- 1. AGARWAL, M.C, R.P. Agarwal and R.S. Choudhury (1974), "Infiltration Characteristics of Soils as Related to Soil Physical Properties". Journal Indian Society of Soil Science, Vol. 22(4), pp. 285-289.
- 2. <u>Annual Report (1979), UPM-Belgium Joint Research on Soil Project</u>, Vol.1, Universiti Pertanian Malaysia.
- 3. BAHARUDDIN KASRAN (1987), "Alat Hujan Buatan (Rainfall Simulator) Untuk Menentukan Kadar Penyusupan di Kawasan Berbukit". Unpublished Report, Forest Research Institute of Malaysia, FRIM.
- 4. (1992), <u>Effect of Logging Operation on Soil Physical Properties and Soil Erosion in a Hill Dipterocarp Forest of Peninsular Malaysia</u>. Unpublished M.Sc. Thesis, Universiti Pertanian Malaysia, Serdang Selangor, pp.89.
- 5. BENNET, H.H.(1939), <u>Soil Conservation</u>. McGraw-Hill Book Co. Inc. N.York, pp. 993.
- 6. BERTRAND, A.R. (1965), "Rate of Water Intake in the Field", [In : Methods of Soil Analysis. Agronomy, No.9, Part 1, pp. 197-208], Academic Press Inc. N.York.
- 7. BIOT, Y (1990)," The Use of Tree Mounds as Benchmarks of Previous Land Surfaces in a Semi-arid Tree Savanna, Botswana", [In : Vegetation and Erosion Prosesses and Environment, Ed. Thornes J.B., pp.437-450], John Wiley and Sons, New York, pp.518.
- 8. BLAKE, G.R. (1965), "Bulk Density", [In: Methods of Soil Analysis. Agronomy, No.9, Part 1, pp. 374-390], Academic Press, Inc. New York.
- 9. BRADY, N.C. (1978), <u>The Nature and Properties of Soils</u>. Mc Millan Publishing Co., New York, pp. 639.
- 10. BRANDT, J.C. (1990), "Simulation of the Size Distributionand Erisivity of Raindrops and Throughfall Drops", Earth Surface Processes and Landform, Vol.15, pp.687-698.
- 11. BRENCHTEL, H.M. (1976), "Application of Inexpensive Double-ring Infiltrometer", [In: Hydrological Techniques for Upstream Conservation, Ed: Kohnke, S.H. and J.I. Thomas], FAO Conservation Guide, No.2, pp.200.
- 12. BUTLER, S.S. (1959), <u>Engineering Hydrology</u>, Prentice-Hall Inc., New Jersey, pp.356.
- 13. CHEBOTAREV, N.P. (1962), <u>Theory of Stream Runoff</u>, Israel Programme for Scientific Translation, Jerusalem, pp.464.

- 14. CHOW, V.T. (1967), "Laboratory Study of Watershed Hydrology". [In : Proceedings: The International Hydrology Symposium, Fort Collins, Colorado, Vol.1, pp.194-202]
- 15. DALE, W.L. (1959), "The Rainfall of Malaya Pt.1", Journal Tropical Geography, Vol. 13, pp. 23-37.
- 16. ----- (1960), "The Rainfall of Malaya Pt.2", Journal Tropical Geography, Vol. 14, pp. 11-28.
- 17. De BOODT, M.L. (1959), <u>Soil Physics Lab. Manual.</u> University of Gent.
- 18. DOBBY, E.H.C. (1953), <u>Southeast Asia</u>, University of London Press, London.
- 19. DOOGE, J.C.I. (1988), "Modelling the Behaviour of Water Infiltration". [In: Forest, Climate and Hydrology Regional Impacts, Ed.: Reynolds, R.C. and F.B. Thompson], The UN University, Tokyo, pp. 217.
- 20. DUNN, F.X. (1976), "Infiltration: Its Simulation for Field Condition". [In: Facets of Hydrology, Ed.: Rodda, J.C.], John-Wiley and Sons, New York, pp. 367.
