Lecture/Discussion #11:

Writing up the Coastal Environment Profile for CRM Planning

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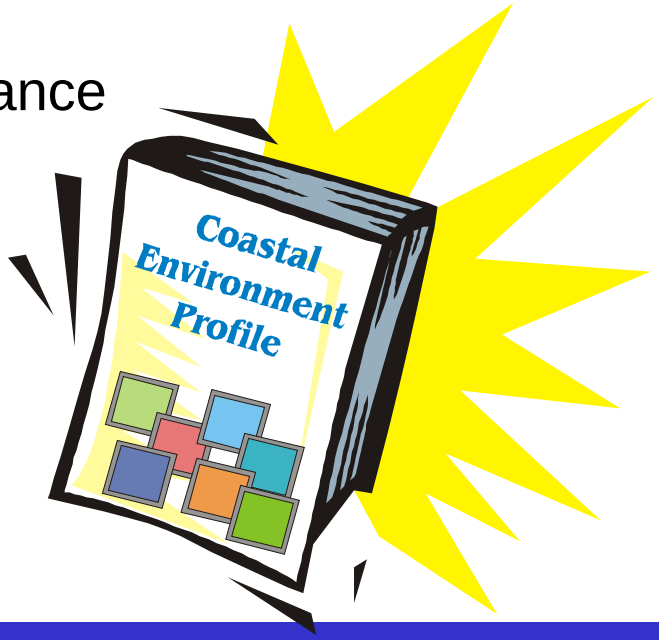
Data gathered from PCRA serve various purposes.

- First, these are the primary bases for the development of the coastal environment profile which are essential for CRM planning.
- They are also used to measure performance indicators for project monitoring and evaluation.
- Other important functions also include: consciousness-raising tool for the community, and point of entry for organizing the community for CRM.



The coastal environment profile is a document which presents the results of PCRA field methods in ways that will assist CRM planning decisions.

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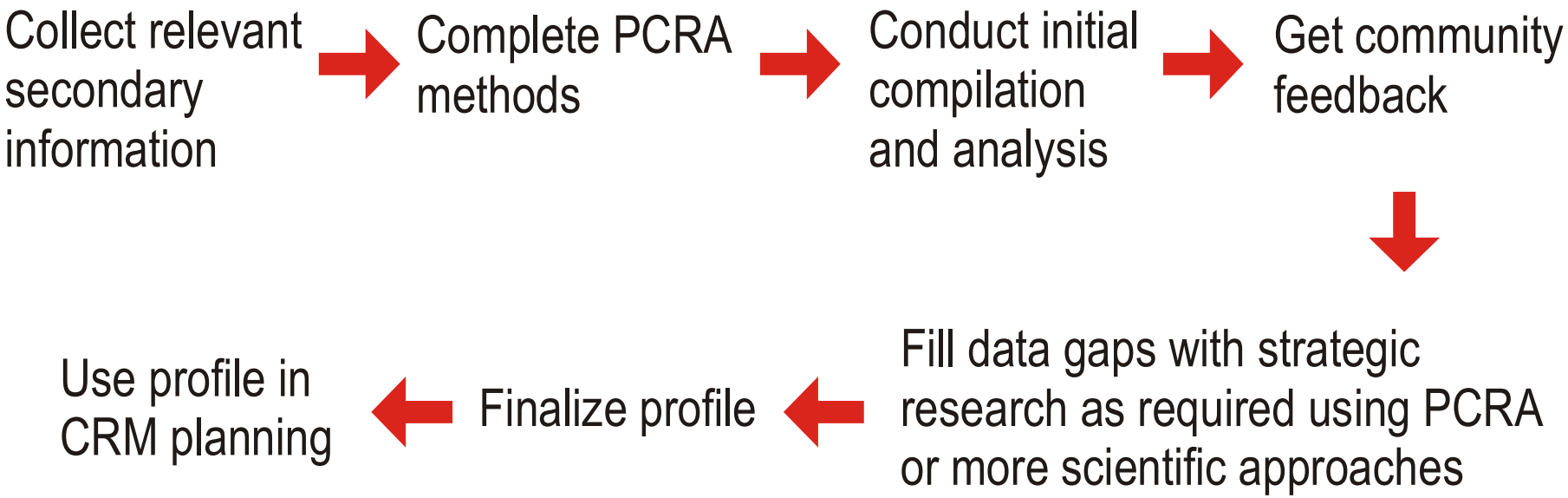
Process in producing the coastal environment profile



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Outline for the comprehensive coastal environment profile

List of Tables
List of Figures
List of Acronyms and Abbreviations
Acknowledgments

I. Introduction

A. location
B. physiognomy or any short description of the area/geography
C. historical background
D. summary of issues
E. objectives
F. scope
G. general definitions, if any

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II. **Physical Features** (*include data by municipality, use maps or tables or any visual where appropriate*)
   A. land area
   B. topography
   C. hydrology
   D. soil
   E. land uses
   F. climate

III. **Natural Resources** (*should have visuals; include species, area, condition*)
   A. mineral resources
   B. forest resources
   C. coastal resources
      1. mangrove
      2. seagrass
      3. coral
      4. seaweed (*if present; may also be included in fisheries*)
      5. fisheries
      6. others (*beaches, endangered species, etc.*)

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IV. Socio-Political Setting (*include tables, charts, graphs, etc.*)

A. political/administrative boundaries
B. demographics (*per municipality*)
    1. population size, density, distribution and growth rate
    2. household (*number, members/nuclear or extended*)
    3. age and gender composition
    4. urban and rural distribution
    5. education
    6. labor and/or employment, income
    7. religion and/or ethnic groups
    8. dialects
C. health, sanitation and medical care
D. settlements (*type and ownership*)
E. roads, transportation and communication, other related infrastructure or support systems (e.g. *cooperatives, fishing ports*)

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V. Economic Sector (per municipality, per barangay when appropriated) — use maps, tables, charts, figures

A. fisheries
   1. capture fisheries
      a. capture methods (*fishing gear, types of boats and no., ownership*)
      b. no. of fishers
      c. catch per unit effort
      d. catch per species (*weight*) per gear
      e. historical trends in catch levels and composition (*species caught, market value and composition.*
   2. aquaculture
      a. cadastral maps to depict fishpond areas by municipality/*barangay*
      b. areas legible for reversion
      c. mariculture types and production levels by municipality/barangay
      d. historical trends in production

B. tourism
   1. classification and location of existing and potential tourist areas
   2. no. of employees per activity
   3. revenues generated
   4. description of environmental, social, cultural impacts

D. others (e.g. agriculture, forestry)
   similar parameters above

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VI. Institutional and Legal Framework

A. introduction
B. current state of the Philippine Coastal Zone Law (includes related policies/laws)
C. local government (provincial, municipal, barangay, other GO's)
    1. types, structures
    2. development plans/activities or projects
    3. budget allocated for ICM
D. non-governmental organizations involved in ICM
    1. names
    2. types of activities
    3. funding levels
    4. future plans
E. community organizations
    1. names
    2. types of activities
    3. funding levels
    4. future plans

VII. Management Issues and Opportunities (include stakeholders and appropriate analyses)

A. environmental
B. economic
C. political/institutional

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