

REFERENCES

REFERENCES

- AECOM. 2011. *Environmental Monitoring Study for the Ulu Jelai Hydroelectric Dam, Cameron Highlands, Pahang Darul Makmur.*
- agroVet GmbH, 2011. *RSPO Public Audit Report: Felda - Komplek WAHA.* Revised April 2012.
- Ahmad A., A. Maimon, M.S. Othman and A. Mohd Pauzi. 2002. *The Potential of Local Benthic Macroinvertebrates as a Biological Monitoring Tool for River Water Quality Assessment.* Pp 464- 471 In: R. Omar, Z. Ali Rahman, M.T. Latif, T. Lihan, and J.H. Adam (eds.). *Proceedings of the Regional Symposium on Environment and Natural Resources 10-11th April 2002, Hotel Renaissance Kuala Lumpur, Malaysia.*
- Ainon, H., K. Saiful Hazwa and I. Siti Rahil. 2011. *Microbiological Study in Coastal Water of Port Dickson, Malaysia.* *Sains Malaysiana*, 40 (2): 93–99.
- Alexander, 1959. *Pre-Tertiary stratigraphic succession of Malaya.* *Nature, Lond.* 183:230-231pp.
- Ali, A., S.K. Mohd, M. Mashor and H.M.B. Mohd. 1988. *Fish Population Distribution in the Perak River: A Comparative Study.* *Proceedings of the 11th Annual Seminar of the Malaysian Society of Marine Science.* Pp 67-81.
- Alin, S.R., A.S Cohen and R. Bills. 1999. *Effects of Landscape Disturbance on Animal Communities in Lake Tanganyika, East Africa.* *Conservation Biology*, 13: 1017 – 1033.
- Alves, R.G., M.R. Marchese and R.T. Martins. 2008. *Oligochaeta (Annelida, Clitellata) of Lotic Environments at Parque Estadual Intervales (São Paulo, Brazil).* *Biota Neotropica*, 18(1): 21 - 24.
- Amir Shah Ruddin, M.S., H. Zarul Hazrin and M.S. Shahrul Anuar. 2009. *Freshwater Fishes of Gunung Jerai, Kedah Darul Aman: A Preliminary Study.* *Tropical Life Sciences Research*, 20 (2): 59 – 70.
- Ampofo, J.A. and G.C. Clerk. 2010. *Diversity of Bacteria Contaminants in Tissues of Fish Cultured in Organic Waste-Fertilized Ponds: Health Implications.* *The Open Fish Science Journal*, 3: 142 - 146.
- Anil K., T. Seema and P. Ghosh. 2004. *Status of Freshwater in 21st Century: A Review.* In: K. Arvind and G. Tripathi (eds.). *Water Pollution: Assessment and Management.* Daya Publishers, Delhi. 520p.
- Annalakshmi, G. and A. Amsath. 2012. *Studies on the Hydrobiology of River Cauvery and its Tributaries Arasalar from Kumbakonam Region (Tamilnadu, India) With Reference To Zooplankton.* *International Journal of Applied Biology and Pharmaceutical Technology*, 3 (1): 325 – 336pp.
- ANZECC. 2000. *Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.* Australian and New Zealand Environment and Conservation Council.
- Austin, M. P. & P. Greig-Smith, 1968. *The application of quantitative methods to vegetation survey II. Some methodological problems of data from rain forest.* *J. Ecol.* 56 : 827-844.

- Avoaja, D.A., N.M. Inyang and B.O. Mgbenka. 2007. *Macrobenthic Fauna of a Humid Tropical Water Reservoir, Abia State, Nigeria*. Animal Research International, 4(2): 677 – 679.
- Azmi M. A., M.I. Mansor, Z. Mohd. Zaidi and A.G. Mazlan. 2010. *Fishes of Malaysia*. University Malaysia Terengganu. 334p.
- Barnes, R.S.K. 1980. *Coastal Lagoons*. Cambridge University Press, London. 106p.
- Bash, J., C. Berman and S. Bolton. 2001. *Effects of Turbidity and Suspended Solids on Salmonids*. (Report No. WA-RD 526.1). Seattle: Washington State Transportation Centre.
- Beamish, F.W.H., R.B. Beamish and S.L.H. Lim. 2003. *Fish Assemblages and Habitat in a Malaysian Blackwater Peat Swamp*. Environmental Biology of Fishes, 68: 1 – 13pp.
- Beamish, F.W.H., P. Sa-artrit and S. Tongnunui. 2006. *Habitat Characteristics of the Cyprinidae in Small Rivers in Central Thailand*. Environmental Biology of Fishes, 76: 237 – 253.
- Baranyi C., T.Hein, C. Holarek, S. Keckeis and F. Schiemer. 2002. Zooplankton Biomass and Community Structure in a Danube River Floodplain. *Freshwater Biology*, 47: 473-482.
- Battish, S.K. 1992. *Freshwater Zooplankton of India*. Oxford and IBH Publishing Co. Ltd, New Delhi. Pp 1 – 194.
- Bellinger, E.G. and D.C. Sigeo. 2010. *Freshwater Algae: Identification and Use as Bioindicators*. John Wiley and Sons, Ltd. United Kingdom. 271p.
- Bellos, D. and T. Sawidis. 2005. *Chemical Pollution Monitoring of the River Pinios (Thessalia—Greece)*. Journal of Environmental Management, 76: 282–292.
- Beyhan, T. and G. Arif. 2004. *An Ecologic and Taxonomic Study on Phytoplankton of a Shallow Lake, Turkey*. Journal of Environmental Biology, 28 (2): 439 - 445.
- Bidwell, A. and N.V Clarke. 1977. *The Invertebrate in Fauna of Lake Kainji, Nigeria*. The Nigeria Field, 42(3): 104 – 110.
- Boyd, C.E. 1998. *Water Quality for Pond Aquaculture*. Research and Development Series No. 43. International Center for Aquaculture and Aquatic Environments, Alabama Agricultural Experiment Station, Auburn University.
- Brett, M.T. 1989. *Zooplankton Communities and Acidification Processes (A Review)*. Water, Air, and Soil Pollution, 44: 387 - 414.
- Brittain, J.E. and S.J. Saltveit. 1989. *A Review of the Effect of River Regulation on Mayflies (Ephemeroptera)*. Regulated Rivers: Research and Management, 3: 191 – 204.
- Brower, J.E. & Zar, J.H. 1998. *Field and laboratory methods for general ecology, 4th Edition*. McGraw-Hill Companies, Inc.
- Caldreich, E.E. and N.A. Clarke NA. 1966. *Bacterial Pollution Indicators in the Intestinal Tract of Freshwater Fish*. Journal of Applied Microbiology, 41: 429-437.
- Carpenter, S.R. and J.F. Kitchell. 1993. *The Trophic Cascade in Lakes*. Cambridge University Press. Cambridge, U.K. 385p.

