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Mr Charles Darwin Racadio is a chemist and isotope hydrologist at the Philippine Nuclear Research Institute, where he has worked since 2011. He earned a B.Sc. in Chemistry from Central Luzon State University (2007) and an M.Sc. in Environmental Science from the University of the Philippines Diliman (2018). His research applies advanced techniques such as mass spectrometry and isotope ratio analysis to study groundwater systems, surface water dynamics, and environmental processes. He also uses Geographic Information Systems (GIS) to integrate complex datasets for water resource management. His multidisciplinary expertise supports evidence-based strategies for assessing and protecting water resources.