



URDANETA CITY UNIVERSITY: INITIATIVES TO PROTECT AQUATIC SYSTEMS IN PANGASINAN

Urdaneta City University (UCU), in alliance with BFAR Region I and Pangasinan State University – Binmaley Campus, is piloting sustainable hito-culture and hydroponics systems aligned with aquatic ecosystem stewardship in Pangasinan. Through community-based research and extension, staff and students spearhead biodiversity-sensitive aquaculture, habitat-friendly wastewater solutions, and education for local partners. UCU's Centre for Community Development & Extension Services (CCDES) and Center for Research & Development support outreach training on SDG-aligned water-resource management, enabling barangays and small-scale fishery enterprises to adopt best practices. Together they safeguard the shared aquatic systems while enabling resilient, livelihood-friendly development.

By mapping location-specific aquatic species, monitoring water-quality trends, and integrating local economic practices with conservation goals, UCU commits to being a regional steward of Pangasinan's waters. Our academic and extension units translate research into action offering community workshops, policy support, and partner training that reduce sedimentation, nutrient runoff, and biological contamination across our watersheds. We call on local government units, fisherfolk groups, and civic partners to join us in this shared mission of aquatic system health and sustainability.

MAKE SDG#14 A REALITY

