Sciences of Thailand, 21(5), p. 331-345.
- Arunin, S. & Im-Erb, R., 1991. Agriculture use of Coastal Reclaimed Lands including Salt-affected Areas, Paper presented at the International Training Course of Agricultural Use of Reclaimed Land, October 18-24, 1991, Kwangju: Chonnam University, Kwangju, Republic of Korea, 12 p.
- Arunin, S., 1992a. Strategies for utilizing salt-affected land in Thailand, In: Proceedings of the International Symposium on Strategies for Utilizing Salt Affected Lands, Department of Land Development, February 17-19, 1992, Bangkok, Thailand, p. 26-37.
- Australian Development Bureau (ADAB), 1978. Feasibility Study of Soil Salinity in North East Thailand, Canberra: ADAB, 112 p.
- Borax, E., & Stewart, R.D., 1965. Notes on the Khorat Series of Northeastern Thailand: Rep. 3rd Symp. Dev. Petrol, Res. Asia, Far East, ECAFE Committee, p. 1-25.
- Brena, J., Sanvicente, H. & Pulido, L., 1995. Salinity Assessment in Mexico, In: Use of Remote Sensing Techniques in Irrigation and Drainage, eds. Vidal, A. and Sargardoy, J.A., FAO, Rome, p. 179-184.

References

- Brown, G.F., Buravas, S., Charaljavanaphet, J., jarijandra, N., Johnston, W.D., Sresthaputra, V., & Taylor, G.C., 1951. Geological Reconnaissance of Mineral Deposits of Thailand: U.S.Geol.Surv. Bull. 984, 183 p.
- Buaphan, C., Boonsener, M., Archwichai, L., Wannakao, P. & Youngme, W., 1990. Groundwater Qualification and Fluctuation in Fractured Shale Aquifer of northeastern Thailand, In: Proceedings of the International Conference on Groundwater Resources Management, November 5-7, 1990, Division of Water Resources Engineering, Asian Institute of Technology, Bangkok, Thailand, p. 291-298.
- Buffetaut, E., & Ingavat, R., 1983. *Goniopholis phuwiangensis nov. sp.*, a new mesosuchian crocodile from the Jurassic of northeastern Thailand; *Geobis*, V.16, no.1, p. 79-91.
- Buffetaut, E., Sutheethorn, V., Tong, H., Chaimanee, Y., & Khansubha, S., 1997. New Dinosaur Discoveries in the Jurassic and Cretaceous of northeastern Thailand, In: Dheeradilok, P. (ed.-in-chief), Proceedings of the International Conference on Stratigraphy and Tectonic Evolution of Southeast Asia and the South Pacific, Department of Mineral Resources, Bangkok, Thailand, 1, p. 177-187.
- Bunopas, S., Fontaine, H., Salyapongse, S., & Vachard, D., 1983. Permian Paleogeography in southeast Thailand Evidenced by new Discoveries., *Journal of the Geological Society of Thailand*, 6(1), p. 17-21.
- Chaimanee, N., 2003. Geologic Map of the Khorat Greater City Area, Scale 1:100,000.
- Chairangsee, C., Hinze, C., Machareonsap, S., Nakornsiri, N., Silpanit, N. & Sinpool Anunt, S., 1990. Geological Map of Thailand on 1: 50, 000 scale: Exploration for the Sheet Amphoe Pak Chom (5345 II), Ban Na Kha (5344 I), Ban Huai Hop (5445 III), and King Amphoe Nam Som (5444 IV), *Geologisches Jahrbuch* 73, p. 3-55.
- Charusiri, P., Kosuwan, S. & Imsamut S., 1997. Tectonic Evolution of Thailand: From Bunopas (1981) to a New Scenario, In: Proceeding of the International Conference on Stratigraphy and Tectonic Evolution of Southeast Asia and South Pacific, Department of Mineral Resources, Bangkok, Thailand: p. 414-420.
- Chaturvedi, L., Carver, K.R., Harlen, J.C., Hancock, G.D., Small, F.V. & Darsted, K.J., 1983. Multispectral Remote Sensing of Saline Seeps, *IEEE Transactions on Geosciences and Remote Sensing*, Vol. 21 (3), p. 239-250.