- Cobbing, E.J., Pitfield, P.E.J., Darbyshire, D.P.F. and Mallick, D.I.J., 1992. *The granites of the South-East Asian Tin Belt*. Overseas Memoir 10. B.G.S
- Chua, T.E., R. Natarajan and S. Adrian Ross. 1998. *Analysis of the State of the Marine Environment of the Straits of Malacca and Singapore*. Singapore Journal of International and Comparative Law, 2: 323-349.
- Chui, W.B. and W.L. Choon. 2008. *Nearshore and Offshore Comparison of Marine Water Quality Variables Measured During SESMA 1*. Malaysian Journal of Science, 27 (3): 25-31.
- Conde, D., S. Bonilla, L. Aubriot, R. de León and W. Pintos. 2007. *Relative Contribution of Planktonic and Benthic Microalgae Production in an Eutrophic Coastal Lagoon of South America*.
- Coull, B. C. and G.T. Chandler. 1992. *Pollution and Meiofauna: Field, Laboratory and Mesocosms Studies*. Oceanography Marine Biology Annual Review, 30: 191 - 127.
- Cuker, B.E. 1987. *Field Experiment on the Influence of Suspended Clay and P on the Plankton of a Small Lake*. Limnology and Oceanography, 32: 840 - 847.
- David J.C., 1990. *The Primates of Taman Negara*. Journal of Wildlife and Parks, DWNP, Vol. 10:153-163pp.
- Davies, O.A., J.F.N. Abowei and C.C. Tawari. 2009. *Phytoplankton Community of Elechi Creek, Niger Delta, Nigeria-A Nutrient-Polluted Tropical Creek*. American Journal of Applied Sciences, 6 (6): 1143 -1152.
- Davis, J.C. 1975. *Minimal Dissolved Oxygen Requirements of Aquatic Life with Emphasis on Canadians: A Review*. Journal of the Fisheries Research Board of Canada, 32: 2295 - 2332.
- Department of Irrigation and Drainage (DID). 2003. National Register of River Basin.
- Department of Irrigation and Drainage (DID). 2010. Guidelines for Erosion and Sediment Control in Malaysia. Ministry of Natural Resources and Environment.
- Department of Water Affairs and Forestry (DWAF). 1996. *South African Water Quality Guidelines, Agricultural Water Use: Aquaculture*. Department of Water Affairs and Forestry, Volume 6.
- Dey, S.C. 2010. *Xenentodon cancila*. In: IUCN 2012. IUCN Red List of Threatened Species. Version 2012.2. <www.iucnredlist.org>.
- Dodson, S. 1992. *Predicting Crustacean Zooplankton Species Richness*. Limnology and Oceanography, 37: 848-856.
- Donohue, I., E. Verheyen and K. Irvine. 2003. *In Situ Experiments on the Effects of Increased Sediments Loads on Littoral Rocky Shore Communities in Lake Tanganyika, East Africa*. Freshwater Biology, 48: 1603 - 1616.
- Department of Wildlife and National Parks (DWNP), 2007. *Taman Negara Pahang, Warisan Khazanah Alam*. Department of Wildlife, Cheras.
- Department of Wildlife and National Parks (DWNP) *Elephant in Peninsular Malaysia (ver 09.05)*. Elephant Information Sheet, <http://www.wildlife.gov.my>.
- Department of Wildlife and National Parks (DWNP). *Gaur in Malaysia*. Gaur Information Sheet, <http://www.wildlife.gov.my>.

