

Alumanda Dela Rosa



BIO

Ms. Alumanda M. Dela Rosa joined the Philippine Atomic Energy Commission (PAEC), presently the Philippine Nuclear Research Institute (PNRI) in September 1968 after graduation from the College of the Holy Spirit with a B.S. in Chemistry. She rose from the ranks, starting as a Nuclear Research Assistant, a Nuclear Research Specialist, Division Chief, Career Scientist IV, and Director IV of the PNRI. Her Ph.D. dissertation at the University of Hawaii which started her scientific career dealt with the effects of high energy radiation on the transport systems of biological membranes, one of the few studies then on the radiation effects in biomembranes.

Upon her return to the Philippines in 1977, she applied her knowledge and skills in radiation chemistry to the development of products/processes from indigenous natural polymers using radiation. Her research interest also covers environmental chemistry and studied coastal pollution due to heavy metals and harmful algal blooms. She has published/presented 45 papers and trained young scientists. Her scientific work and contribution to the pool of knowledge was recognised by the Scientific Career Council with her conferment of the rank of Career Scientist IV in 1991.

As PNRI Director, Ms. Dela Rosa has worked to provide such enabling environment and challenge the PNRI scientists to higher levels of excellence and pursue new fields of endeavour. She has worked for a more active participation of the Institute in the R&D, technology transfer, and normative activities of the IAEA coupled with strategic planning in using the IAEA technical cooperation fund to establish/upgrade nuclear and radiation facilities, and develop new competencies in PNRI and its collaborators. This initiative has opened up greater opportunities to more PNRI researchers and regulatory staff in developing their areas of specialisation and cultivating regional and international linkages with their peers.