References

- Chuaviroj, S., 1997. Deformations in Khorat Plateau, Thailand, In: Proceeding of the International Conference on Stratigraphy and Tectonic Evolution of Southeast Asia and South Pacific, Department of Mineral Resources, Bangkok, Thailand, p. 321-325.
- Cooper, M.A., Herbert, R., & Hill, G.S., 1989. The Structural Evolution of Triassic Intermontane Basins in Northeastern Thailand, In: Thanasuthipitak, T., and Ounchanum, P., (eds.), Proceedings of the Intermontane Basins: Geology and Resources, Chiang Mai University, Chiang Mai, p. 231-242.
- Dehann, R. and Taylor, G.R., 2003. Image-derived Spectral Endmembers as Indicators of Salinisation, International Journal Remote Sensing, Vol. 24, No. 4, p. 775-794.
- Department of Land Development, 1995. Land Development Gazette, Ministry of Agriculture and Cooperatives, Bangkok, Thailand, Vol. 358-359, p. 21-27.
- Department of Mineral Resources, 1999, Geological Map of Thailand, Scale 1:1,000,000
- Department of Mineral Resources, 1999, Geological Map of Thailand, Scale 1:2,500,000
- Department of Mineral Resources, Federal Institute for Geosciences and Natural Resources, Brandenburg Technical University, Geophysik GGD, 2003. Geoscientific Investigations for a New Landfill Site for the Municipality of Dan Khun Thot, Nakhon Ratchasima, Executive Summary Report, Thai-German Research Project WADIS, 26 p.
- Dissataporn, C., 2002. Application of Electromagnetic Method to Detect Soil Salinity and the Rehabilitation of Salt-affected Soils in Northeastern Thailand, Ph.D. Thesis, Tokyo University of Agricultural, 264 p.
- Donald, E.G., 1996. Potash Deposits, Processing, Properties and Uses. Great Britain: Chapman and Hall.
- Dwivedi, R.S., 1969. Monitoring of Salt-affected Soils of the Indo-Gangetic Alluvial Plains using Principal Components Analysis, International Journal of Remote Sensing, Vol.17 (10), p. 1907-1914.
- Eberle, D.G., 2002. Beratung des DMR bei Planung, Ausführung und Interpretation gleichstromelektrischer Tiefensondierungen auf dem Khorat-Plateau (NE-Thailand), Technische Zusammenarbeit mit Thailand Projekt : Umweltgeologie für Regionalplanung, Department of Mineral Resources, Bangkok, Thailand.

References

- Eiumnoh, A., Awadh, K.S., Murai, S. & Parkpian, P., 1994. Mapping of Salt-affected Soils using Remote Sensing and Geographic Information Systems: A Case Study of Nakhon Ratchasima, Thailand, Space Technology Applications and Research Program, Asian Institute of Technology, Bangkok, Thailand, 6 p.
- FAO, 1988. Salt-affected Soils and their Management, Bulletin No. 39, FAO, Rome.
- Fetter, C.W., 1994. Applied Hydrogeology, Third Edition, University of Wisconsin-Oshkosh, Prentice Hall, New Jersey, 691 p.
- Foad, A.K., 2003. Soil Salinity Detection using Satellite Remote Sensing, Master Thesis, International Institute for Geo-Information Science and Earth Observation, Enschede, The Netherlands, 61 p.
- Franke, D., Tantiwanit, W., Solgosoom, S., Kanhasut, K. & Lampoonsub, K., 2002. Seismic Investigation in Khorat/NE Thailand in March-April 2002 Operation Report, Thai-German Technical Cooperation Project, Department of Mineral resources, Bangkok, Thailand, 39 p.
- Freeze, R.A. & Cheery J.A., 1979. Groundwater, Prentice Hall Inc., Englewood Cliffs, N.J., 604 p.
- Fontaine, H., Salyapongse, S., Suteethorn, V., Tansuwan, V., & Vachardm D., 1996. Recent biostratigraphic discoveries in Thailand: Preliminary Report, CCOP Newsletter, 21(2), p. 14-15.
- Furukawa, H. & Phichai, W., 1989. Salt and Sinkhole Corrosion as a Principal Factor Governing Topography and Mass Movement in Northeast Thailand, South East Asian Studies, Vol. 27, No. 1, p. 3-34.
- Gardner, L.S., & Hayworth, P.N., 1967. Salt Resources of Thailand, Report of Investigation No.11, Department of Mineral Resources, Bangkok, Thailand, 100 p.
- Ghassemi, F., Jakeman, A.J., & Nix, H.A., 1995. Salinisation of Land and Water Resources, Thailand, Centre for Resources and Environment Study, Sydney, Australia, p. 431-458.
- Gronfeld, P. & Bupppong, T., 1992. Four Years of Brine Production by Solution Mining: The Pimai Project in Thailand, In: Proceedings of the National Conferences on "Geologic Resources of Thailand: Potential for Future Development", Proceedings Nov. 17-24, Department of Mineral Resources, Bangkok, Thailand, p. 165-171.