- Department of Wildlife and National Parks (DWNP). *Sumatran Rhinoceros in Peninsular Malaysia*. Sumatran Rhinoceros Information Sheet, <http://www.wildlife.gov.my>.
- Department of Wildlife and National Parks (DWNP), *Tapir in Peninsular Malaysia*. Tapir Information Sheet, <http://www.wildlife.gov.my>.
- Department of Wildlife and National Parks (DWNP), *Tiger in Malaysia*. Tiger Information Sheet, <http://www.wildlife.gov.my>.
- Edward O.M., and Khan, M.M.K., 1990. *Turtles of Taman Negara*. Journal of Wildlife and Parks, DWNP, Vol. 10:135-138pp.
- Eddy, F.B. 1995. *Ammonia in Estuaries and Effects on Fish*. *Environmental and Applied Biology*, University of Dundee, Dundee, UK. Journal of Fish Biology, 67 (6): 1495 – 1513.
- Eddy, F.B. 2005. *Ammonia in Estuaries and Effects on Fish*. Journal of Fish Biology, 67 (6): 1495 - 1513.
- El-Enany, H.R. 2009. *Ecological Studies on Planktonic and Epiphytic Microinvertebrates in Lake Nasser, Egypt*. PhD Thesis. Zoology Department, Faculty Science, Benha University.
- Elliott, J.M. 1982. *The Effects of Temperature and Ration Size on the Growth and Energetics of Salmonids in Captivity*. *Comp. Biochemical Physiology*, 73: 81-91.
- Fapohunda, A.O., K.W. MacMillan, D.L. Marshall and W.M. Waites. 1994. *Growth of Selected Cross-Contaminating Bacterial Pathogens on Beef and Fish at 15 and 350C*. *Journal of Food Protection*, 57: 337 - 340.
- Francis C.M., 2008. *Mammals of South-East Asia*. New Holland Publishers, U.K.
- Froese, R. and A. Torres. 1999. *Fishes Under Threat: An Analysis of the Fishes in the 1996 IUCN Red List*. Pp 131-144 In: R.S.V. Pullin, D.M. Bartley and J. Kooiman (eds.). *Towards Policies for Conservation and Sustainable Use of Aquatic Genetic Resources*. ICLARM Conference Proceeding 59.
- Gjessing, E., E. Lygren, I. Berling, T. Gulbrandsen and R. Skanne. 1984. *Effect of Highway Runoff on Lake Water Quality*. *Science of the Total Environment*, 33: 247 - 257.
- Hastings, M.C. 2002. *Clarification of the Meaning of Sound Pressure Levels and the Known Effects of Sound on Fish*. *Document in Support of Biological Assessment for San Francisco-Oakland Bay Bridge East Span Seismic Safety Project*. 8p.
- Herrington, P.R., G.F.A. Ball and K. O'Halloran. 2006. *Aquatic Ecotoxicity of Cutback Bitumen*. Land Transport New Zealand Research Report 285. 52p.
- Horwitz, R.J. 1978. *Temporal Variability Patterns and Distributional Patterns of Stream Fishes*. *Ecology Monograph*, 48: 307 – 321.
- Husch, B. M., C. I. Miller & T. W. Beer. 2003. *Forest Mensuration*. Third Ed. , New York: Ronald Press Co.
- Hussain, M.G. and M.A. Mazid. 1997. *Carp Genetic Resources in Bangladesh*. In: M.V. Gupta, M.M. Dey, R. Dunham and G. Bimbao (eds.). *Proceedings of the Collaborative Research and Training on Genetic Improvement of Carp Species in Asia*. Central Institute of Freshwater Aquaculture, Bhubaneswar, India. 26-29 July 1997.

- Huynh, M. and N. Serediak. 2006. *Algae Identification Field Guide*. Agriculture and Agri-Food Canada. 40p.
- Hutchison, C.S & Tan, N.K., 2009. *Geology of Peninsular Malaysia*. University of Malaya & Geological Society of Malaysia Publication.
- Inger, R.F. and P.K. Chin. 2002. *The Fresh Water Fishes of North Borneo*. Natural History Publications (Borneo), Kota Kinabalu, Sabah, Malaysia. 350p.
- IUCN 2012. *IUCN Red List of Threatened Species. Version 2012.2*. <www.iucnredlist.org>. Downloaded on 09 May 2013.
- Jack, J.P., A. Amal Tahir and S.K. Naima. 2009. *Assessment of Dissolved Oxygen in Coastal Waters of Benghazi, Libya*. Journal of Black Sea/Mediterranean Environment, 15: 135-156.
- Jasmi A., 1990. *The Monitor Lizard of Sungai Tembeling, Taman Negara*, Journal of Wildlife and Parks, DWNP, Vol. 10:109-115pp.
- JICA, 1993. *Air Quality Management Study for Kelang Valley Region, Final Report, Vol. 2, Main Report*. Japan International Cupertino Agency, August 1993.
- Jabatan Perancangan Bandar dan Desa (JPBD). 2010a. Central Forest Spine: Master Plan of Ecological Linkages.
- Jabatan Perancangan Bandar dan Desa (JPBD). 2010b. National Physical Plan-2.
- Juan Juarez, F.Y. and I.A. Ana Laura. 2003. *Abundance and First Record of Benthic Macroinvertebrates in Lake Metztlán, Hidalgo, Mexico*. Hydrobiologica, 13(2): 137 – 144.
- Jurutera Perunding Zaaba July 2002. *Kajian Kemungkinan Cadangan Jalan Jerantut - Sg. Lembing, Pahang Darul Makmur*. Bahagian Perancang Jalan, Kementerian Kerja Raya Malaysia, Kerajaan Malaysia.
- Kamsia, B., J. Zainodin, G. Darmesah, A. Noraini and A. Amran. 2008. *Effect of Water Parameters on Ephemeroptera Abundance in Telipok River, Sabah, Malaysia*. WSEAS Transactions on Environment and Development, 5(4): 447 – 451.
- Kato, R., Tadayaki, Y. & Ogawa, H. 1978. *Plant biomass and growth increment studies in Pasoh Forest*. Malayan Nature Journal 30(2): 211-224.
- Karna, D.W. 2003. *A Review of Some of the Effects of Reduced Dissolved Oxygen on the Fish and Invertebrate Resources of Ward Cove, Alaska*. Prepared for Watershed Restoration Unit, U.S. Environmental Protection Agency.
- Keller, W. and N.D. Yan. 1991. *Recovery of Crustacean Zooplankton Species Richness in Sudbury Area Lakes Following Water Quality Improvements*. Canadian Journal of Fisheries and Aquatic Sciences, 48: 1635 - 1644.
- Kemmer, F.N. 1987. *The NALCO Water Handbook. 2nd Edition*. McGraw -Hill. New York.
- Kemper, C. & Bell, D.T. (1985). *Small mammals and habitat structure in lowland rain forest of Peninsular Malaysia*. Journal of Tropical Ecology, 1: 5-22.
- Kennedy, P. 2003. *The effects of road transport on freshwater and marine ecosystems*. Prepared by Kingett Mitchell Limited for New Zealand Ministry of Transport.
- Khadijah O., 1990. *The Notes of Wild Pigs of Taman Negara*. Journal of Wildlife and Parks, DWNP, Vol. 10:164-165pp.

