



Budidaya Karang

Konservasi dan Komersialisasi

Diah Permata Wijayanti



BUDIDAYA KARANG

Konservasi dan Komersialisasi

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Kata Pengantar ...

Puji syukur Penulis panjatkan ke hadirat Allah SWT yang telah menciptakan alam semesta ini dengan segala keteraturan dan kebermanfaatannya.

Indonesia negara yang beruntung karena dikaruniai posisi yang luar biasa di muka bumi, memiliki wilayah terumbu karang yang amat luas. Keindahan karang terumbu yang berasal dari kawasan terumbu Indonesia juga amat terkenal. Indonesia merupakan pemasok kebutuhan karang hias yang terkenal di dunia. Tak kurang dari 91% kebutuhan karang hias dunia, dipenuhi ekspor dari Indonesia. Sayangnya, sebagian besar karang hias yang diekspor merupakan hasil tangkapan alam. Jika pun berasal dari budidaya, masih terbatas jumlahnya. Padahal karang hasil budidaya dihargai lebih tinggi di pasar dunia dari pada karang hasil tangkapan alam. Apalagi saat ini telah diberlakukan label ramah lingkungan pada produk-produk yang diatur oleh CITES

(Convention on International Trade in Endangered species of Wild Fauna and Flora) membuat upaya budidaya karang sudah seharusnya dimulai sejak sekarang.

Penulisan buku berjudul *BUDIDAYA KARANG : Konservasi dan Komersialisasi* adalah salah satu langkah awal untuk membantu mewujudkan pemanfaatan sumber daya laut secara lestari. Penulisan buku ini bertujuan untuk menyajikan informasi yang berkaitan dengan pengembangan budidaya karang di Indonesia yang belum banyak disentuh. Diharapkan dengan terbitnya buku ini, dapat membantu pengembangan kegiatan usaha budidaya karang yang memang sudah seharusnya berkembang di Indonesia. Sebagai pemilik 18% dari total kawasan terumbu dunia, Indonesia dikenal sebagai pusat kekayaan hayati terumbu.

Buku juga dapat dimanfaatkan sebagai acuan belajar mahasiswa yang mengambil mata kuliah yang membahas ekosistem terumbu karang dalam pokok ajarannya. Mahasiswa S1 maupun pasca sarjana yang mengambil mata kuliah-mata kuliah seperti Koralogi, Avertebrata Laut, Penangkaran dan Restocking, Keanekaragaman Hayati Laut, Konservasi Sumber Daya Laut, Eksplorasi dan Eksploitasi Sumber Daya Laut, Ekologi Fungsi Ekosistem dapat memanfaatkan buku ini sebagai referensi atau sumber pengayaan bacaan. Namun buku ini juga tidak dimaksudkan untuk mengurangi kreativitas mahasiswa untuk menemukan sumber-sumber pengetahuan lain yang dapat digalinya secara mandiri.

Melihat kecenderungan pasar yang semakin baik maka pada tahun-tahun mendatang usaha budidaya karang memiliki prospek yang menjanjikan. Dengan pengenalan dan pelatihan teknik penanaman karang maka akan diperoleh tiga manfaat sekaligus yaitu konservasi terumbu karang tetap berjalan, perintisan bisnis untuk meningkatkan ekonomi masyarakat pesisir dan juga hobi memelihara terumbu

karang juga berjalan terus. Sudah saatnya peran lebih nyata dilakukan untuk memperbaiki kualitas ekosistem terumbu kita, jika kita ingin terus menyaksikan keindahannya dan memetik manfaatnya untuk anak cucu kita kelak.

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Tentang Penulis



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Budidaya Karang

Konservasi dan Komersialisasi

Sebagai pemilik 18% dari total kawasan terumbu dunia, Indonesia dikenal sebagai pusat kekayaan hayati terumbu. Indonesia merupakan pemasok kebutuhan karang hias yang terkenal di dunia. Tak kurang dari 91% kebutuhan karang hias

dunia, dipenuhi ekspor dari Indonesia. Mayoritas karang hias yang dimaksud merupakan hasil dari tangkapan alam. Jika pun berasal dari budidaya, masih terbatas jumlahnya. Padahal karang hasil budidaya dihargai lebih tinggi di pasar dunia dari pada karang hasil tangkapan alam. Apalagi Convention on International Trade in Endangered species of Wild Fauna and Flora (CITES) telah mengatur dan memberlakukan label ramah lingkungan.

Buku ini merupakan salah satu upaya untuk mewujudkan pemanfaatan sumber daya laut secara lestari yang dimaksud. Buku yang sarat informasi berkaitan dengan pengembangan budidaya karang di Indonesia yang belum banyak disentuh. Terbitnya buku ini diharapkan dapat membantu pengembangan kegiatan usaha budidaya karang yang memang sudah seharusnya berkembang di Indonesia. Dalam dunia kampus, buku ini dapat dijadikan sebagai bacaan utama atau penunjang untuk mata kuliah Koralogi, Avertebrata Laut, Penangkaran dan Restocking, Keanekaragaman Hayati Laut, Konservasi Sumber Daya Laut, Eksplorasi dan Eksploitasi Sumber Daya Laut, dan Ekologi Fungsi Ekosistem.



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