References

- Gupta, R.P., 1991. Remote Sensing Geology, Springer: New York Heidelberg Berlin. 356 p.
- Haggemann, H., 1994. Sedimentäre Entwicklung der Khorat Gruppe (Obertrias-Paläogen) in Nordost-und Nord-Thailand, Disseratation, 1993, Göttinger Arb. Geol. Paläont., 63, 146 s.
- Hahn, L., 1982. Stratigraphy and Marine Ingression of the Mesozoic Khorat Group in Northeastern Thailand, Geol. Jb, B59, p. 7-35.
- Haworth, H.F., Na Ciang Mai, P., & Phiancharoen, C., 1965. Groundwater Resource Development of northeastern Thailand: Department of Mineral Resources, Ground Water Bulletin No.2, 1252 p.
- Henry, L., Harron, B. & Flaton, D., 1987. The Nature and Management of Salt-affected Land in Saskatchewan., Saskatchewan Agriculture, Agdex 518, 23 p.
- Hite, R.J., 1971. Potential for Potash and Related Mineral Resources, Khorat Plateau, Northeast Thailand and Central Laos, Unpublished. U.S. Geol. Survey Project Report, (IR) EA-1.
- Hite, R.J., 1973. Evaporite Deposits of the Khorat Plateau, Northeastern Thailand, In: Proceedings of the 4th Symposium on Salt, Houston, Texas, April 8-12, 1973, Vol. 1, p. 135-146.
- Hite, R.J. & Japakasetr, T., 1979. Potash Deposits of the Khorat Plateau, Thailand and Laos, Economic Geology, Vol. 74, p. 448-458.
- Hite, R.J., 1982. Progress Report on the Potash Deposits of the Khorat Plateau, Thailand, Project Report Thailand Investigation (IR) TH-25, U.S. Geological Surveys open-file Report 82-1096.
- Hunt, P., 1992. Salt of the Earth, Manager: Thailand Business Monthly, 43 (July), p. 40-43.
- Iwai, J., 1968. The Sedimentary Structures observed in Rocks of the Khorat Group and Overlying Formation: Geol. Paleont. Southeast Asia, Tokyo University, 5, p. 166-172.
- Jantaranipa, W., Vongpromek, R., Sukko, T. & Preammanee, J., 1981. Application of Enhance Landsat Imagery to Mineral Resources of Loei Province, Northeastern Thailand. In: Econ.Geol. Bulletin No.30, Department of Mineral resources, Bangkok, Thailand.

