

*Curriculum Vitae*  
**Putu Liza Kusuma Mustika, MSc.**

**Contact in Australia:**

*Office*

School of Earth and Environmental Sciences  
James Cook University, Townsville 4811 QLD Australia  
Australian office (at the JCU): +61 7 4781 5262  
Australian mobile phone: +61 411 074 895

*Residence*

3 Irving Street, Cranbrook 4814 QLD  
Australian home phone: +61 7 4728 3531

**Contact in Indonesia:**

Jl. Raya Padang Luwih 125 Dalung - Kuta Bali 80361 Indonesia  
Indonesian home phone: +62 361 781 3377, +62 361 423079  
Indonesian mobile phone: +62 815 588 57547

Email: [putu.liza@jcu.edu.au](mailto:putu.liza@jcu.edu.au) , [putuliza@yahoo.com](mailto:putuliza@yahoo.com)

**I. PROFILE:**

I am a PhD candidate for marine mammal management at the School of Tropical Environmental Studies and Geography, James Cook University, Townsville, Queensland – Australia. I received funding for my PhD from Australian Leadership Award Scholarship (under AUSAID) on October 3<sup>rd</sup> 2006, and I was one of the first scholars to receive this award. My PhD project is ‘Towards sustainable dolphin-watching tourism in Bali, Indonesia’ and I am working under the supervisions of Prof. Helene Marsh and Dr. Alastair Birtles.

Prior to commencing my candidature, I conducted and finished a masters project titled “Marine mammals in Savu Sea (Indonesia): Indigenous knowledge, threat analysis and management options”, under the supervision of Prof. Helene Marsh, Dr. Alison Cottrell and Dr. Ivan Lawler, also of the James Cook University. My head of school, Prof. Peter Valentine, has granted me my masters award on October 19 2006.

Throughout year 2006, I helped several organizations with their projects, the last one to be WWF International’s workshop in Bali (see three sections below). Name and address of referees from organizations I worked with in Indonesia is attached. In mid November 2006, I was appointed as the cetacean resource person for the ‘Endangered, Charismatic, and Migratory Species’ Sub Committee of the Sulu-Sulawesi Marine Ecoregion (SSME) working scheme, which involves the three countries of Indonesia, Malaysia, and the Philippines.

Prior to enrolling at the James Cook University in 2003, I worked with WWF Indonesia Wallacea Program - Sea Turtle Campaign Team as the communication officer in 1997-2003. In July 1997 I was graduated from the School of Marine Science, Faculty of Fisheries and Marine Affairs, Bogor Agricultural University. My undergraduate research was about the aggregation of reef fishes on artificial reefs in Seribu Island, Jakarta - Indonesia. Back in 1995, as a university student I once joint SeaWorld Indonesia on their voluntary program. I

also did a small research on the behaviour of sea turtles in captivity pond in SeaWorld Indonesia.

I am a fluent bilingual translator (Indonesia-English and vice versa), and during the last United Nations Framework Convention on Climate Change (UNFCCC) conference in Bali (December 2007), I assisted Conservation International as the simultaneous translator for Indonesia's President Susilo Bambang Yudhoyono during one of the events. I am also a certified diver, and familiar in working with people from communication and graphic design industries. I am well versed in the making process of natural video documentary, communication products, and also designing informal extensions to schools, especially using indigenous arts as the tool. I'm also experienced in organizing several workshops and conferences such as the National Marine Conference in Bali in 2002, the 11<sup>th</sup> Biennial Conference of the International Association for the Study of Common Property in Bali (June 2006), and WWF meeting on Management Effectiveness Tracking Tool (METT) in Bali (December 2006). I usually do creative writings during my leisure time, one of them of which had won the Indonesian writing contest conducted by Indonesian students at the Australian National University.

