

Scanner for Whale Sharks Thursday, January 15, 2015

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Posted by admin on 19 January 2015

A scanning and marking instrument for marine biota called OCEANTAG has been transferred from the Head of the Laboratory of Marine Biodiversity and Biosistematika of the Department of Marine Science and Technology, Faculty of Fisheries and Marine Sciences (ITK FPIK) IPB, Dr. Hawis Madduppa to the World Wildlife Fund (WWF) of Indonesia represented Beny A Noor, S. Hut. This scanner is one of the results of the research collaboration between ITK-IPB and WWF Indonesia on Whale Sharks in the Cendrawasih Gulf.

Further, this collaboration results in several scientific papers on the Bio-Ecology and Population Genetics of Whale Sharks in Cendrawasih Gulf of Paradise. It also involves the University of Papua, National Park of Cendrawasih Gulf, and Kalilemon Resort.

"OCEANTAG is one manifestation of the marine technology independence, one of the mission of the Department of Marine Sciences and Technology IPB," said one of the researchers, Beginer Subhan, M.Sc.

OCEANTAG, which has been handed over to the WWF Indonesia, uses RFID technology and is the latest version after the trial at Cendrawasih Gulf in mid-2014.

"Some hardware such as GPS and temperature sensors has been added." says Dr. Hawis Madduppa "The other thing is the smaller-size marking chip that can be easily inserted into the skin of whale sharks." he added.

The development of this tool combines two divisions of ITK-IPB, namely Sea Hydro-biology and Marine Acoustics and Instrumentation. IPB's research team for this instrument consists of Dr. Hawis Madduppa, Dr. Totok H, Mahardika R Hima S.Ik and Diwa Perkasa, S.Ik, Beginer Subhan, M.Si and Dondy Arafat, M.Si. (Mtd)