References

- Japakaster, T., 1974. Potash investigation in Northeast Thailand, Progress Report, Economic Geology Division, Thai Department of Mineral Resources, 37 p. (in Thai).
- Japakasetr, T., 1977. Potash Investigation in northeastern Thailand, Department of Mineral Resources, Bangkok, Thailand, September 1977, 26 p.
- Japakasetr, T. & Workman, R.D., 1981. Evaporite Deposition of Northeast Thailand. In: Michel T. Halbouty (ed.), Energy resources of Pacific region AAPG Studies in Geology No.12, p. 178-179.
- Japakasetr, T. & Suwanich, P., 1982. Potash and Rock Salt in Thailand, Appendix A, Nonmetallic Minerals Bulletin No. 2, Department of Mineral Resources, A 46 p.
- Japakasetr, T., 1985, Review on Rock Salt and Potash Exploration in northeast of Thailand, In: Proceedings of Conference on Geology and Minerals Resources Development of the Northeast, Thailand, Department of Geology, Khon Kaen University, p. 135-147.
- Jensen, J.R., 1986. Introductory Digital Image Processing: a Remote Sensing Perspective , Englewood Cliffs, New Jersey, Prentice Hall, 379 p.
- Khan, M.N., Rastoskuev, V.V., Salina, E.V. & Sato, Y., 2001. Mapping Salt-affected Soils Approach with the Use of GIS IDRISI, Paper presented at the 22nd Asian Conference on Remote Sensing, November 5-9, 2001, Center for Remote Imaging, Sensing and Processing (CRISP), Singapore, 5 p.
- Khundee, S., Kühn, F., & Margane, A., 2002. Remote Sensing Khorat Plateau, Technical Report No. 38, Thai-German Technical Cooperation Project: Environmental for Regional Planning, Department of Mineral Resources, Bangkok, Thailand, 75 p.
- Khundee, S., 2003, Saline Soils and Sinkholes in northeastern Thailand, Papers presented in the Annual Meeting of Geological Surveys Division, Department of Mineral Resources, September 22-23, Bangkok, Thailand, p. 115-123 (in Thai).
- Kozar, M.G., Crandall, G.F. & Hall, S.E., 1992. Integrated Structural and Stratigraphic Study of the Khorat Basin, Rat Buri Limestone (Permian), Thailand, In: Pianchareon, C. (ed.-in-chief), Proceedings of the National Conference on Geologic Resources of Thailand : Potential for Future Development, Department of Mineral Resources, Bangkok, Thailand, p. 692-736.
- Kobayashi, T., 1964. Geology of Thailand: Geol. Paleont. Southeast Asia, 1, p. 1-15.

References

- Krairapanond, N., Krairapanond A., Sinthuwanich, D. & Junpet, T., 1992. Environment Impact of Rock Salt Mining and Water Resources of northeast Thailand. In: Proceedings of the International Symposium on Strategies for Utilizing Salt Affected Lands, February 17-25, 1992, Department of Land Development, Bangkok, Thailand, p. 309-322.
- Kubiniok, J., 1990. Relief- und Bodengeneration auf dem Khorat-Plateau (NE-Thailand), *Z. Geomorph. N.F.*, Band 34, Heft 2, S. 149-164.
- Kwiatkowski, J., Marciak, L.C., Wentz, D. & King, C., 1995. Salinity Mapping for Resource Management within the Country of Weathland, Alberta, Alberta Agriculture, Food and Rural Development and Agriculture and Agri-Food Canada, Edminton.
- La Moreaux, P.E., Caral-Javanaphet, J.C., Jalichan, N., Na Chiang Mai, P., Bunnag, D., Thavisri, A., & Rakprathum, C., 1959. Reconnaissance of the Geology and Groundwater of the Khorat Plateau, Thailand: U.S.Geol. Survey, Water Supply Paper 1429, 62 p.
- Lee, W.M., 1923. Reconnaissance Geological Report of the Khorat Region, Province of Nakhon Rajasima, Roi Et, Udon and Ubon, Siam, Mimeorg. Copy Reproduction.
- Limpinuntana, V., & Arunin, S., 1986. Salt Affected Lands in Thailand and its Agricultural Productivity, Reclamation and Revegetation Research, 5, p. 143-149.
- Löffler, E., Thompson, W.P., & Lieangsakul, M., 1984. Quaternary Geomorphological Development of the Lower Mun River Basin, Northeast Thailand, In: *Catena*, Vol. 11/4, p. 321-330.
- Löffler, E. & Kubiniok, J., 1988. Soil Salinization in North-East Thailand, *Erdkunde*, Band 42, Heft 2, s. 89-100.
- Malila, K., 2001. Studies on Salt-related Phenomena in the Khorat Basin using Remote Sensing, Geophysics and Field Mapping, Master Thesis, School of Geotechnology, Suranaree University of Technology, Nakhon Ratchasima, Thailand, 93 p.
- Mantajit, N., 1997. Stratigraphy and Tectonic Evolution of Thailand, In: Proceedings of the International Conference on Stratigraphy and Tectonic Evolution of Southeast Asia and South Pacific, Department of Mineral Resources, Bangkok, Thailand: p1-25.
- Margane, A. & Tatong, T., 2004, Hydrogeology and its contribution to saline soil in the Khorat greater city area, Technical Cooperation Project No. 37,

