

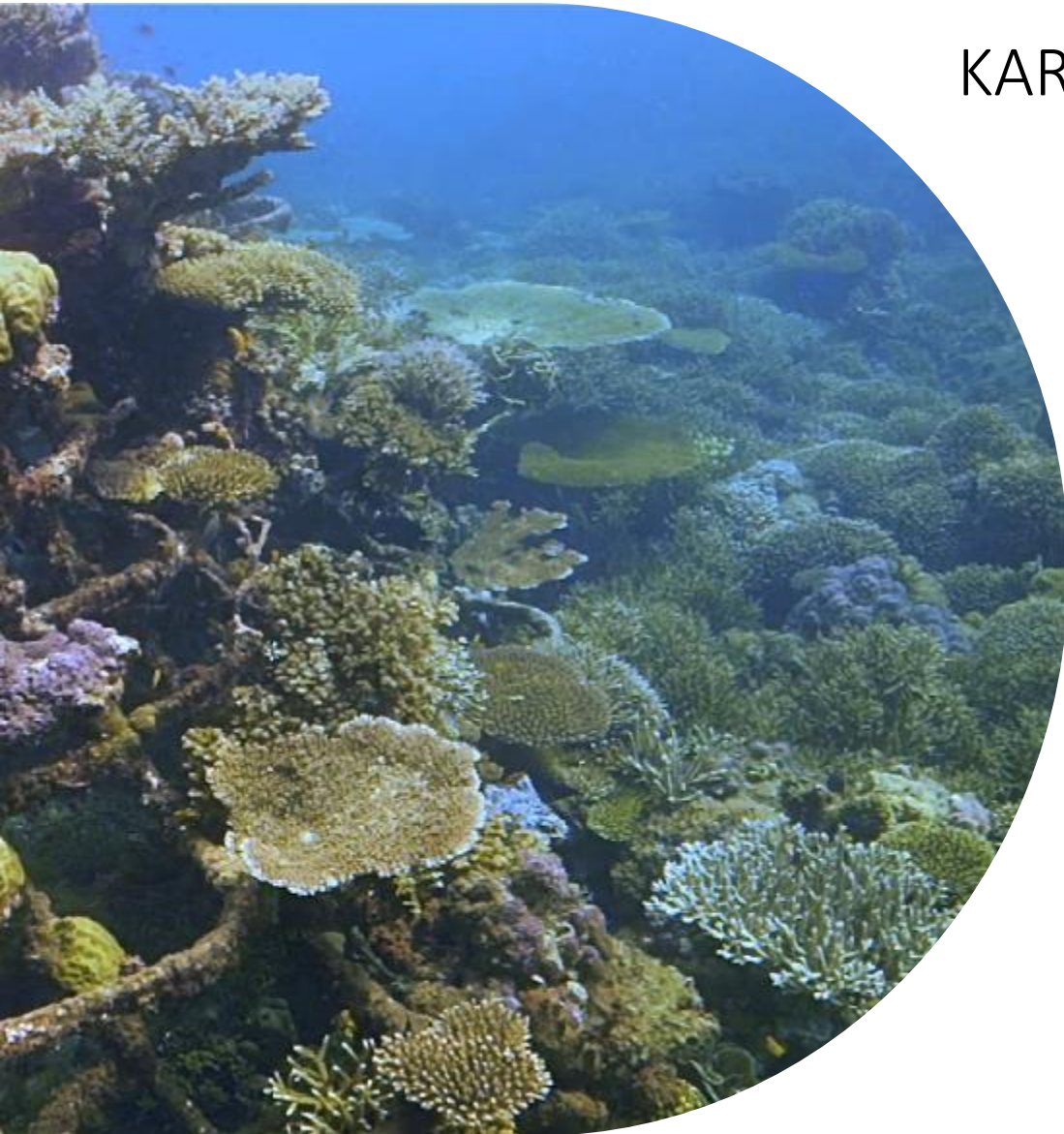


Karang Lestari Foundation

Hello!

It's a wonderful opportunity
to meet

You!