- Khan M.M.K., 1990. *Large Animals of Taman Negara*. Journal of Wildlife and Parks, DWNP, Vol. 10:166-171pp.
- Khan, M.M.K., 1991. *The Malayan Elephant a Species Plan for its Conservation*. DWNP, Peninsular Malaysia, Kuala Lumpur.
- Khare, P.K. 1999. *Phytoplankton as Indicator of Water Quality and Pollution Status of Jagat Sagar Pond, Chhatarpur (M.P.) India*. Geobios New Reports, 18: 107 – 110.
- Khare, P.K. 2006. *Diversity of Algae in Relation to Water Pollution of Satri Tank Chhatarpur (M.P.) India*. Journal of Ecoprint, 13: 69 – 72.
- Khare, P.K. and M. Saxena. 2013. *Algal Study in Relation to Tolerating Organic Pollution of Satri Tank, Chhatarpur (M.P.) India*. Proceedings of International Conference, 16 - 17 February 2013. 115p.
- Kikuchi, T. 1991. *Macrobenthic Succession in the Organically Polluted Water and Ecological Characteristics of some Pollution Indicator Species*. Pp 45 - 61 In: J. Mauchline and T. Nemato (eds.). *Marine Biology; Its Accomplishment and Future prospect*.
- Kinne, O. 1963. *The Effects of Temperature and Salinity on Marine and Brackish Water Animals: 1. Temperature*. Oceanography and Marine Biology: An Annual Review 1: 301-340.
- Koopmans, 1968. *The Tembeling Formation – a lithostratigraphic description (West Malaysia)*. Bull. Geol Soc. Malaysia 1: 23-43pp.
- Kottelat, M. 1998. *Fishes of the Nam Theun and Xe Bangfai Basins, Laos, with Diagnoses of Twenty-two New Species (Teleostei: Cyprinidae, Balitoridae, Cobitidae, Coiidae and Odontobutidae)*. Ichthyological Exploration of Freshwaters, 9 (1): 1-128
- Kottelat, M., 2001. *Fishes of Laos*. WHT Publications Ltd., Colombo 5, Sri Lanka. 198p.
- Kottelat, M. and E. Widjanarti. 2005. *The Fishes of Danau Sentarum National Park and the Kapuas Lakes Area, Kalimantan Barat, Indonesia*. The Raffles Bulletin of Zoology Supplement, 13: 139 - 173.
- Kottelat, M., A.J. Whitten, S.N. Kartikasari and S. Wirjoatmodjo. 1993. *Freshwater Fishes of Western Indonesia and Sulawesi*. Periplus Editions, Hong Kong. 221p.
- Krishnamurthy, K., R. Santhanam and V. Sundararaj. 1979. *The Trophic Tier*. Bulletin of Marine Sciences, 1: 209-217.
- Lamouroux, N., J-M. Olivier, H. Persat, M. Pouilly, Y. Souchon and B. Statzner. 1999. *Predicting Community Habitat Conditions: Fluvial Fish and Hydraulics*. Freshwater Biology, 42: 275 – 299pp.
- Lee, K.Y. 2003. *Fish Community of the North Selangor Peat Swamp Forest*. Master Science Thesis. Universiti Malaya, Kuala Lumpur. 122p.
- Lee, W.J., Y.F. Wang, T.C. Lin, Y.Y. Chen, W.C. Lin, C.C. Ku and J.T. Cheng. 1995. *PAH Characteristics in the Ambient Air of Traffic-source*. Science of the Total Environment, 159: 185–200.
- Liew, T. C., 1983. *Petrogenesis of Peninsular Malaysia granitoid batholiths.*, Ph.D. Thesis (unpubl.), Australia National University, Canberra