References

- Thai-German Cooperation Project: Environmental Geology for Regional Planning, Bangkok, Thailand, 46 p.
- Mather, P.M., 1987. Computer Processing of Remotely Sensed Images: An Introduction, New York, John Wiley & Sons, 352 p.
- Meesook, A., Sutheetho, W., Chaodamrong, P., Wongprayung, T., Therarungsikluk, N. & Saaksuk, A., 2000. Mesozoic Era, In: Proceedings of 108 years of Department of Mineral Resources Conference on Geology and Mineral of Thailand: p. 47-58. (inThai)
- Meesook, A., 2000. Cretaceous Environments of northern Thailand, Okada, H. MAtter, N.J. (eds.), Cretaceous Environments of Asia, Elsevier, Tokyo, p. 207-223.
- Menenti, M., Lorkees, A. & Vissers, M., 1986. An application of Tematic Mapper Data in Tunisia, ITC Journal No.1, p. 35-42.
- Metcalfe, I., 1988. Origin and Assembly of south-east Asian Continental Terranes, In: Audley-Charles, M.G., and Hallam, A. (eds.), Gondwana and Tethys, Geol. Soc. Lond. Spec. Publ., 37, p. 101-118.
- Metternicht, G.I., & Zinck, J.A., 2002. Remote Sensing of Soil Salinity: Potentials and Constraints, Remote Sensing of Environment, 5812, p. 1-20.
- Milsom, J., 1996. Field Geophysics, England: John Wiley & Sons, 187 p.
- Mohamed, E.I.T., Cherdsak, U., Lee, C., & Warren, K., 1995. Cretaceous Saline Deposits of The Maha Sarakam Formation in The Khorat Basin, Northeastern Thailand, In: Proceeding of the workshop on the International Conference on Geology, Geotechnology and Mineral Resources of Indochina. Khon Kaen Univ: Khon Kaen, Thailand.
- Moormann, F.R., Montragun, S., & Panichapong, S., 1964. Soils of Northeastern Thailand, Department of Land Development, Bangkok, Thailand.
- Mouret, C, 1994, Geological History of NE Thailand since the Carbonifereous: Relations with Indochina and the Carboniferous to early Cenozoic Evolution Model, In: Proceedings of the International Symposium on Stratigraphic Correlation of Southeast Asia, Bangkok, p. 132-158.
- Mulders, M.A. & Epema, G.F., 1986. The Thematic Mapper: A New Tool for Soil Mapping in Arid Areas, ITC Journal, No. 1, p. 24-29.
- Naseri, M.Y., 1998. Characterization of salt-affected Soils for Modeling Sustainable Land Management in Semi-arid Environment: a Case Study in the

References

- Gorgan Region, Northeast Iran, Ph.D. Thesis, Ghent University, Belgium, 321 p.
- Parry, J.T., 1996. The High Terrace Gravels, Northeast Thailand-a Re-evaluation and an Integrated Theory of their Origin, *Z. Geomorp. N.F.*, Vol. 40, No. 2, p145-175.
- Phianchareon, C., 1973. Hydrogeological Map of Northeastern Thailand (scale 1: 500,000), Department of Mineral Resources, Bangkok, Thailand.
- Phiancareon, C., 1982. Hydrogeology and Groundwater Resources of Thailand, Department of Mineral Resources, Bangkok, Thailand.
- Piyasin, S., 1995, The hydrocarbon potential of Khorat Plateau, In: Wannakao, L., (ed.-in-chief), Proceedings of the International Conference on Geology, Geotechnonology and Mineral Resources of Indocina, Khon Kaen Univ., Khon Kaen, Thailand, p. 551-562.
- Ramnarong, V., 1985. Review on groundwater development in the northeastern Thailand, In: Thanvarachorn, P., Hokjareon, S., and Youngme, W., (eds.) Proceedings of the Conference on Geology and Mineral Development of the Northeast, Thailand, Khon Kaen, Thailand, 26-29 Nov. 1985, p. 113-125.
- Rao, B.R., Dwivedi, R.S., Venkataratnam, L., Ravishankar, T., Thammappa, S.S., Bhargava, G.P. & Singh, A.N., 1991. Mapping the Magnitude of Sodcity in Part of Indo-Gangagetic Plains of Uttar Pradesh, Northern India using Landsat data, *International Journal of Remote Sensing*, Vol. 12, p. 1419-1425.
- Richards, L.A., 1954. Diagnosis and Improvement of Saline and Alkaline Soils, U.S. Salinity Laboratory DA, U.S. Dept. Agr. Hbk 60, 160 p.
- Rigg, J., 1987. Forces and Influences behind the Development of Upland Cash Cropping in north-east Thailand, *The Geographical Journal*, 153(3), p. 370-382.
- Rimwanich, S. & Suebsiri, B., 1984. Nature and Management of Problem Soils in Thailand, In: Ecology and Management of Problem Soils in Asia, Food and Fertilizer Technology Centre for the Asian and Pacific Region, Taiwan, p. 13-26.
- Sabins, F.F., 1987. Remote sensing: Principle and Interpretation, 2nd edition, W.H. Freeman and Company, New York, 449 p.

