Subject: Request for 20 Years of Multivariate Environmental Data for Groundwater Level Prediction Research based on Chennai city.

Respected Managing Director of CMSWBB,

We are a group of researchers from Amrita School of Artificial Intelligence, Amrita Vishwa Vidyapeetham currently engaged in a study on predicting groundwater levels in Chennai City. As you may be aware, the city faces substantial challenges regarding water scarcity, exacerbated by factors such as rapid urbanization, climate change, and seawater intrusion. Our research aims to analyze how these environmental elements interact and contribute to the ongoing water problems faced by residents.

To effectively address these issues and contribute valuable insights into sustainable water management, we kindly request access to 20 years of historical data, including groundwater levels, historical rainfall statistics, climate data, seawater intrusion levels, Soil texture, and ph levels, Groundwater usage data. This comprehensive dataset is crucial for developing a predictive model that can help mitigate water scarcity and empower the city and its inhabitants to save water more effectively for the future.

We appreciate the importance of this data and are prepared to comply with any necessary formalities to facilitate this request. If possible, we would be grateful to receive the data in CSV format [Excel format], as this will enhance our ability to conduct thorough analysis and present actionable recommendations.

Your support will play a vital role in the success of our research, which aims to inform policies and practices that promote the efficient use and management of water resources in Chennai. We thank you for your time and consideration and looking forward to your positive response.