- Lim B. L., and Saharudin A., 1990. *Small Mammals of Taman Negara*. Journal of Wildlife and Parks, DWNP, Vol. 10:148-151pp.
- Lim B.L., Ratnam L., and Saharudin A., 1990. *A Study of the Collection of Snakes from Taman Negara, Malaysia*. Journal of Wildlife and Parks, DWNP, Vol. 10:127-128pp.
- Lim, K.K.P and H.H. Tan. 2002. *Freshwater Fish Diversity in Peninsula Malaysia: A Review of Recent Findings*. Pp 461 – 481 In: A. Ali, C.S.M. Rawi, M. Mansor, R. Nakamura, S. Ramakrishnan and T. Mundkur (eds.). Proceedings of the Asian Wetland Symposium, 2001. The Asian Wetlands: Bringing Partnerships into Good Wetland Practices, 27–30 August 2001, Pulau Pinang, Malaysia.
- Lind, O.T. 1979. *Handbook of Common Methods in Limnology (2nd Edition)*. The C.V. Mosby Company, St. Louis. 199p.
- Liong, P.C. 1984. *Water Quality Standards for Aquaculture in Malaysia*. Risalah Perikanan Bilangan 20, Jabatan Perikanan Malaysia, Kuala Lumpur.
- Lloyd, R. 1992. *Pollution and Freshwater Fish*. West Byfleet: Fishing News Books.
- Lowe-McConnell, R.H. 1975. *Fish Communities in Tropical Freshwaters*. Longman, London. 337p.
- Lowe-McConnell, R.H. 1987. *Ecological Studies in Tropical Fish Communities*. Cambridge University Press, Cambridge.
- Magurran, A. E. 1988. *Ecology diversity and its measurement*. New York: Chapman & Hall.
- Manokaran, N., J. V. La Frankie, K. M. Kochummen, E. S. Quah, J. E. Klahn, P. S. Ashton. & H. P. Hubbell. 1990. Methodology of the fifty-hectares research plot at Pasoh Forest Reserve, *Research Pamphlet 104*. Forest Research Institute, Kepong.
- Margalef, R. 1986. *Ecologia*. Omega, Barcelona, 761p.
- Markowski, S. 1960. *Observation on the Response of Some Benthonic Organisms to Power Station Cooling Water*. Journal of Animal Ecology, 3: 63 – 103.
- Marks, S.D. and G.P. Rutt. 1997. *Fluvial Sediment Inputs to Upland Gravel Bed Rivers Draining Forested Catchments: Potential Ecological Impacts*. Hydrology Earth System Science, 1: 499 – 508.
- Medway, L., 1978. *The Wild Mammals of Malaya (Peninsular Malaysia) and Singapore, Second Edition*. Oxford University Press, Kuala Lumpur, Malaysia.
- McCauley, E. and J. Kalff. 1981. *Empirical Relationships Between Phytoplankton and Zooplankton Biomass in Lakes*. Canadian Journal of Fisheries and Aquatic Sciences, 38: 458 - 463.
- Menon, A.G.K., 1999. *Check List - fresh Water Fishes of India*. Zoological Survey of India. The Miscellaneous Publications, Occasional Paper No. 175. 366p.
- Malaysian Environmental Resources Centre Sdn. Bhd. (MERC). 2010a. *Study on Pollution Prevention and Water Quality Improvement Sg. Kuantan Basin, Pahang*. Prepared Report to the Department of Irrigation and Drainage, Malaysia.

- Malaysian Environmental Resources Centre Sdn. Bhd. (MERC). 2010b. *Study on Pollution Prevention and Water Quality Improvement Sg. Terengganu Basin, Terengganu*. Prepared Report to the Department of Irrigation and Drainage, Malaysia.
- Merel J.C., Peter P.V.D., Nabhitabhata J., and Thirakhupt K., 1998. *Photographic Guide to Snakes and Other Reptiles of Peninsular Malaysia, Singapore & Thailand*. New Holland Publishers, U.K.
- Metcalf and Eddy, Inc. 2003. *Wastewater Engineering: Treatment, Disposal and Reuse. 3rd Edition*. McGraw Hill Publishing Co. Ltd. New York.
- Metcalf, I., Idris, M and Tan, J.T., 1980. *Stratigraphy and paleontology of the Carboniferous sediments in the Panching area, Pahang, West Malaysia*. Geol. Soc. Malaysia Bull. 13:1-26pp.
- Mi, H.M., W.J. Lee, C.B. Chen, H.H. Yang and S.J. Wu. 2000. *Effect of Fuel Aromatic Content on PAH Emission from a Heavy Duty Diesel Engine*. Chemosphere, 41: 1783-1790.
- Mills, D. and G. Vevers, 1989. *The Tetra Encyclopedia of Freshwater Tropical Aquarium Fishes*. Tetra Press, New Jersey. 208p.
- Mishra, S. and R.C. Panigraphy. 1999. *Zooplankton Ecology of the Bahuda Estuary (Orissa), East Coast of India*. Indian Journal of Marine Sciences, 28 (3): 297 - 301.
- Malaysian Nature Society (MNS), 2008. *Reports Section of the Bird i-witness, 2004-2007*. RSPB/ Birdlife, U.K., <http://www.worldbirds.org/malaysia>.
- Malaysian Nature Society (MNS) - Bird Conservation Council, 2005. *A Checklist of the Birds of Malaysia Conservation Publication No. 2*, Malaysian Nature Society, Kuala Lumpur, Malaysia.
- Mohsin, A.K.M. and M.A. Ambak. 1991. *Ikan Air Tawar di Semenanjung Malaysia*. Dewan Bahasa dan Pustaka, Kuala Lumpur.
- Mohsin, A.K.M. and M.A. Azmi. 1983. *Freshwater Fishes of Peninsular Malaysia*. Universiti Pertanian Malaysia, Serdang, Selangor. 284p.
- Mola, H.R.A. 2011. *Seasonal and Spatial Distribution of Brachionus (Pallas, 1966; Eurotatoria: Monogonanta: Brachionidae), A Bioindicator of Eutrophication in Lake El-Manzalah, Egypt*. Biology and Medicine, 3 (2): 60 – 69.
- Moncrieff, I. and P. Kennedy. 2002. *Road Transport Impacts on Aquatic Ecosystems: Issues and Context for Policy Development*. Ministry of Transport, New Zealand. 88p.
- Newman, J.T, B.J. Consenza and J.D. Buck. 1972. *Aerobic Microflora of the Bluefish (Pomatomus saltatrix) Intestine*. Journal of Fisheries Research Board of Canada, 29: 333 - 336.
- Newrkla, P. and A. Gunatilaka. 1982. *Benthic Community Metabolism of Three Austrian Pre-alpine Lakes of Different Trophic Conditions and Its Oxygen Dependency*. Hydrobiologia, 91- 92: 531-536pp.
- Ng, P.K.L., J.B. Tay, K.K.P. Lim and C.M. Yang. 1992. *The Conservation of the Fish and Other Aquatic Fauna of the North Selangor Peat Swamp and Adjacent Areas*. AWB Publication No. 81.