References

- Saha, S.K., Kudart, M. & Bhan, S.K., 1990. Digital Processing of Landsat TM data for Wasteland Mapping in Parts of Aligarh District, Uttar Pradesh, India, *International Journal of Remote Sensing*, Vol. 11, p. 485-492.
- Sataragsa, P., 1987. Engineering Geology of Khorat City, Northeast Thailand, M.Sc. Thesis of Asian Institute of Technology, Bangkok, Thailand.
- Sattayarak, N., 1985. Northeast Geology, In: Proceedings of Conference on Geology and Minerals Resources Development of the Northeast, Thailand, Department of Geology, Khon Kaen University, p. 23-30 (in Thai).
- Sattayarak, N., Chanmaha, S., Chunrawong, J., Suwanich, P. & Chapakaseat, T., 1987. Influence of Rock Salt to Groundwater in Northeast Thailand, In: Proceedings of Geological Society of Thailand on Geology in Northeast Development, Bangkok: p. 37-75. (in Thai)
- Sattayarak, N. & Polachan, S., 1990. Rock Salt in the Khorat Plateau, In: Proceedings of the 3rd Conference on Geologic Resource Management, Department of Mineral Resources, August 16- 17 Bangkok, Thailand, p. 1-13 (in Thai).
- Seni, S.J. & Jackson, M.P.A., 1983a. Evolution of Salt Structures, east Texas Diapir Province, Part I: Sedimentary Record of Halokinesis. *A.A.P.G. Bulletin*. V. 67, p. 1219-1244.
- Seni, S.J., 1984. Roles of Diapirs in the Loss of Louann Salt, east Texas Basin: *Geological Society of America Abstracts with Program*, V. 16, 651 p.
- Sessler, W., 1990. The Influence on Subrosion of Three Different Types of Salt Deposits, In: Heling, Rothe, Förstner, Stoffers (eds.): *Sediments and Environment Geochemistry*, Springer: Hidelberg, p. 179-196.
- Sharma, P.V., 1986. *Geophysical Methods in Geology*. New Jersey: Prentice-Hall.
- Sharma, R.C. & Bhargava, G.P., 1988. Landsat Imagery for Mapping Saline Soils and Wet Lands in north-west India, *International Journal of Remote Sensing*, Vol. 9, p. 39-44.
- Sheldon, R.P., 1984. Phosphate Resource Assessment and Exploration in Thailand, The Department of Mineral Resource, report no.1, p. 1-52.
- Sinanuwong, S. & Takaya, Y., 1974a. Distribution of Saline Soils in the Khorat Basin of Thailand, *South East Asian Studies*, Vol. 10, No. 3, Dec. 1974, p. 365-382.
- Sinanuwong, S. & Takaya, Y., 1974b. Saline Soils in Northeast Thailand, *South East Asian Studies*, Vol. 12, No. 1, Jun. 1974, p. 105-120.