- 21. DUNNE, T., W.H. Zheng and B.F. Aubry (1991), "The Effects of Rainfall, Vegetation and Microtopography on Infiltration Rate and Runoff", Water Resources. Vol.27, No.9, pp.2271-2285.
- 22. DUNNE T. and L.B. Leopold (1978), <u>Water in Environmental Planning</u>, W.H. Freeman and Co., U.S.A., pp.818.
- 23. EAGLESON, P.S. (1970), <u>Dynamic Hydrology</u>, McGraw-Hill Book Co., New York, pp. 462.
- 24. ERH, K.T. and N.C. Wong (1977), "Infiltration Characteristics of Some Inland Malaysian Soils Under Cocoa". [In: Conference on Classification and Management of Tropical Soils, Kuala Lumpur, Ed: Joseph K.T., pp. 287-294].
- 25. ERIE, L.J.(1962), "Evaluation of Infiltration Measurements", Trans. Am. Soc. Agricultural Engineering, Vol.5, pp.11-13.
- 26. FAULKNER, H. (1990), "Vegetative Cover Density Variation and Infiltration Patterns on Piped Alkali Sodic Soils: Implication for the Modelling of Overland Flow in Semi-arid Areas". [In: Vegetation and Erosion Process and Environment, Ed: Thornes, J.B., pp.317-345], John-Wiley and Sons, New York, pp.518.
- 27. FITZPATRICKS, A.E. (1971), <u>Pedology</u>, Oliver and Boyd, Edinburgh, pp.306.
- 28. GAVIN A.D. (1984), <u>Infiltration Characteristics on a Previously Wetted Plane</u>, Unpublished B.Sc. Thesis, Universiti Pertanian Malaysia, Serdang, Selangor.

- 29. GERRAD, A.J. (1981), <u>Soil and Landform</u>, George Allen and Unwin, London, pp.399.
- 30. GHUMAN B.S., R. Lal and W. Shearer (1991), "Land Clearing and Use in the Humid Nigerian Tropics: 1. Soil Physical Properties". J. Soil Science Society of America, Vol.55, No.1, pp. 178-183.
- 31. GOTWAY, C.A. and A.C. Cressie (1990), "A Spatial Analysis of Variance Applied to Soil-Water Infiltration", Water Resources Research, Vol.26. No.11, pp. 2695-2703.
- 32. GREEN W.H. and G.A. Ampt (1911), "Studies on Soil Physics: 1. The Flow of Air and Water Through Soils", J. Agricultural Science, Vol.4, pp. 1-24.
- 33. GREENLAND, D.J. (1977), "Soil Structure and Erosion Hazard". [In: Soil Conservation and Management in the Humid Tropics, Ed: Greenland D.J. and R. Lal, pp.17-23], John-Wiley and Sons, New York.
- 34. HERWITZ, S.R. (1985), "Infiltration excess caused by Stemflow in a Cyclone-prone Tropical Rain Forest", Earth Surface Processes and Landform, Vol.11, pp. 401-412.
- 35. HESSE, P.R. (1971), <u>A Text Book of Soil Chemical Analysis</u>, John Murray, London, pp.118.
- 36. HILLEL, D. (1971), <u>Soil and Water, Physical Principles of Processes</u>, New York Academic Press.
- 37. HOLMES, J.W., S.A. Taylor and S.J. Richard (1967), "Measurement of Soil Water". [In: Irrigation and Agricultural Lands, Ed: Hagan R.M., H.R. Haise and T.W. Edminster, Agronomy No.11, pp. 275-303], American Society of Agronomy, Medison.
- 38. HORTON, R.E. (1940), "An Approach Toward a Physical Interpretation of Infiltration Capacity", J. Soil Science Society of America, Vol.5, pp.399-417.
- 39. HUDSON, N (1976), <u>Soil Conservation</u>, B.T. Batsford Ltd., London, pp.320.
- 40. IMESON, A.C. (1977), "A Simple Field Portable Rainfall Simulator for Difficult Terrain", Earth Surface Processes and Landform, Vol.2, pp. 431-436.