KARANG LESTARI FOUNDATION PROFILE

Yayasan Karang Lestari (Yayasan means Foundation, Karang means coral, and Lestari means protected in Bahasa Indonesia) has worked focusing on cutting edge coral reef research and management. Together with **Biorock® Indonesia** experts and also scientific advisor and the co inventor of Biorock® method, we are developing applications for coral reef restoration working directly with local community to grow back their reefs.

Our mission

Encourage community awareness and participative attitude, Empowering vulnerable to become independent, contributing, and responsible members of society

THE FOUNDATION BOARD

Founder :

I Gusti Agung Prana

Chairman of the Foundation :

I Gusti Agung Bagus Mantra

Executive Board:

I Gede Ardika

Dewa Made Beratha

Randall Dale Dodge

Michael J.H. Cortenbach



Award and Achievements



- May 2002: KONAS AWARD: BEST COASTAL MANAGEMENT PROJECT in the country awarded by the National Coastal Zone Management Conference.
- Nov 2002: BEST UNDERWATER WATER ECOTOURISM PROJECT in the world awarded by SKAL International (the world's largest tourism and travel organization)
- May 2003: UNITED NATIONS SASAKAWA ENVIRONMENTAL PRIZE NOMINATION Given to I Gusti Agung Prana, Balinese conservationist and eco-tourism expert.
- May 2004: KALPATARU ADIPURA AWARD, Indonesia's Most Prestigious Environmental Award, presented by the PRESIDENT OF INDONESIA in Jakarta to the village chief.
- Jan 2005: ASEANTA's AWARD FOR EXCELLENCE FOR BEST CONSERVATION EFFORT Awarded by the Deputy Prime Minister of Malaysia.
- April 2005: PATA's GOLD AWARD FOR BEST ENVIRONMENTAL PROJCT 2005 Awarded by Pacific Asia Travel Association in Macau.

Award and Achievements



- Oct 2011 : Tri Hita Karana Award (Foundation) and Tri Hita Karana Award (Personal)
- Dec 2011 : International Social Entrepreneurship
- June 2012: Sustainable Tourism Development, from Ministry of Tourism
- United Nations Development Program Special Award for Marine and Coastal Zone Management
- UNDP Equator Award for Community Based Development
- Presented at the United Nations Conference on Sustainable Development, in June 2012.
- Aug 2013 : Best Tourism Practisioners Award of local gouverment north bali
- Aug 2013 : Labda Kriya Award, From Indonesian Science and Technology Minister
- Sept 2015 : 2nd Runner up of UN World Tourism Organization Awards

THE EXPERTS of Biorock® Indonesia



Prawita Tasya Karissa is The National Coordinator who manage and coordinates all team and projects of Biorock® in Indonesia. She involved for the first time in 2004 then conduct Biorock Application research to Pearl Oyster Juvenile in 2006 and presented the result in Society Ecological Restoration in Merida, Mexico. Her research published in book “Innovative Method of Marine Restoration”. In 2014 She lead the team to build pilot project of Community Based Reef Restoration Halong Village, Ambon, Maluku. Now she is leading new project survey and socio economic approach of community based project.



Komang Astika has more than 15 years of experience as the first Indonesian received hands on training from Dr. Thomas J. Goreau. He is now the expert of community based reef restoration, which built Biorock® and train local team in dozens of sites across Indonesia. He work as the Project Manager of Pemuteran Site and at the same time managing his own accommodation, Biorock Homestay. As PADI and SSI Dive Instructor he teach SCUBA to students from all around the world who would like to visit the Village of Pemuteran, the Place where Biorock is start applied in Indonesia.



Piet Paulus Prong is a son of fishermen in North Sulawesi grew up with the issue of destructive fishing and effort of reef protection. He learnt Biorock® to address the issue of Reef Destruction and Eroded beach in Gangga Island, the place where he works as Dive Center Manager and SCUBA Diving Instructor. Now He is the expert of Shoreline Protection for Eroded beach which able to stop erosion and grow back the sand in just few months after installed.



