



**Training on the Methods of the Biodiversity Assessment And Monitoring System (BAMS)
for the Coastal and Marine Ecosystems
Provisional Program**

The training schedule are as follows:

A. Coral Reef Assessment Training - July 24-29, 2023: Br. Alfred Shields FSC Marine Research Center, Lian, Batangas (excluding online pre-work lecture)

Schedule	Activity	
Day 1: July 24, 2023		
7:00 - 11:00		Travel to Br. Alfred Shields FSC Marine Research Center, Lian, Batangas
11:00 - 11:30	Set-up	Registration and set-up of training venue and materials for use
11:30 - 12:00	Lecture	BRAMS health and safety orientation
12:00 - 1:00		Lunch
1:00 -2:00	Lecture	Training orientation (including an overview of schedule and expectation setting)
2:00 - 3:00	Lecture	Review of the C5 method (including rugosity)
3:00 - 5:00	Activity	Land simulation (including GPS activity)
5:00 - 6:00	Activity	Equipment and camera preparation
6:00 - 7:00	Lecture and activity	Tide correction
7:00 - 7:30	Lecture	Orientation to dive refresher training
7:30 - 8:00		Dinner
Day 2: July 25, 2023		
7:00 - 8:00		Breakfast
8:00 - 11:00	Field activity	Dive refresher training
11:00 - 12:00		Lunch
12:00 - 3:00	Field activity	Skills development dive
3:00 - 5:00	Activity	Rinsing of equipment, break
5:00 - 7:00	Activity	TAUs review (skeleton specimen session)
7:00 - 8:00		Dinner
Day 3: July 26, 2023		
7:00 - 8:00		Breakfast



8:00 - 11:00	Field activity	Site selection fieldwork (snorkeling)
11:00 - 12:00		Lunch
12:00 - 2:30	Field activity	Simulation survey 1 (simultaneous; two batches of 4)
2:30 - 4:00	Activity	Rinsing of equipment, break
4:00 - 6:00	Activity	Data back-up lecture and activity
6:00 - 7:00	Activity	Post-dive journal lecture and activity
7:00 - 8:00		Dinner
Day 4: July 27, 2023		
7:00 - 8:00		Breakfast
8:00 - 11:00	Field activity	Simulation survey 2 (simultaneous; two batches of 4)
11:00 - 12:00		Lunch
12:00 - 2:30	Activity	Rinsing of equipment, break
2:30 - 4:30	Activity	Data back-up activity
4:30 - 6:00	Activity	Post-dive journal activity
6:00 - 7:00		Dinner
Day 5: July 28, 2023		
7:00 - 8:00		Breakfast
8:00 - 9:30		Reef Bottom Types
9:30 - 10:30	Lecture	CPCe lecture
10:30 - 12:00	Activity	Processing of survey images
12:00 - 1:00		Lunch
1:00 - 6:00	Activity	Processing of survey images
6:00 - 7:00		Dinner
Day 6: July 29, 2023		
7:00 - 8:00		Breakfast
8:00 - 10:30	Activity	Presentation of case studies
10:30 - 11:00	Synthesis/round-table	Presentation, Q&A, Feedbacking
11:00 - 12:00	Synthesis/round-table	Synthesis & Awarding of Certificate
12:00 - 1:00		Lunch
1:00 - 5:00		Travel to Manila

***B. Reef Fishes / Fish Visual Census - July 31 - August 5, 2023: Br. Alfred Shields FSC
Marine Research Center, Lian, Batangas***

Schedule	Activity	
Day 1: July 31, 2023		
7:00 - 11:00		Travel to Br. Alfred Shields FSC Marine Research Center, Lian, Batangas
11:00 - 11:30	Set-up	Registration and set-up of training venue and materials for use
11:30 - 12:00	Lecture	BRAMS health and safety orientation
12:00 - 1:00		Lunch
1:00 -2:00	Lecture	Orientation to dive refresher training
2:00 - 2:30		Dive preparation
2:30 - 4:00	Dive1	Dive refresher training
4:00 - 6:00		Rinse and rest
6:00 - 7:00		Dive feedback
7:00 - 8:00		Dinner
Day 2: August 1, 2023		
7:00 - 8:00		Breakfast
8:00 - 9:00	Orientation	Overview of schedule and expectation setting
9:00 - 11:00	Lecture	Intro to reef fishes, FVC techniques, Fish ID
11:00 - 11:30		Open forum
11:30 - 12:30		Lunch
12:30 - 1:00		Preparation of gears
1:00 - 2:00	Dive 2	Refresher/size estimation
3:00 - 4:00	Dive 3	Reef fish ID practice
5:00 - 6:00		Rinsing of equipment, break
6:00 - 7:00		Dive feedback
7:00 - 8:00		Dinner
Day 3: August 2, 2023		
7:00 - 8:00		Breakfast
8:00 - 9:00	Lecture	Sampling design, site selection
9:00 - 11:00		Data processing
11:00 - 12:00		Lunch
12:00 - 12:30		Preparation of gears and equipment
12:30 - 1:30	Dive 4	Fish Visual Census (FVC)
2:30 - 3:30	Dive 5	Fish Visual Census (FVC)
3:30 - 5:00		Rinse and rest