- 41. JAYNES, D.B. (1990), "Temperature Variation Effect on Field-measurement Infiltration", J. Soil Science Society of America, Vol. 54, No.2, pp.302-312.
- 42. JOHNSTON, H.T., M. El Sawy and S.R. Cochrane (1980), "A Study of the Infiltration Characteristics of Undisturbed Soil Under Simulated Rainfall", J. Earth Surface Processes and Landform, Vol.5, pp. 159-174.

- 43. KEREN, R. (1990), "Water-drop Kinetic Energy Effect on Infiltration in Sodium-Calcium and Magnesium Soils", J. Soil Science Society of America, Vol.54, No.4, pp. 983-987.
- 44. KIRKBY, M.J. (1976), "Infiltration, Throughflow and Overland Flow". [In: Introduction to Physical Hydrology, Ed: Chorley, R.J.], Methuen and Co. Ltd., pp. 211.
- 45. KOLAR, L (1991), "Relationship Between Humus, Soil Properties and Soil Fertility". [In: Humus, Its Structures and Role in Agriculture and Environment. Proceedings of the 10th Symposium Humus at Planta, Prague, Ed.: Kubat, J., pp. 175-184], ELSEVIER, Amsterdam, London, N.York and Tokyo.
- 46. KUBOTA, T. et.al. (1977), "Effect of Some Soil Management on Soil Moisture Content Retention and on the Growth of Corn and Mung Bean". [In : Conference on Classification and Management of Tropical Soils, Kuala Lumpur, Ed.: Joseph, K.T., pp. 492-508].
- 47. LAL, R. (1977), "Analysis of Factors Affecting Rainfall Erosivity and Soil Erodibility". [In: Soil Conservation and Management in the Humid Tropics, Ed.: Greenland, D.J. and R. Lal, pp. 49-56].
- 48.----- (1977), "Soil-conserving versus Soil-degrading Crops and Soil Management for Erosion Control". [In : Soil Conservation and Management in the Humid Tropics, Ed.: Greenland, D.J. and R. Lal, pp. 81-86].
- 49. LANDON, J.R. (1984), <u>Booker Tropical Soil Manual</u>, Longman Inc., New York, pp. 450.
- 50. LEOPOLD, L.B. (1974), <u>Water</u>, W.H. Freeman and Co., New York, pp. 172.
- 51. LINSLEY, R.K., Max A. Kohler and L.H. Paulhus (1975), Hydrology for Engineers, McGraw-Hill Book Co., New York, pp. 482.
- 52.---- (1950), <u>Applied Hydrology</u>, McGraw-Hill Book Co., New York, pp. 689.
- 53. LUTZ, J.H. and F.R. Chandler (1957), Forest Soils, John-Wiley and Sons Inc., New York, pp. 514.
- 54. MAENE, L.M., G.G. Maesschalck, K.H. Lim and M. Mokhtaruddin. (1978), <u>Annual Report on Soil Physics Project</u>, Faculty of Agriculture, UPM, Serdang, Selangor, pp. 205.
- 55. MAESSCHALCK, G. (1983), "Water Balance of Annual Crops in the Tropics as Influenced by the Variability of Soil Physical Parameters". [In: Advances in Soil Research in Malaysia, Preceedings of the Technical Workshop on Soil Science UPM/DOA/Belgium, Serdang, Selangor, Ed.: Mokhtaruddin, A.M., J. Shamsuddin, H. Aminuddin and W.T. Chow, pp. 23-93].

- 56. MARSTON, D. (1982), "A Rainfall Simulator for Field Determination of Relative Erosion Potential", J. Soil Conservation Service of New South Wales, Vol.38, No.1, pp. 31-40.
- 57. MATHER, R.J. (1984), "Element of the Hydrologic Cycle". [In: Water Resources: Distribution, Use and Management, pp. 44-94], John-Wiley and Sons, New York.
- 58. Mc ISAAC, G.F. (1990), "Apparent Geographic and Atmospheric Influences on Raindrops Sizes and Rainfall Kinetic Energy", J. Soil and Water Conservation, Vol.45, pp. 663-666.