References

- Sinanuwong, S., Wichaidisdha, P., Pramojanee, P. & Trakuldist, P. 1980. The Use of Landsat Imagery for Soil Salinity Study in the northeast of Thailand, Thai Journal of Agriculture Sciences, 13 (July), p. 227-237.
- Singh, R.P. & Srivastav, S.K., 1990, Mapping waterlogged and salt affected soils and wet lands in north-west India, International Journal of Remote Sensing, Vol. 9, p. 1879-2592.
- Sonsuk, M. & Hasting, P., 1984. An Age from the Yasothorn Soil Series in the Sakhon Nakhon Basin, Journ. Geol. Soc. Thailand, Vol. 7, No.1, p. 1-11.
- Srisuk, K. & Toth, K., 1994. Groundwater Salinity and Three-Dimensional Groundwater Flow Model at Ban Nong Khai Nun, Khon Kaen, 186 p.
- Srisuk, K., 1995. Groundwater Flow Model of Fractured Aquifers in Phu Tok Formation, Khon Kaen, NE-Thailand, In: Proceedings of International Conference on Geology, Geotechnology and Mineral Resources of Indochina, Khon Kaen, Thailand, p. 485-495.
- Srisuk, K., 1996, Surface Water and Groundwater Salinity in the Khon Kaen Drainage Basin, Norhteast Thailand, proceeding of International symposium on Geology and Environment, Khon Kaen University, p. 243-254.
- Srisuk, K., Nettasana, T., Siripokakit, W., Dhanesvanich, O., & Charuratna, A., 2003. Groundwater Evaluation of the Highly Risky Areas of Salt Water Intrusion Tambol Thaphra, Khon Kaen, Northeast Thailand, In: Proceedings of International conference on Safe Drinking Water, Chiang Mai, Thailand, p. 1-14.
- Solgosoom, S., 1999. Report on “Geophysical Exploration to detect sinkhole in Ban Non Sabang, Sakhon Nakhon”, Geophysical Survey Section. Department of Mineral Resources, Bangkok, Thailand (in Thai).
- Sukchan, S. & Yamamoto, Y., 2000. Classification of Salt Affected Areas using Remote Sensing and GIS, JICAS Working Report No. 30, p. 15-19.
- Sundharovat, S., 1976. Potash in E-Sarn, Min. Resour. Gazette, Vol. 21, No.11, p. 1-8. (in Thai).
- Sundharovat, S., 1977. Structural Low of Potash in E-Sarn, Min. Reour. Gazette, Vol. 22, No. 7, p. 63-70. (in Thai).
- Supajanya, T., Vichapan, K., & Sri-israporn, S., 1992. Surface Expression of Shallow Salt Dome in Northeast Thailand. In: Pianchareon, C. (ed.-in-chief), Proceedings of the National Conference on Geologic Resources of

References

- Thailand : Potential for Future Development, Department of Mineral Resources, Bangkok, Thailand, Vol. 2, p. 89-95.
- Sutheethorn, V., Chaimanee, Y., Buffetaut, E., & Jäger, J.J., 1990. Vertebrate fossils in Thailand, In: Charusiri, P., Pisutha-Arnond, V., and Jarupongsakul, S., (eds.), Proceedings of the Technical Conference on Development Geology for Thailand into the Year 2000, Chulalongkorn Univ., Bangkok, Thailand, p. 99-109 (in Thai).
- Suwanapal, A., 1992. Potash Mine: A Co-Operative Project among Asean Countries and Private Sectors, In: Proceedings of the National Conferences on "Geologic Resources of Thailand: Potential for Future Development", Nov. 17-24, Department of Mineral Resources, Bangkok, Thailand, p. 159-164.
- Suwanich, P., 1983. Potash and Rock Salt in Thailand, In: Proceedings of the Conference on Geology and Mineral Resources of Thailand, 10 p.
- Suwanich, P., 1986. Structural Geology of Potash and Rock Salt in Nachuak Area, Khorat Plateau, Thailand: Fertilizer Minerals in Asia and Pacific, Mineral Concentrations and Hydrocarbon Accumulations in Escap Region, Vol.1.
- Suwanich, P., 1992. Potash-Rock Salt History, Reserve and Structure Evolution of Maha Sarakham, Economic Geology Report, Economic Geology Division, Department of Mineral resources, 34 p. with 6 Annexes.
- Suwanich, P., 1994. Potash Mine: a Possibility, In: Proceedings of the Conference on Technology and Development in northeast Thailand, Faculty of Geotechnology, Khon Kaen University, p. 253-287. (in Thai).
- Tabakh, M.E., Utha-Aroon, C., Coshell, L., & Warren, K., 1995. Cretaceous Saline Deposits of the Maha Sarakham Formation in the Khorat Basin, Northeastern Thailand, GEO-INDO'95 Workshop, Khon Kaen, p. 1-20.
- Takaya, Y., Hattaori, T. & Wichaidit, P., 1984. Soil salinisation in the Khorat Plateau, Unpubl. Rep., Department of Land Development, Bangkok.
- Thanomsap, S., 1992. Structural Development on the Khorat Plateau and its Western Adjacent Area, In: Proceedings of the Technology Conference on Development Geology for Thailand into the year 2000 Department of Geology, Chulalongkorn Univ, Bangkok, Thailand. p 29-38.
- Tansuwan, V. & Boonkanpai, N., 2002. Geology in the Western Part of Changwat Nakhon Ratchasima, Geology Division, Department of Mineral Resources, 64 p.