- Niiyama, K., T. Kajimoto, Y. Matsuura, T. Yamashita, K. Abd. Rahman, A. Ripin, A. & M.N. Supardi. (2010). *Estimation of root biomass based on excavation of individual root system in a primary dipterocarp forest in Pasoh Forest Reserve, Peninsular Malaysia*. Journal of Tropical Ecology 26: 271-284
- NOAA Fisheries. 2011. *Impacts to Essential Fish Habitat from Non-fishing Activities in Alaska*. National Marine Fisheries Service. Alaska Region, Northwest Region and Southwest Region.
- Noss, R. 2002. *The Ecological Effects of Road*.
- Nyanti, L., R. Nut Asikin, T.Y. Ling and G. Jongkar. 2012. *Fish Diversity and Water Quality during Flood Mitigation Works at Semariang Mangrove Area, Kuching, Sarawak, Malaysia*. Sains Malaysiana ,41 (12): 1517 – 1525.
- Ogbeibu, A.E. and L.O. Edutie. 2002. *Effects of Brewery Effluents on Water Quality and Rotifers of Ikpoba River, Southern Nigeria*. African Journal of Environmental Pollution and Health, 1 (1): 1 - 12.
- Ogbondeminu, F.S. 1993. *The Occurrence and Distribution of Enteric Bacteria in Fish and Water of Tropical Aquaculture Ponds in Nigeria*. Journal of Aquaculture in the Tropics, 8: 61-6.
- Olayemi, A.B, O. Adedayo and A.O. Ojo. 1991. *Microbial Flora of Six Freshwater Fish Species from Asa River, Ilorin, Nigeria*. Revista de Biologia Tropical, 39: 165 – 167.
- Olomukoro, J.O. and L.I.N. Ezemonye. 2007. *Assessment of the Macro-Invertebrate Fauna of Rivers in Southern Nigeria*. African Zoology, 42(1): 1 - 11.
- Olomukoro, J.O. and R. Victor. 2001. *The Distributional Relationship between the Macrobenthic Invertebrates Fauna and Particulate Organic Matter in a Small Tropical Stream*. Journal of Environment, Science and Health, 1(2): 10 - 17.
- Othman, M.R., A. Samat and S.L. Hoo. 2002. *The Effect of Bedsediment Quality on Distribution of Macrobenthos in Labu River System and Selected Stations in Langat River, Malaysia*. International Journal of Biological Sciences, 2 (1): 32 - 34.
- Pace, M.L. 1986. *An Empirical Analysis of Zooplankton Community Size Structure Across Lake Tropic Gradients*. Limnology and Oceanography, 31: 45-55.
- Palmer, C.M. 1969. *A Composite Rating of Algae Tolerating Organic Pollution*. Journal of Phycology, 5: 78 – 82.
- Parker, R.H. 1975. *The Study of Benthic Communities*. Elsevier Scientific Publication Company. Amsterdam-Oxford, New York. 279p.
- Parsons, T.R., M. Takahashi and B. Hargrave. 1977. *Biological Oceanographic Process*. Pergamon Press Ltd., Oxford, England. 332p.
- Pearson, T.H. 1970. *The Benthic Ecology of Loch Linnhe and Loch Eil, A Sea-Loch System on the West Coast of Scotland*. 1. The Physical Environment and Distribution of the Macrobenthic Fauna. Journal of Experimental Marine Biology and Ecology, 5: 1-34pp.
- Perunding Zaaba (Jurutera Perunding Zaaba Sdn. Bhd.). 2002. *Cadangan Jalan Jerantut – Sg. Lembing, Pahang Darul Makmur: Final Report: Main Volume, July 2002*. Kementerian Kerja Raya Malaysia.

