PATHWAYS FOR INDIGENOUS KNOWLEDGE ENGAGEMENT ON MARINE BIODIVERSITY CONSERVATION

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Population living in coastal areas
64.7M in year 2000 in 822
of 1,502 municipalities

4 of 10 coastal residents live
below poverty line

Average income in rural coastal
areas: P50 – P150 daily ($1 to $3)
“Local people are capable of understanding and resolving many of their environmental problems because they possess the experience and knowledge to identify and design appropriate management strategies”  - Burkey 1993

AGENDA: ENGAGING COASTAL PEOPLE IN DEVELOPMENTAL ACTION RESEARCH
1) Define the relationship of the people living in the coastal barangays with their marine resources (CULTURAL CONSENSUS THEORY) using methods developed by USG funded partners MEDIN & BANG

2) Identify local perceptions of biodiversity and the local concept of a marine bioregion as a platform for initiating a bioregional approach in education
The PAMANA membership communities, with emphasis on up to 60 strategically located sites in 4 of the 6 biodiversity based Philippine marine bioregions.

Selected fisherfolk communities identified through a collaborative approach within the North Philippine Sea marine bioregion.
1) ONE QUARTER MILLION DATA ENTRIES COLLECTED, HALF ACROSS NORTHERN PHILIPPINE SEA FROM 1000 FISHERFOLK IN 10 PROVINCES

2) ANALYSIS: APPROXIMATELY 100 AREAS OF CULTURAL CONSENSUS AT DIFFERENT GEOGRAPHIC AND ORGANIZATIONAL SCALES - HELPING TO DEFINE CURRICULUM DESIGN STRATEGY & BEST PRACTICE TRANSFERS TOWARDS THAT GOAL
INITIAL DEVELOPMENT APPLICATIONS
BEST PRACTICE TRANSFER

1) KALMADABA - DEVELOPMENT OF A FISHERFOLK LED MARINE PROTECTED AREA

2) YOUTH ENVIRONMENT LEADERSHIP AMBASSADORS IN BALER, AURORA

3) ASSESSMENT OF PROTEIN NUTRITION OF FISHERFOLK, PREGNANT MOTHERS & YOUNG CHILDREN ACROSS 32 AURORA COMMUNITIES

4) STRENGTHENING OF AURORA PROVINCE MARINE PROTECTED AREA NETWORK

5) PAMANA ALLIANCE OF FISHERFOLK MPA MANAGERS - ESTABLISHING RESILIENCE TO POTENTIAL CLIMATIC CALAMITIES

6) DISSEMINATION OF MODEL COASTAL RESOURCE MANAGEMENT DESIGN TO NORTHERN PHILIPPINE SEA BIOREGION