6:00 - 7:00		Post-dive journal lecture and feedback
7:00 - 8:00		Dinner
Day 4: August 3, 2023		
7:00 - 8:00		Breakfast
8:00 - 11:00	Lecture	Data encoding, processing, and presentation
11:00 - 12:00		Lunch
12:00 - 12:30		Preparation of gears and equipment
12:30 - 1:30	Dive 4	Fish Visual Census (FVC)
2:30 - 3:30	Dive 5	Fish Visual Census (FVC)
3:30 - 5:00		Rinse and rest
6:00 - 7:00		Post-dive journal lecture and feedback
7:00 - 8:00		Dinner
Day 5: August 4, 2023		
7:00 - 8:00		Breakfast
8:00 - 9:30		Overview
9:30 - 11:00	Activity	Synthesis
12:00 - 1:00		Lunch
1:00 - 6:00	Activity	Processing, analysis, and report writing
6:00 - 7:00		Dinner
Day 6: August 5, 2023		
7:00 - 8:00		Breakfast
8:00 - 10:30	Activity	Presentation of case studies
10:30 - 11:00	Synthesis/round-table	Q&A, Feedbacking
11:00 - 12:00	Synthesis/round-table	Synthesis & Awarding of Certificate
12:00 - 1:00		Lunch
1:00 - 5:00		Travel to Manila

C. Seagrass and Mangrove Assessment Training - August 8-12, 2023: Magalawa Island, Palauig, Zambales

Schedule	Activity	
Day 1: August 8, 2023		
5:00 - 11:00		Travel to Magalawa Island
11:00 - 11:30	Set-up	Registration and set-up of training venue and materials for use
12:00 - 1:00		Lunch
1:00 -2:00	Lecture	Training orientation (including an overview of schedule and expectation setting)
2:00 - 3:00	Lecture	Pre-Test and Review
6:00 - 7:00		Dinner
Day 2: August 9, 2023		
7:00 - 8:00		Breakfast
8:00-9:00	Lecture	Introduction to Seagrass
9:00-10:00	Lecture	Methodology: Site Selection/Sampling Station Identification
10:00 - 11:00	Lecture	Fixed transect: Data Collection (Species ID and composition, Seagrass Cover, Shoot Density, Canopy Height, Substrate Classification, etc.)
11:00 - 12:00		Lunch
12:00 - 12:30	Lecture	Introduction to Mangroves (Biology, and Ecology)
12:30 - 3:00	Lecture	Mangrove Species Identification
3:00 - 5:00	Lecture	Methodology: - Sampling Design (based on type of mangroves) - Circular vs Belt-transect method - Data Collection (Species ID, Measurements, etc)
6:00 - 7:00		Dinner
Day 3: August 10, 2023		
7:00 - 8:00		Breakfast
8:00 - 11:00	Assessment	Mangrove Assessment (depends on the tide)
11:00 - 12:00		Lunch
12:00 - 3:00	Assessment	Seagrass Assessment (depends on the tide)
3:00 - 4:00	Lecture	Data Cleaning and Encoding
4:00- 5:00		Dinner
Day 4: August 11, 2023		
7:00 - 8:00		Breakfast

8:00- 10:00	Lecture	Data Analysis (Seagrass)
10:00 - 11:30	Data Encoding	Processing, Analysis, and Report Writing
11:30 - 12:00		Lunch
12:00 - 1:00	Exercise	Table Exercise (Mangrove Identification)
1:00 - 3:00	Lecture	Data Analysis (Mangroves) - Importance Value - Determination of biodiversity value
3:00 - 5:00	Data Encoding	Processing, Analysis, and Report Writing
5:00 - 6:00		Presentation (Mangroves and seagrass)
6:00 - 7:00		Dinner
Day 5: August 12, 2023		
7:00 - 8:00		Breakfast
8:00 - 8:30		Post-test
8:30 - 9:30	Open Forum and Closing	Q&A and Feedbacking
9:30 - 10:30		Synthesis and Award Certificate
12:00 - 1:00		Lunch
1:00 - 6:00		Travel to Manila