













- [16] E. S. P. B. V, T. S. Steenhuis, W. H. V. A. N. D. E. R. Molen, and R. Hall, "The Thornthwaite-Mather Procedure as a Simple Engineering Method to Predict Recharge," *J. Hydrol.*, vol. 84, pp. 221–229, 1986.
- [17] R. Rusnam and N. R. Yanti, "Potential Evapotranspiration uses Thornthwaite Method to the Water Balance in Padang City Potential Evapotranspiration uses Thornthwaite Method to the Water Balance in Padang City," *IOP Conf. Ser. Earth Environ. Sci.*, vol. 757, 2021, doi: 10.1088/1755-1315/757/1/012041.
- [18] A. Beyene *et al.*, "Estimating the actual evapotranspiration and deep percolation in irrigated soils of a tropical floodplain, northwest Ethiopia," *Agric. Water Manag.*, vol. 202, no. December 2017, pp. 42–56, 2018, doi: 10.1016/j.agwat.2018.01.022.
- [19] L. S. Pereira, P. Paredes, R. López-Urrea, D. J. Hunsaker, M. Mota, and Z. Mohammadi Shad, "Standard single and basal crop coefficients for vegetable crops, an update of FAO56 crop water requirements approach," *Agric. Water Manag.*, vol. 243, no. March 2020, p. 106196, 2021, doi: 10.1016/j.agwat.2020.106196.
- [20] L. Chen, S. Sela, T. Svoray, and S. Assouline, "The role of soil-surface sealing, microtopography, and vegetation patches in rainfall-runoff processes in semiarid areas," *Water Resour. Res.*, vol. 49, no. 9, pp. 5585–5599, 2013, doi: 10.1002/wrcr.20360.
- [21] K. E. Saxton and P. H. Willey, "The SPAW model for agricultural field and pond hydrologic simulation," *Watershed Model.*, pp. 401–435, 2005, doi: 10.1201/9781420037432.ch17.
- [22] B. Umasugi, S. Priyono, Soemarno, and Ariffin, "Improvement of soil moisture storage in clove plantation land using biopore technology and organic material litters," *J. Degrad. Min. Lands Manag.*, vol. 8, no. 2, pp. 2601–2610, 2021, doi: 10.15243/jdlm.
- [23] J. Tuure, M. Räsänen, M. Hautala, P. Pellikka, P. S. A. Mäkelä, and L. Alakukku, "Plant residue mulch increases measured and modelled soil moisture content in the effective root zone of maize in semi-arid Kenya," *Soil Tillage Res.*, vol. 209, no. December 2020, p. 104945, 2021, doi: 10.1016/j.still.2021.104945.
- [24] C. C. Banfield, M. A. Dippold, J. Pausch, D. T. T. Hoang, and Y. Kuzyakov, "Biopore history determines the microbial community composition in subsoil hotspots," *Biol. Fertil. Soils*, vol. 53, no. 5, pp. 573–588, 2017, doi: 10.1007/s00374-017-1201-5.
- [25] H. M. Franklin, A. R. Carroll, C. Chen, P. Maxwell, and M. A. Burford, "Plant source and soil interact to determine characteristics of dissolved organic matter leached into waterways from riparian leaf litter," *Sci. Total Environ.*, vol. 703, p. 134530, 2020, doi: 10.1016/j.scitotenv.2019.134530.