- Pethiyagoda, R., 1991. *Freshwater fishes of Sri Lanka*. The Wildlife Heritage Trust of Sri Lanka, Colombo. 362p.
- Pons, L.J., C. Prentice and S. Aikanathan. 1988. *A Preliminary Assessment of Two Peat Swamps in Selangor State, Peninsular Malaysia, in Relation to their Optimal Use*. Kuala Lumpur: Asian Wetland Bureau.
- Porter, K.G., N.L. Pace and J.F. Battey. 1979. *Ciliate Protozoans as Links in Freshwater Planktonic Food Chains*. *Nature*, 277: 563 – 565pp.
- Raffaelli, D.G. 1981. *Pollution Monitoring with Meiofauna, Using the Ratio of Nematodes to Copepods*. *Marine Pollution Bulletin*, 12: 158 - 163.
- Rahman, W.A. and S. Hamidah. 2012. *Relationship between Size of Fish and Parasitic Intensity in Four Freshwater Fish Species from Tasik Merah, Perak, Peninsular Malaysia*. *Pertanika Journal of Tropical Agricultural Science*, 35 (4): 805 – 814pp.
- Rainboth, W.J. 1996. *Fishes of Cambodian Mekong*. FAO Species Identification Fields Guide for Fishery Purposes. FAO Rome, 265p.
- Redding, T.A and A.B. Midlen. 1991. *Fish Production in Irrigation Canals - A review*. FAO Fisheries Technical Paper. 317: 111pp.
- Reddy, P.V.G.K. 1999. *Genetic Resources of Indian Major Carps*. FAO Fisheries Technical Paper. No. 387. Rome, FAO. 76p.
- Rocha, O., T. Matsumura-Tundisi, E.L.G. Espindola. K.F. Roche and A.C. Rietzler. 1999. *Ecological Theory Applied to Reservoir Zooplankton*. Pp 29-51 In: J.G Tundisi and M. Straskraba (eds.). *Theoretical Reservoir Ecology and its Applications*. International Institute of Ecology, Brazilian Academy of Sciences. Backhuys Publishers, Leiden, Holland.
- Round, F.E., R.M. Crawford and D.G. Mann. 1990. *The Diatoms. Biology and Morphology of the Genera*. Cambridge University Press, Cambridge. 747p.
- Salam, A. and N. Gopinath. 2006. *Riverine Fish and Fisheries in Malaysia: An Ignored Resource*. *Aquatic Ecosystem Health and Management*, 9 (2): 159 – 164pp.
- Salle, A.J. 1964. *Fundamental Principles of Bacteriology, 5th Edition*. New York McGraw-HillBook Co.
- Salman H.S. and Idlan R., 2006. *Manual Pengurusan Konflik Manusia-Harimau di Semenanjung Malaysia*, DWNP, <http://www.wildlife.gov.my>.
- Salman H.S., and Nasharuddin O., 2006, *Pelan Pengurusan Gajah Semenanjung Malaysia*. DWNP, <http://www.wildlife.gov.my>.
- Samat, A., M.N. Shukor, A.B. Siti Farahayu and A.G. Mazlan. 2005. *A Snapshot Study on Community Structure of Fishes Inhabiting a Small Forest Stream of Sungai Rengit in Krau Wildlife Reserve, Pahang, Malaysia*. *Journal Wildlife and Parks*, 22: 97 – 109pp.
- Sarkar, S.K. and A.B. Chayudhari. 1999. *Limnological Research in India. 1st Edition*. Daya Publishers, Delhi.
- Sawyer, C.N., P.L. Mc Carty and G.F. Parkin. 1994. *Chemistry for Environmental Engineering. 4th Edition*. Mc Graw - Hill, Inc. United States of America.

- Sean, M. 2005. *Aquatic Macroinvertebrates as an Indicator of Water Quality After an Incident of Organic Pollution in the Bourne Stream*. Dorset. 22p.
- Setaita, H.S. and M.H. Montaser. 2010. *Impact of Pollution on Invertebrates Biodiversity in the River Nile Associated With Dahab and El-Warrak Islands, Egypt*. International Journal of Environmental Science and Engineering, 1: 15 – 25.
- Shannon, C.E. and W. Weaver. 1963. *The Mathematical Theory of Communication*. University of Illinois Press, Urbana.
- Siti H.Y., Zainuddin B., and Mat I.M., 1986. *Survey of Mammal and Bird Species at Eight Game/ Forest Reserves*. Journal of Wildlife and Parks, DWNP, Vol. V:24-48pp.
- Smith, P.J. 1999. *Genetic Resources and Fisheries: Policy Aspects*. Pp 43-46 In: R.S.V. Pullin, D.M. Bartley and J. Kooiman (eds.). *Towards Policies for Conservation and Sustainable Use of Aquatic Genetic Resources*. ICLARM Conference Proceeding 59.
- Sreenivasan, A. 1964. *The Limnology, Primary Production, and Fish Production on a Tropical Pond*. Limnology and Oceanography, 9 (4): 391-396.
- Sreenivasan, A. 1968. *The Limnology and Fish production in Two Ponds in Chinglepat (Madras)*. Hydrobiologia, 32: 131-144.
- Steffens, W. and M. Wirth. 1997. *Cyprinids as a Valuable Source of Essential Fatty Acids for Human Health: A Review*. Asian Fisheries Science, 10: 83 – 90pp.
- Steinman, A.D., J. Conklin, P.J. Bohlen and D.G. Uzarski. 2003. *Influence of Cattle Grazing and Pasture Land Use on Macroinvertebrate Communities in Freshwater Wetlands*. Wetlands, 23 (23): 877 – 889.
- Stewart, K.W. and B.P. Stark. 1993. *Nymphs of North American Stonefly Genera (Plecoptera)*. University of North Texas Press, Texas, United States of America.
- Stuebing B.R., and Inger R.F., 1999. *A Field Guide to the Snakes of Borneo*. Natural History Publication (Borneo), Kota Kinabalu.
- Sultana, G.D.M. 2011. *Identification of Zooplankton Species Collected from Different Ponds of Arakkonam Town, Vellore District, Tamil Nadu*. Journal of Biosciences Research, 2 (2): 72 – 75pp.
- Suontama, J. 2004. *Lack of Suitable Raw Materials for Fish Feed – Could We Use Plankton?* Marine Research News No. 5.
- Taki, Y., 1978. *An analytical study of the fish fauna of the Mekong basin as a biological production system in nature*. Research Institute of Evolutionary Biology Special Publications no. 1,77 p. Tokyo, Japan.
- Theurer, F.D., T.R. Larrod, and M. Thcurer. 1998. *Sedimentation and Salmonids in England and Wales*. R & D Technical Report. Environment Agency R&D Dissemination Centre, Swindon, United Kingdom. 194p.
- Townsend, C.R., J.L. Harper and M. Begon. 2000. *Essentials of Ecology*. Blackwell Science Publishers, London. 530p.
- Train, R.E. 1979. *Quality Criteria for Water*. Castle House. London.
- Turrner, I.M. 1995. *A Catalogue of the Vascular Plants of Malaya*. The Gardens' Bulletin Singapore 47: 1–757.

