



**Carlo "Caloy" Arcilla** was born in Virac, Catanduanes to parents Carmen and Solon. Carmen was a high school principal and Solon was an engineer who started the Engineering program of the Catanduanes State University. Like his sister, he got accepted to the Philippine Science High School and later earned a BS in Geology (cum laude) degree from UP Diliman. After teaching for a couple of years at UP, he worked at the Atlas Consolidated Mining and Development Corporation in Cebu as a geologist. He won a Fulbright Scholarship to study for his MS and PhD at the University of Illinois at Chicago and briefly taught at the Northeastern Illinois University. Returning from the USA, he joined the Faculty at UP NIGS. His research and professional work included the development of the first garbage-fuelled electric power plant in Payatas, and his fieldwork and geochemical analyses have resulted in the stock market listing of two mining companies, Century Peak Corporation and Marc Ventures Mining, who were early pioneers in Nickel Mining. Among his environmental work included delineating the responsible party to the infamous West Tower petroleum disaster whose source was a pipeline leak. For this work, he recognized by the Supreme Court as amicus curiae. He is also a pioneer in carbon sequestration studies in the Philippines. Appointed director of NIGS, he raised funds to modernize its laboratories and strengthened its links to the industry. In 2017, he was appointed director of the Philippine Nuclear Research Institute and among his current projects there include lowering the costs of cancer diagnosis through nuclear medicine and innovative nuclear applications in agriculture. He continues to publish, and his graduate students have moved on and been accepted to schools such as MIT, Swiss ETH, Caltech, UIC, etc. He was elected president of the Earth Science Section of the Asia Oceania Geological Society and received the Most Outstanding Geologist Award from the PRC. He is also an entrepreneur, starting businesses in drilling, gemstones, chemical analyses, and production of natural alkaline water.