Ramadian Bachtiar was the first Indonesian student in undertake Biorock® as bachelor thesis in Pemuteran, then conduct other Biorock® research in Pramuka Island, Seribu Islands, Jakarta, together with Beginer Subhan and Dr. Hawis Madduppa. Now he assist other organization in setting up the Biorock® project in Wakatobi and Pelangi Island, Seribu Islands. His other expertise is photojournalist and film production with leading national and international clients. At the moment he also prepared to continue his study on doctoral degree.



- **Beginer Subhan** start involved in Biorock in 2004 then together with Ramadian Bachtiar and Dr. Hawis Madduppa they conduct research with Biorock® in Pramuka Island, Seribu Islands. Currently he is one of expert of Coral Reef in Indonesia. He wrote book about coral reef identification in several location in Indonesia and one of the Coral Finder Instructor, the easy method to identify coral genus. He is a lecturer and head of Laboratory of Marine Science in IPB, Bogor, West Java.



- **Dr. Hawis Madduppa** start involved in Biorock in 2004 then together with Ramadian Bachtiar and Beginer Subhan they conduct research with Biorock® in Pramuka Island, Seribu Islands. He is one of the experts of coral and marine organism genetics, and already published a lot of scientific papers and journals. He is a lecturer and head of collaboration affair in Marine Science in IPB, Bogor, West Java.



Dr. Thomas J. Goreau is the co-inventor of Biorock® Method, also known as Mineral Accretion, a technology using low voltage electrolysis with benefit of promote growth of coral reef and other calcium producing marine organism. He has directly train and install Biorock® application in more than 14 countries in the world.

Dr. Goreau currently responsible as President of Global Coral Reef Alliance, President of Biorock Technology Inc., Coordinator of Soil Carbon Alliance, and Coordinator, United Nations Commission on Sustainable Development Small Island Developing States Partnership in New Sustainable Technologies

With Karang Lestari Foundation and Biorock® Indonesia, Dr. Goreau is the scientific advisor for Biorock Application Projects in Indonesia.

An underwater photograph showing four divers working on a coral reef. The divers are wearing black wetsuits and blue BCDs. They are positioned around a large, brown, branching coral structure. The water is clear blue. In the foreground, there is a large, yellow, branching coral. The text 'KARANG LESTARI FOUNDATION' is overlaid in a white box at the top right.

KARANG LESTARI FOUNDATION

WORKS

Donor: *Taman Sari Bali Resort & Spa*
Community Based Reef Restoration
Pemuteran, Bali





Donor: *PT. Pertamina (Persero)*
Reef Restoration Pilot Project
Halong, Ambon, Maluku



Donor: *LOTUS Hotels*
Shore Protection
Gangga Island, North Sulawesi



Donor: *PUR Projet*
Community Based Reef Restoration
Pejarakan Village, Bali





Donor: *ANTAM*
Biorock® Introduction
Buli, Halmahera



Donor: *PT. ITCI*
Survey: Mangrove Restoration Research
Balikpapan Bay, East Kalimantan



Recommendation

“I've just come back from Pejarakan where I dived on the Biorock reef - it's growing really well! The metal is already completely covered in limestone with the corals fused to the structures. And plenty of fish have returned too! A puffer fish seems to have chosen the artificial reef as a new home :) “

- Emilia d'Avack, PUR Projet Project Coordinator

“It's great to see that after a year Biorock installed in Ambon is working and the corals are surviving. I saw a lot of interesting objects for macro photography too. I think Biorock Ambon project could be developed for diver short stop for photography purpose “

- Medianto Tjatur H, Former PT. Pertamina (Persero) CSR Manager

Recommendation

“Having looked at the video of Gangga project, It makes us feel proud and grateful that Lotus Hotel has the opportunity to work with you“

Peter, GM Lotus Hotel in Gangga Island

“We always want to apply Biorock® but our knowledge is still less. That is why we interesting to join in the training.”

Mohammad Asril, Former ANTAM Buli HSE Manager



“Join us in
Restoring the
Beauty of
Coral Reef
in Indonesia”

Thank You!

See you soon

An underwater photograph of a large, weathered stone statue, likely a Hindu deity, standing amidst a vibrant coral reef. The statue is covered in coral and marine life. The water is clear blue, and several small fish are visible swimming around the statue and coral.

Karang Lestari Foundation

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