References

- Tasker, R., 1990. Salt in the Wound, *Far Eastern Economic Review*, June 7, 1990, p. 28-29.
- Telford, W.M., Gelodart, L.P., Sheriff, R.E. & Keys, D.A., 1990. *Applied Geophysics*, Cambridge University Press, 2nd Ed., Cambridge, 770 p.
- Thiramongkol, N., 1978, Some Suggestions of Potash and Rock Salt Geneses in NE Region, *Min. Resour. Gazette*. Vol. 21, No. 8, p. 25-40 (in Thai).
- Udomchoke, V., 1989. Quaternary Stratigraphy of the Khorat Plateau Area, Northeast Thailand, In: *Proceedings of the Workshop on Correlation of Quaternary Successions in South, East and Southeast Asia*, Bangkok: p69-94.
- Utha-Aroon, C., 1993. Continental Origin of the Maha Sarakham Evaporates, Northeastern Thailand, *Journal Southeast Asian Earth Sciences*, 8(1-4), p. 193-203.
- Wada, H., Wichaidit, P. & Pramongane, P., 1994. Salt Affected Area in Northeast Thailand: Nature, Properties and Management, Agriculture Development Research Centre in Northeastern Thailand, Khon Kaen, Thailand, 67 p.
- Ward, D.E., & Bunnag, D., 1964. Stratigraphy of the Mesozoic Khorat Group in Northeastern Thailand, Department of Mineral Resources, Thailand, Report of Investigation No.6.
- Warren, K., 1989. *Evaporite Sedimentology*, Prentice Hall, New Jersey, p. 285.
- Warren, K., 1999. *Evaporites: Their Evolution and Economics*, Blackwell Science, Oxford, p. 438.
- Wichaidit, P., 1983. Using Soil Salinity Maps, Paper presented at the Training Course on Salt-affected Soil Improvement in Northeast Thailand to the Government Agencies, January 1983 (in Thai).
- Williamson, D.R., Peck, A.J., Turner, J.Y. & Arunin, S., 1989. Groundwater Hydrology and Salinity in a Valley in northeast Thailand, In: *Groundwater Contamination*, IAS Publication no. 185, p.147-154.
- Wongsawat, S., 1985. Status of Hydrological Mapping in Tailand, In: Castany, G., Groba, E., and Romijn, E. (eds.), *Hydrogeological Mapping in Asia and the Pacific Region*, Proceedings of the ESCAP-RMRDC Workshop, Bandung, 1983, (International Contributions to Hydrogeology; Vol. 7) p. 231-246.

References

- Wongsomsak, S., 1986. Salinization in Northeast Thailand, *Southeast Asian Studies*, Vol.24, Nr.2, September 1986, p. 133-153.
- Workman, G., 1975. *Geology of Laos, Cambodia, South Vietnam and the eastern Part of Thailand a Review*, Institute of Geological Sciences, Overseas Division, Report, 19 p.
- Yumuang, S., 1982, *On the Origin of Evaporite Deposits in the Maha Sarakham Formation, in Bamnet Narong Area, Changwat Chaiyapum*, Unpub. M.Sc. Thesis, Dept. Geol., Graduate School, Chulalongkorn University, 277 p.