

Module Three

State of Indonesian reef resources



SESSION 3: State of Indonesian reef resources

Objectives:

At the end of the session, the participants will be able to:

1. Understand the importance of coral reefs to humanity;
2. Understand the present state and condition of Indonesian reefs;
3. Understand the causes of coral reef destruction and how the participants themselves may or may not have contributed to the threat;
4. Realize the urgency to conserve coral reefs as of vital importance to their subsistence and survival;
5. See the need to reform and transform their present fishing and resource management habits and align themselves with global conservation efforts.

Equipment/Materials Needed:

World Atlas

Indonesian Map showing hotspot areas

Pictures of rare, threatened, and endangered species

Picture of collector using cyanide and explosives

Picture of marine habitat substances and by-products

Duration: 1 hour

Time	Session Content	Learners
10 min	<p>Importance of corals reefs to humanity</p> <ul style="list-style-type: none"> ▪ Enumerate the reasons why coral reefs are very important to the world, to the Indonesian government, and to them. 	<ul style="list-style-type: none"> ▪ Understand the importance of coral reefs to their subsistence, survival, and protection
5 min	<p>Present status of Indonesian reef resources</p> <ul style="list-style-type: none"> ▪ Illustrate and explain the extent of degradation of coral reefs around the world, Southeast Asia, and finally Indonesia in particular. ▪ For training in Bali, explain the strategic position of Bali and why it specially should be preserved. 	<ul style="list-style-type: none"> ▪ View the hotspots on the map of Indonesia and ask questions as needed. ▪ Discuss personal observations on the correlation between reef damage and fish catch.
10 min	<p>Causes of destruction</p> <ul style="list-style-type: none"> ▪ Enumerate the causes of serious declines in coral reef health. 	<ul style="list-style-type: none"> ▪ Ask questions as needed.
	<p>Destructive fishing practices and their effects on coral reefs</p> <ul style="list-style-type: none"> ▪ Describe the fishing practices that have contributed to the destruction on coral reefs. ▪ Give other situational examples and common local practices and habits that contribute to the damage of Indonesian reef resources. Choose examples to which the fisherman can relate. ▪ Remember the 1998 mass bleaching and the sea turtle issue in Bali. 	<ul style="list-style-type: none"> ▪ Discuss personal experiences and how they may or may not have contributed to the present condition of their reefs.

10 min	<p>What happens when reefs continue to be destroyed and marine life wasted?</p> <ul style="list-style-type: none"> ▪ Conclude the session with the realization that any threat to coral reefs, regardless of its source, is a threat to the marine ornamental fish industry. 	<ul style="list-style-type: none"> ▪ Realize that saving the reefs will also ensure livelihood of fishermen. ▪ Ask questions as needed.
10 min	<p>Government regulations implemented to stop further degradation of our coral reefs and marine life.</p> <ul style="list-style-type: none"> ▪ Enumerate with the help of visuals the Fisheries Code in connection to the marine ornamentals collection and trade. 	<ul style="list-style-type: none"> ▪ Be aware of the Laws of Indonesia in so far as participants' livelihoods are concerned. ▪ Understand that the government has implemented regulations with just cause. ▪ Ask questions as needed.