## **II. EDUCATION AND TRAINING:**

- February 2007 –  
August 2010: James Cook University, School of Earth and Environmental Sciences, PhD program (Prof. Helene Marsh and Dr. Alastair Birtles)
- July 2005: Minke whale research program at the northern section of Great Barrier Reef, Queensland, Australia (under the supervision of Dr. Alastair Birtles and the late Dr. Peter Arnold)
- July 2003 –  
November 2005: James Cook University, School of Tropical Environment Studies and Geography, masters program by research (under the supervision of Prof. Helene Marsh, Dr. Alison Cottrell and Dr. Ivan Lawler)
- October 2002: Whale survey in Timor Sea Indonesia, under the supervision of Dr. Lindsay Porter (WWF Hong Kong) and Dr. Louise Chilver (University of Canterbury – New Zealand)
- March 2002: Training on Biology and Conservation of Sea Turtles by Dr. Colin J. Limpus at Sangalaki Island, East Kalimantan Indonesia
- July 1997: Graduated from the School of Marine Science, Faculty of Fisheries and Marine Affairs, Bogor Agricultural University, best graduate of 3<sup>rd</sup> season of 1997
- December 15<sup>th</sup>-23<sup>rd</sup> 1995 : Trainee on the coral reef and reef fish assessment done by LIPI (Indonesian Science Association)
- 1993 - 1994: Trainee on scientific scuba diving training done by the Fisheries Diving Club, Faculty of Fisheries and Marine Affairs, Bogor Agricultural University

### **III. SKILLS:**

- Scientific diving (Scuba Diver 2 : reg. number 2010283.A2 - CMAS affiliation) since 1995
- On-land photography
- Bilingual translation and interpretation (English-Indonesia and vice versa)
- Small boat handling - Australian boat licence
- Designing and publishing communication materials and outreach (video, book, brochures, educational games, etc)
- Exhibition and event organizer of environmental education events, fundraisings, workshops, and conferences

### **IV. PROJECTS, RESEARCH, WORK EXPERIENCE, SEMINAR:**

December 2007:

Assisting Conservation International in a national meeting on the support of religious leaders in climate change mitigation and adaptation strategies, Bali, 3-14 Dec 2007.

October 2007 – January 2008:

‘Towards Sustainable Dolphin-Watching Tourism in Bali, Indonesia’. PhD project with James Cook University.

November – December 2006:

Assisting WWF International Forest Program for the Management Effectiveness Tracking Tool (METT) meeting in Bali, 13-15 Dec 2006

November 2006:

Appointed as the cetacean resource person for the ‘Endangered, Charismatic, and Migratory Species’ Sub Committee of the Sulu-Sulawesi Marine Ecoregion (SSME) working scheme of the three countries of Indonesia, Malaysia, and the Philippines

October – November 2006:

Assisting the translation of several reports of Bali-based Marine Aquarium Council for marine aquarium trade

July 2006 – October 2006:

Assisting sea turtle DNA project in Derawan (East Kalimantan) and Raja Ampat (Papua) by Conservation International Indonesia Program as documentor

July 2006 – November 2006:

Establishing a marine megafauna monitoring program in Bali with Reef Check Indonesia and marine tourism sectors in Bali

June 2006 – July 2006:

Compiling report of an aquarium fish project in Riung, East Nusa Tenggara, by WWF Indonesia

April 2006:

Bilingual translator (English-Indonesia-English) at the CITES training workshop held by TRAFFIC South East Asia, 20-21 and 24-25 April 2006

- February 2006:  
Bilingual translator (English-Indonesia-English) at the Humphead Wrasse workshop held by TRAFFIC South East Asia, 14-15 February 2006
- January 2006 – June 2006:  
Local coordinator for the Global Conference on Common Property to be held in Ubud (Bali) in June 2006 by the International Association on the Study of Common Property (IASCP)
- December 2005:  
Cetacean survey in Savu Sea, East Nusa Tenggara, Indonesia (in cooperation with the Indonesian Ministry of Marine Affairs and Fisheries (MMAF))
- November 2005:  
Presenting a paper on lessons learned from Savu Sea to be implemented in Timor Sea at the Pacem in Maribus XXXI Conference in Townsville, Australia
- October 2005:  
Presenting the result of my masters project at the Great Barrier Reef Marine Park Authority (GBRMPA), Townsville, Australia
- November 2004:  
Presenting the result of my masters project at the Knowledge Marketplace Discussion at the 3<sup>rd</sup> World Conservation Forum of IUCN in Bangkok, Thailand.
- August 2004:  
Cetacean survey in the vicinity of Lembata Island, East Nusa Tenggara, Indonesia (in cooperation with the Indonesian Ministry of Marine Affairs and Fisheries (MMAF))
- May to December 2004:  
Research on traditional whale hunting and marine mammal management in Savu Sea, East Nusa Tenggara, Indonesia (for masters project)
- March 2003:  
Presenting an oral presentation at the 22<sup>nd</sup> International Sea Turtle Symposium in Kuala Lumpur, Malaysia.
- January – May 2002:  
Public relation officer of the Third National Marine Conference in Bali on May 21<sup>st</sup>-24<sup>th</sup> 2002.
- March – April 2002:  
Organizing a Tri-National Training and Workshop on Biology and Conservation of Sea Turtles in East Kalimantan. A collaboration of three WWF countries (Indonesia, Malaysia, and the Philippines) under the SSME (Sulu Sulawesi Marine Ecoregion) Program.
- January 2001 – June 2003:  
Turtle communication officer WWF Indonesia Wallacea Program. Responsible in developing communication strategies of turtle campaign in the region

