Candidate
Executive Council of the International Society for the Advancement of Emergy Research (ISAER)

Term Length: 4 years

Name: Daisy B. Badilla
daisybadilla50@gmail.com / +639064851739
linkedin.com/in/daisy-badilla-gcb-d-9628991a7/

Affiliation: Calamianes Resilience Network (https://crn-cso.org/)
Volunteer Researcher

Education

Ph.D. in Environmental Engineering, University of the Philippines Diliman, 2011
Visiting Researcher (for a year) at the University of Canterbury, New Zealand
Master of Science in Chemical Engineering, University of the Philippines Diliman, 1997
Bachelor of Science in Chemical Engineering, University of San Carlos, Cebu City, 1988

Research and Teaching

Courses taught: research, courses in chemical and environmental engineering including Environmental Management Systems with emergy as an environmental management tool
Level: undergraduate and graduate

Professional Affiliations

- Member, Philippine Institute of Chemical Engineers, Society of Environmental Engineers of the Philippines, International Organization of Educators and Researchers, Inc., ISAER (2011-present)
- Member, *Honor Society of Phi Kappa Phi*
- Global Competent Boards Sustainability Designation (GCB.D) and Certification https://www.linkedin.com/posts/competentboards_esg-businessleaders-boardmembers-activity-7057463471507918848-pLW-/

Vision for ISAER

Advancing Global Understanding of Emergy for Smarter Decision-Making

- Expanding emergy research and applications
- Building collaboration and partnerships
- Enhancing education and accessibility

My vision is to expand emergy research and make it more accessible to decision-makers in government, business, and communities. We apply emergy to critical areas like climate change, circular economies, and digital transformation to ensure responsible resource use.

Collaboration is key. By working with researchers, policymakers, and industries, we can integrate emergy into sustainability planning. Education is just as important—we need more training programs, simple tools, and real-world applications to help people use emergy in practical ways.

A sustainable future depends on informed choices. By promoting emergy research and expanding its use, particularly in decision-making, we can help create smarter policies, stronger communities, and a flourishing nature-aligned world.