

# Bibliography

- [1] Chandrasiri, C, Dharmapriya, S, Jayawardana, J, Kulatunga, AK, Weerasinghe, AN, Aluwihare, CP & Hettiarachchi, D 2022, Mitigating Environmental Impact of Perishable Food Supply Chain by a Novel Configuration: Simulating Banana Supply Chain in Sri Lanka, *Sustainability*, vol. 14, no. 19, p. 12060.
- [2] D. Ricketts, K, G. Turvey, C I. Gmez, M 2014, Value chain approaches to development, *Journal of Agribusiness in Developing and Emerging Economies*, vol. 4, no. 1, pp. 222.
- [3] Fernando, S., Semasinghe, C., Jayathilake, N., Wijayamunie, R., Wickramasinghe, N. and Dissanayake, S. (2016), City region food system situational analysis, Colombo, Sri Lanka, available at: <https://cgspace.cgiar.org/handle/10568/78818> (accessed 12 March 2017).
- [4] Mayadunne, G Romeshun, K 2013, Estimation of Prevalence of Food Insecurity in Sri Lanka, *Sri Lankan Journal of Applied Statistics*, vol. 14, no. 1, p. 27.
- [5] Jeong, H, Kim, H Jang, T 2016, Irrigation Water Quality Standards for Indirect Wastewater Reuse in Agriculture: A Contribution toward Sustainable Wastewater Reuse in South Korea, *Water*, vol. 8, no. 4, p. 169.
- [6] Srinivasan, JT Reddy, VR 2009, Impact of irrigation water quality on human health: A case study in India, *Ecological Economics*, vol. 68, no. 11, pp. 2800 - 2807.
- [7] Usman, MA Gerber, N 2019, Assessing the effect of irrigation on household water quality and health: A case study in rural Ethiopia, *International Journal of Environmental Health Research*, vol. 31, no. 4, pp. 433452.
- [8] Willey, RG, Smith, DJ Duke, JH 1996, Modeling Water-Resource Systems for Water-Quality Management, *Journal of Water Resources Planning and Management*, vol. 122, no. 3, pp. 171179.

- [9] Raju\*, BCK, Gowda C, C B S, K 2020, Optimization of Reservoir Operation using Linear Programming, International Journal of Recent Technology and Engineering (IJRTE), vol. 8, no. 5, pp. 10281032.
- [10] D.P. Locus, E.V.Beek; *Water resource systems planning and management*, Data-Fitting, Evolutionary, and qualitative Modeling, Gewerbestrasse, Switzerland, 2017, 137–200.
- [11] S.Vedula, P.P Mujumdar; *Water resources systems: Modelling techniques and analysis*, 2005, 235-240.
- [12] Bhavann K. Ajudiya, S.M. Yadav, P.K. Mujumdar; **2018-June** Optimization of water supply release using linear programming, Journal of applied science and computations, Vol 5, Issues 6, p.251.
- [13] Louks, D.P kindler, J. and Fedra, K, *Interactive water resources modeling and model use: an overview*, Water Resource Planning and Management, AGU, 21(2) pp. 95-102, 1985
- [14] S. Busenberg, K. Cook; *Vertically Transmitted Diseases, Models and Dynamics*, Biomathematics 23, Springer-Verlag, Berlin, 1993.
- [15] Hyndman, R.J, Athanasopoulos, G; *Forecasting: Principles and practice. OTexts*, 2018
- [16] Mathai, A.M, Haubold, H.J *Application to Stochastic Process and Time Series. Special Functions for Applied Scientists*, 2008
- [17] Janga Reddy, M Nagesh Kumar, D 2007, An efficient multi-objective optimization algorithm based on swarm intelligence for engineering design, Engineering Optimization, vol. 39, no. 1, pp. 4968.
- [18] Fisher, B, Turner, RK Morling, P 2009, Defining and classifying ecosystem services for decision making, Ecological Economics, vol. 68, no. 3, pp. 643653.
- [19] Cinzia Colapinto<sup>1</sup>Raja Jayaraman<sup>2</sup>Simone Marsiglio; *Multi-criteria decision analysis with goal programming in engineering, management and social sciences: a state-of-the art review*. 23, .Manag Sci 2:138151, 1955
- [20] Gabbrielli, E 2004, The use of modelling and reuse techniques in the development of water management systems in basins with limited water resources, Water Science and Technology, vol. 49, no. 7, pp. 3338.
- [21] Fang, G, Guo, Y, Huang, X, Rutten, M Yuan, Y 2018, Correction: Fang, G., et al. Combining Grey Relational Analysis and a Bayesian Model Averaging Method