September 2001:

Assist the organizing of educational and environmental exhibition to commemorate the Anniversary of Berau Region (central of turtle egg trade in East Kalimantan)

February 2001:

Attended the 21<sup>st</sup> International Sea Turtle Symposium in Philadelphia, US.  
Contributed as a poster presenter.

February 2001:

Being the scientific witness of the first trial of turtle traders in Bali (and Indonesia as well). The trial managed to convict both the trader and the boat captain guilty and sent them to jail. Though the trader managed to escape, this is still the first successful trial of turtle trade in Indonesia.

October 3<sup>rd</sup> 2000:

Being a speaker in a workshop on sustainable sea turtle habitat management in southern West Java, organized by Alami Foundation and WWF Wallacea.

May 1999:

Together with two local NGOs in Bali (Environmental Education Center and Wisnu Foundation), developed an educational game called Bali Enviro Game. (see communicational products)

January 1999 - December 2000:

'Friends of Sea Turtle' Strategy Leader of WWF Indonesia Wallacea Program.  
Responsible in developing strategies to reduce turtle meat and egg consumption within Wallacea region

August 1998:

Organized a meeting on The Use of Sea Turtles in Religious and Adat Ceremonies in Bali, attended by two Hindu high priests and two Hindu theologists in Denpasar.

September 1997 – January 2001:

Field officer of the Bali-based WWF Indonesia Sea Turtle Program

September - November 1996:

Scientific diving expedition with Fisheries Diving Club of Bogor Agricultural University in Riung, Flores - Indonesia

August-September 1996:

Field work and volunteer on SeaWorld Indonesia (Jakarta) at the curatorial and educational departments.

## **VI. PUBLICATIONS AND PAPERS**

Mustika, P.L.K., Pariama Hutasoit, Cecilia Cicik Madusari, Februanty S. Purnomo, Adityo Setiawan, Katherina Tjandra, and Walesa Edho Prabowo. 2009. 'Whale strandings in Indonesia, including the first records of a humpback whale (*Megaptera novaeangliae*) in the Archipelago'. *The Raffles Bulletin of Zoology*. Vol. 57. Issue 1. pp. 193-200. Singapore.

Mustika, P.L.K. and Hira Jhamtani. 2006. 'Mudflows in East Java - a corporate-made catastrophe.' *Journal of Third World Resurgence* #196. Penang.