- 59. Mc NABB, D.H., F. Gaweda and H.A. Froehlich (1989), "Infiltration, Water Repellency and Soil Water Content After Broadcast Burning a Forest Site in South West Oregon", J. Science and Water Conservation, Vol.45, pp. 87-90.
- 60. MEEK, B.D. (1990), "Infiltration Rates as Affected by an Alfalfa and No-till Cotton Cropping System", J. Soil Science Society of America, Vol.54, No.2, pp. 505-508.
- 61. MEEUWIG, R.O. (1970), "Effect of Seedlings and Grazing on Infiltration Capacity and Soil Stability of Sub Alpine Range in Central Utah", J. Range Management, Vol.18, pp. 173-180.
- 62. MEYER, C.D. and D.L. McCune (1958), "Rainfall Simulator for Runoff Plots", J. Agriculture Engineering, Vol.39, pp. 644-648.
- 63. MILLER, H.D. (1977), Water at the Surface of the Earth, Academic Press, New York, pp. 557.
- 64. MOKHTARUDDIN, A.M., T. Jamal and W.H. Wan Sulaiman (1983), "Physical Properties of Major Soil Series in Malaysia". [In: Advances in Soil Research in Malaysia, Proceedings of the Technical Workshop on Soil Science UPM/DOA/Belgium, Serdang, Selangor, Ed.: Mokhtaruddin, A.M., J. Shamsuddin and W.T. Chow, pp. 13-21].
- 65. MOREL-SEYTOUX, H.J., T.A. Pick and T. Jonch-Clausen, (1977), "Computation of Infiltration for Unsteady Uninterupted High Rainfall", Journal Hydrology, Vol.35, pp.221-234.
- 66. MORGAN, R.P.C. (1974), "Estimating Regional Variations in Soil Erosion Hazard in P. Malaysia", Malayan Nature Journal, Vol.28, No.2, pp. 94-106.
- 67. MOSLEY, M.P. (1982), "The Effect of a New Zealand Beach Forest Canopy on the Kinetic Energy of Water Drops and on Surface Erosion", J. Earth Surface Processes and Landform, Vol.7, pp. 103-107.
- 68. MUNN, J.R. and G.L. Huntington (1976), "A Portable Rainfall Simulator for Erodibility and Infiltration Measurements on Rugged Terrain", J. Soil Science Society of America, Vol.40, pp. 622-624.

- 69. MUSGRAVE, G.W. and H.N. Holtan (1964), "Infiltration". [In : Handbook of Applied Hydrology, Ed.: Chow, V.T., pp. 12.1-12.30], McGraw-Hill Book Co., New York, San Francisco.
- 70. OOI, J.B. (1964), <u>Land, People and Economy of Malaya</u>, Longman, London.
- 71. PANABOKKE, C.R (1977), "Erosion Hazard and Farming Systems in the Humid Tropics of Southeast Asia". [In: Soil Conservation and Management in the Humid Tropics, Ed.: Greenland D.J. and R. Lal, pp. 213-228], John-Wiley and Sons, New York.
- 72. PARR, J.F. and A.R. Bertrand (1969), "Water Infiltration Into Soils", Advance in Agronomy, Vol.12, pp.311-358.
- 73. PEH, C.H. (1976), <u>Rate of Sediment Transport by Surface Wash in Three Forested Areas of Peninsular Malaysia</u>, M.A Thesis (Geography), Unpublished, University of Malaya, Kuala Lumpur, pp. 199.
- 74. PHILIP, J.R. (1957), "The Theory of Infiltration. 5. The Influence of the Initial Moisture Content", Soil Science, Vol.84, pp. 329-339.
- 75. RHIEZEBOS, T.H. and G.F. Epema (1985), "Drop Shape and Erosivity. 2. Splash Detachment, Transport and Erosivity Indices", J. Earth Surface Processes and Landform, Vol.10, pp. 69-74.