- to Derive Monthly Optimal Operating Rules for a Hydropower Reservoir. *Water* 2018, 10, 1099, *Water*, vol. 10, no. 12, p. 1780.
- [22] Mann, HB 1945, Nonparametric Tests Against Trend, *Econometrica*, vol. 13, no. 3, p. 245.
- [23] Kaplan, EL Meier, P 1958, Nonparametric Estimation from Incomplete Observations, *Journal of the American Statistical Association*, vol. 53, no. 282, pp. 457 - 481.
- [24] Izenman, A. J. (2008). *Modern multivariate statistical techniques: Regression, classification and manifold learning*. Springer
- [25] Armstrong, J. S. (1978). *Long-range forecasting: From crystal ball to computer*. John Wiley Sons
- [26] Hyndman, R. J., Koehler, A. B. (2006). Another look at measures of forecast accuracy. *International Journal of Forecasting*, 22(4), 679688.
- [27] Bickel, P. J., Doksum, K. A. (1981). An analysis of transformations revisited. *Journal of the American Statistical Association*, 76(374), 296311.
- [28] Box, G. E. P., Cox, D. R. (1964). An analysis of transformations. *Journal of the Royal Statistical Society. Series B, Statistical Methodology*, 26(2), 211252.
- [29] Guerrero, V. M. (1993). Time-series analysis supported by power transformations. *Journal of Forecasting*, 12(1), 3748.
- [30] Wilson, GT 2016, *Time Series Analysis: Forecasting and Control*, 5th Edition, by George E. P.Box, Gwilym M.Jenkins, Gregory C.Reinsel and Greta M.Ljung, 2015. Published by John Wiley and Sons Inc., Hoboken, New Jersey, pp. 712. ISBN: 978-1-118-67502-1, *Journal of Time Series Analysis*, vol. 37, no. 5, pp. 709711.
- [31] Dickey, DA Fuller, WA 1979, Distribution of the Estimators for Autoregressive Time Series With a Unit Root, *Journal of the American Statistical Association*, vol. 74, no. 366, p. 427.
- [32] Kwiatkowski, D, Phillips, PCB, Schmidt, P Shin, Y 1992, Testing the null hypothesis of stationarity against the alternative of a unit root, *Journal of Econometrics*, vol. 54, no. 13, pp. 159178.
- [33] Weber, E 1977, Kendall, M.: *Multivariate Analysis*. Charles Griffin b Co. LTD. London, High Wycombe 1975. 210 s., 9 Abb., 27 Tab., 1 Anhang, £ 6,80, *Biometrical Journal*, vol. 19, no. 4, pp. 309309.

- [34] LJUNG, GM BOX, GEP 1978, On a measure of lack of fit in time series models, *Biometrika*, vol. 65, no. 2, pp. 297303.
- [35] Akaike, H 1974, A new look at the statistical model identification, *IEEE Transactions on Automatic Control*, vol. 19, no. 6, pp. 716723.
- [36] Schwarz, G 1978, Estimating the Dimension of a Model, *The Annals of Statistics*, vol. 6, no. 2.
- [37] Hannan, EJ Quinn, BG 1979, The Determination of the Order of an Autoregression, *Journal of the Royal Statistical Society: Series B (Methodological)*, vol. 41, no. 2, pp. 190195.