- Mustika, P.L.K. 2006. *Traditional Cetacean Hunting in Lamalera and its Challenging Future*. Paper presented at the 11<sup>th</sup> Biennial Conference of the International Association for the Study of Common Property. June 20, 2006. Ubud, Bali.
- Mustika, P.L.K. 2005. *Linking the Two Seas: Lessons learned from Savu Sea (Indonesia) for marine mammal conservation in Timor Sea*. Paper presented at the Pacem in Maribus XXXI Conference. November 3, 2005. Townsville.
- Mustika, P.L.K., Windia Adnyana, and Ketut Sarjana Putra. 2001. *Turtle Campaign Progress WWF Indonesia Wallacea Program*. Paper presented at the 21<sup>st</sup> International Sea Turtle Symposium. February 22<sup>nd</sup>-28<sup>th</sup> 2001. Philadelphia.
- Mustika, P.L.K. 2000. *Friends of Sea Turtles : Persuasive Campaign of WWF Wallacea to reduce turtle consumption in Indonesia*. Paper presented at the Workshop on Sustainable Sea Turtle Habitat Management in Southern West Java, organized by Alami Foundation and WWF Wallacea. October 2<sup>nd</sup>-4<sup>th</sup> 2000. Cimande. West Java.
- Mustika, P.L.K. 1997. *Biodiversity and Affinity of Artificial Reef Community in Satu Island, Genteng Island, and Pari Island, Seribu Archipelago, Jakarta Bay*. Undergraduate Thesis. School of Marine Science. Faculty of Fisheries and Marine Affairs. Bogor Agricultural University.
- Fisheries Diving Club. 1997. *Ecocharacteristic of Coral Reef Ecosystem in Tujuhbelas Pulau Marine Park, Riung, Ngada, Flores, Nusa Tenggara Timur*. Scientific report. Co-writer. The 4<sup>th</sup> Zooxanthellae Expedition. Faculty of Fisheries and Marine Affairs. Bogor Agricultural University.
- Mustika, P.L.K. 1996. *Monitoring of Nurturing System and Behavior of Green Turtles (Chelonia mydas) and Hawksbill Turtles (Eretmochelys imbricata) in Touch Pools of SeaWorld Indonesia, Ancol, Jakarta*. Fieldwork Report. School of Marine Science. Faculty of Fisheries and Marine Affairs. Bogor Agricultural University.
- Fisheries Diving Club. 1997. *Tujuhbelas Pulau Marine Park, Pearls from Riung, Flores, Nusa Tenggara Timur*. Tourist guide booklet. Co-writer. Published in cooperation with PT Telkom Indonesia.

## VII. COMMUNICATION PRODUCTS

- Liza, Putu. 2006. *Antheia*. In 'Satu Pertanyaan Dari Selatan: Kumpulan Cerpen Berlatar Australia (A Question from the South: An Anthology of Australia-based Short Fictions)'. Bentang. Yogyakarta.
- Tujuh Belas Pulau Marine Park: Pearls of the East. 1996. Fisheries Diving Club. Bogor Agricultural University.  
Exploring the coral reef and coastal resources of a remote marine park in Flores Island, which is now becoming an important marine tourism destination facilitated by WWF among others.
- Bali Enviro Game, 1999.  
The monopoly-like game was designed for children of secondary and high school. Aimed to trigger their wider analysis of environmental issues and raising their environmental awareness, the game was distributed for free throughout Indonesia.

Let's Be Friends of Sea Turtles. Table Calendar 2001.

Contain drawings of elementary school children in Denpasar Bali and facts on sea turtles and its conservation efforts. Distributed throughout Indonesia and some WWF Family offices.

Bedawang Nala : Turtle Guardians of Life on Earth. 2002.

Exploring the traditional values of sea turtle in Hinduism and Balinese society, including quotes of some Hindu high priests in Bali.

## VIII. EMPLOYMENT REFERENCE

Dr. Windia Adnyana  
WWF Indonesia  
Sea Turtle Program Manager  
Jl. Raya Puputan Renon 488 Denpasar  
Bali – Indonesia  
Email: [wadnyana@wwf.or.id](mailto:wadnyana@wwf.or.id)  
Mobile: +62 812 382 8010

Ms. Gayatri Lilley  
Marine Aquarium Council  
Director  
Jl. Pangembak 1 Sanur, Denpasar – Bali  
Email: [glilley@indo.net.id](mailto:glilley@indo.net.id)  
Mobile: +62 812 387 9177

Mr. James Compton  
TRAFFIC Asia Pacific  
Regional Director  
Sydney – Australia  
Email: [james.compton@traffic.org](mailto:james.compton@traffic.org)

Ms. Naneng Setiasih  
Reef Check Indonesia  
Director  
Jl. Pangembak 1 Sanur, Denpasar – Bali  
Email: [nsetiasih@reefcheck.org](mailto:nsetiasih@reefcheck.org)  
Mobile: +62 812 381 9220

Mr. Ketut Sarjana Putra  
Conservation International Indonesia  
Marine Director  
Jl. Dr. Muwardi 17 Renon, Denpasar – Bali  
Email: [kputra@conservation.org](mailto:kputra@conservation.org)  
Mobile: +62 812 380 5729

Ms. Liza Higgins-Zogib  
Protected Areas Officer  
PA Initiative, Forests for Life  
WWF International  
Email: [lhiggins-zogib@wwfint.org](mailto:lhiggins-zogib@wwfint.org)  
Tel: +41 22 364 9009