- 76. RODDA, J.C., A.R. Downing and M.F. Law (1967), <u>Systematic Hydrology</u>, Butterworth and Co. Publ. Ltd., London, pp. 399.
- 77. SCHWAB, G.O. et.al (1966), <u>Soil and Water Conservation</u> <u>Engineering</u>, John-Wiley and Sons Inc., London, pp. 683.
- 78. SEYFRIED, M.S. (1991), "Infiltration Pattern from Simulated Rainfall on a Semi Arid Rangeland Soils", J. Soil Science Society of America, Vol.55, No.6, pp.159-174.
- 79. SHERMAN, L.K. and G.W. Musgrave (1949), "Methods of Measuring Infiltration". [In: Hydrology, Ed.: Meinzer, O.E.], Dover Publication Inc., New York, pp. 712.
- 80. SKAAGS, R.W., Huggins, L.F., Monke, E.J. and G.R., Foster (1969), "Experimental Evaluation of Infiltration Equation". Trans. Am. Soc. Agric. Engineering, Vol: 12, pp. 822-828.
- 81. SMITH, H.J.C., G.J. Levy and I. Shainberg (1990), "Water-droplet Energy and Soil Amendments: Effect on Infiltration and Erosion", J. Soil Science Society of America, Vol. 54, No.4. pp. 1084-1087.
- 82. SPENCER, T. (1990) "Vegetation and Fluvial Geomorphic Process in Southeast Asian Tropical Rain Forest". [In: Vegetation and Erosion- Processes and Environment, Ed.: Thornes, J.B., pp. 451-469], John-Wiley and Sons, New York, pp. 518.

- 83. STALLING, J.H. (1959), <u>Soil Conservation</u>, Prentice-Hall Inc. New Jersey, pp. 575.
- 84. STARR, J.L. (1990), "Spatial and Temporal Variation of Ponded Infiltration", J. Soil Science Society of America, Vol.54. No. 3, pp. 629-636.
- 85. STRAHLER, A.N. (1975), <u>Physical Geography</u>, John-Wiley Book Co., New York.
- 86. TANOUE, M (1982), "Studies on the Characteristics of Some Soils Under Oil Palm in Sabah", Technical Bulletin No.5, Dept. of Agriculture, Sabah, pp. 98.
- 87. TRICKER, S.A. (1979), "A Design of Portable Rainfall Simulator Infiltrometer", J. Hydrology, Vol.41, pp.143-147.
- 88. UNGER, P.W. (1992), "Infiltration of Simulated Rainfall: Tillage System and Crop Residue Effects", J. Soil Science Society of America, Vol.56, No.1, pp. 283-289.
- 89. VIESMANN, W. (1977), <u>Introduction to Hydrology</u>, Harper and Row Publ., New York, pp. 744.
- 90. VILES, H.A. (1990), "The Agency of Organic Beings: A Selective Review of Recent Works in Biogeomorphology". [In: Vegetation and Erosion Process and Environment, Ed.: Thornes, J.B.], John-Wiley and Sons, New York, pp. 518.
- 91. VOMOCIL, A.J. (1965), "Total Porosity". [In: Methods on Soil Analysis, Agronomy No.9. Pt.1, pp. 299-314], Academic Press, Inc., New York.
- 92. WARD, R.C. (1967), <u>Principles of Hydrology</u>, McGraw-Hill Publ. Co. Ltd., London, pp. 403.
- 93. WILCOCK, D.N. and C.I. Essery (1984), "Infiltration Measurements in a Small Lowland Catchment", J.Hydrology, Vol.74, pp.191-204.
- 94. WILSON, E.M. (1983), <u>Engineering Hydrology</u>, McMillan, London, pp. 309.
- 95. WONG. I.F.T. (1966), "Reconnaisance Soil Survey of Selangor", Malayan Soil Survey Report, No.6/1966, Soil Science Division, Dept. of Agriculture and Cooperatives, Kuala Lumpur, pp.63.
- 96. ----- (1970), "Reconnaisance Soil Survey of Selangor", Ministry of Agriculture and Lands, Kuala Lumpur, Bulletin No.122, pp. 54.