- US EPA, 1992. *Screening Procedures for Estimating the Air Quality Impact of Stationary Sources, Revised, EPA-454/R-92-019*. U.S. Environmental Protection Agency, Office of Air and Radiation. Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina 27711, USA.
- US EPA, 1995. *User' Guide For the Industrial Source Complex (ISC3) Dispersion Models*. U.S. Environmental Protection Agency, Office of Air and Radiation. Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina 27711, USA.
- US EPA, Jan. 1995. *A.P.-42, Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources, Fifth Edition*. Office of Air Quality, Planning and Standards, Research Triangle Park, N.C. 27711.
- US EPA, August 1996. *Guideline on Air Quality Models, Appendix W to Part 51*. Office of Air Quality Planning and Standards (MD-14) U.S. Environmental Protection Agency Research Triangle Park, NC 27711, USA.
- US EPA, February 2000. *Meteorological Monitoring Guidance for Regulatory Modelling Applications*. Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina 27711, USA. EPA-454/R-99-005.
- van Duijn, J.C. 1973. *Diseases of Fishes. 3rd Edition*. Butterworth Co. Ltd. London.
- Ward-Campbell, B.M.S., F.W.H. Beamish and C. Kongchaiya. 2005. *Morphological Characteristics in Relation to Diet in Five Co-Existing Thai Fish Species*. Journal of Fish Biology, 67: 1266 – 1279.
- Watson, D.J. and E.K. Balon. 1985. *Determination of Age and Growth in Stream Fishes of Northern Borneo*. Environ. Biol. Fish. 13 (1)59-70.
- Wetzel, R.G. 1983. *Limnology. Second Edition*. Sounders College Publishing. 860p.
- Wetzel, R.G. 2001. *Limnology, 3rd Edition*. Academic Press, New York.
- William, F., H. Beamish, S. Phannee and T. Sumpun. 2006. *Habitat Characteristics of the Cyprinidae in Small Rivers in Central Thailand*. Environmental Biology of Fishes, 76: 237 – 253.
- Whitmore, T.C. 1984. *Tropical Rain Forest of the Far East*. Oxford University Press.
- Wright, J.P. and A. A. Flecker. 2004. *Deforesting the Riverscape: The Effects of Wood on Fish Diversity in a Venezuelan Piedmont Stream*. Biological Conservation, 120:443–451pp.
- Wildlife Conservation Act 2010 (Act 76)*. MD Publishers Printers Sdn. Bhd., Kuala Lumpur.
- William, F., H. Beamish, S. Phannee and T. Sumpun. 2006. *Habitat Characteristics of the Cyprinidae in Small Rivers in Central Thailand*. Environmental Biology of Fishes, 76: 237 – 253pp.
- Yan, N.D., W. Keller, K.M. Somers, T.W. Pawson and R.E. Girard. 1996. *Recovery of Crustacean Zooplankton Communities from Acid and Metal Contamination: Comparing Manipulated and Reference Lakes*. Canadian Journal of Fisheries and Aquatic Sciences, 53: 1301 - 1327.

- Yang, H.H., W.J. Lee, H.H. Mi, C.H. Wong and H.H. Chen. 1998. *PAH Emissions Influenced by Mn-based Additive and Turbo-charging from a Heavy-duty Diesel Engine*. Environment International, 24 (4): 389-403.
- Yeap, C.H., 1966. *Geology of the Sungai Lembing area, Pahang, West Malaysia*. B. Sc. Thesis (*Unpubl.*), University of Malaya, Kuala Lumpur.
- Yelverton, J.T., Richmond, D.R., Hicks, W., Saunders, K., Fletcher R. 1975. *The Relationship Between Fish Size and Their Response The Underwater Blast*. Lovelace Foundation for Medical Education and Research Albuquerque, NM.
- Yovita, J.M. 2007. *The Effects of Dissolved Oxygen on Fish Growth in Aquaculture*. Kingolwira National Fish Farming Centre, Fisheries Division, Ministry of Natural Resources and Tourism, Tanzania.
- Zaide, M., 2013. Pers. Comm.
- Zakaria-Ismail, M. 1996. *Freshwater Fish Biodiversity*. Paper Presented at the CAP-SAM National Conference, States of Environment, Penang, Malaysia, 5 – 9 January 1996.
- Zakaria, R., M. Mansor and A. Ali. 1999. *Swamp-riverine Tropical Fish Population: A Comparative Study of Two Spatially Isolated Freshwater Ecosystem in Peninsular Malaysia*. Wetlands Ecology Management, 6:261–268pp.
- Zakaria-Ismail, M. 1994. *Zoogeography and Biodiversity of the Freshwater Fishes of Southeast Asia*. Hydrobiologia, 285: 41 – 48pp.
- Zencir, O., O. Fakioglu, N. Demir and A.S. Korkmaz. 2011. *Seasonal Variation of Phytoplankton Composition in a Medium-Size River: The Kirmir and its Tributaries Ankara, Turkey*. Journal of Animal and Veterinary Advances, 10 (6): 728 - 732.
- Zulkafli, A.R., P.C. Chew and J. Ibrahim. 2010. *Conservation of Freshwater Fishes and Enhancement Programmes in Peninsular Malaysia*. 2nd National Conference on Agrobiodiversity Conservation and Sustainable Utilization (NAC2) - Agrobiodiversity for Sustainable Economic Development, 11-13 May 2010, Tawau, Sabah. Pp 48-50.
- Zweig, R.D., J.D. Morton and M.M. Stewart. 1999. *Source Water Quality for Aquaculture: A Guide for Assessment*. The World Bank.