

## Exchange Program for East Asian Young Researchers (2009)

- Support: The Japan Society for the Promotion of Science (JSPS)
- Aim: To create regional cooperation among Asian countries through exchanges of next generation researchers.
- Competitive funds given to selected programs applied by Japanese universities or Institutions.
  (2009 2<sup>nd</sup> term, 29 accepted. 3 biological science)





# An exchange program for ASEAN young researchers aiming at conservation of genetic diversity of mangroves.

- 2 Host Institutions and 5 host researchers:
  - Faculty of Science, Graduate School of Science, Chiba University (Kajita, Takayama, Watano, Asakawa)
  - The Iriomote Station of the Tropical Biosphere Research Center, the University of the Ryukyus (Baba)
- 12 Oversea Partner Institutions (9 countries)
  - Indonesia(3), Malaysia(2), Philippines(1), Thailand(1), Singapore(1), Myanmar(1), Vietnam(1), India(1), Australia(1)
- International Society for Mangrove Ecosystem (ISME) co-organizes the international workshop in Iriomote Island

## 12 invited researchers (7 nationalities) recommended by Oversea Partner Institutions

Bayu Adjie: Bali Botanic Garden, Botanical Garden of Indonesia

**Erwin Riyanto Ardli**: Faculty of Biology, Jenderal Soedirman University, Kampus Biologi **Onrizal**: Forestry Sciences Department, Universitas Sumatera Utara (USU)

**Mohd Nazre Bin Saleh**: Department of Forest Production, Faculty of Forestry, Universiti Putra Malaysia

**Norhaslinda Binti Malekal**: Institute for Tropical Biology and Conservation, Universiti Malaysia Sabah

**Orlex Baylen Yllano**: Graduate Biology Program, College of Arts, Sciences and: Technology, Adventist University of the Philippines

**Sarawood Sungkaew**: Forest Biology Department, Faculty of Forestry, Kasetsart University.

**Wee Kim Shan**: Department of Biological Sciences, National University of Singapore **Ma Khin Khin Soe**: Department of Botany, University of Yangon

Nguyen Xuan Tung: Mangrove Ecosystem Research Centre (MERC), Hanoi National University of Education (HNUE)

Sankararamasubramanian Halasya Meenakshisundaram: Biotechnology Division, M.S.Swaminathan Research Foundation

Severino III Garengo Salmo: Centre for Marine Studies, The University of Queensland

### Other participants

University of the Ryukyus:

Shin Watanabe (Director of the Iriomote Station, TBRC)

Mohammad Basyuni (Indonesia, University of the Ryukyus)

Chiba University:

Tassanai Jaruwattanaphan (Thailand)

Matin Miryeganeh (Iran)

Mohammad Vatanparast (Iran)

Takao Ikahata

Reiko Nagashima

Sayuri Nakata

**Shino Murata** 

Junya Ono

Yoshimi Shinmura

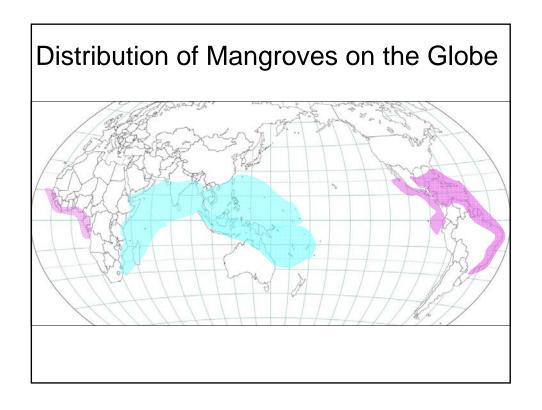
Tsukuba Botanical Gardens

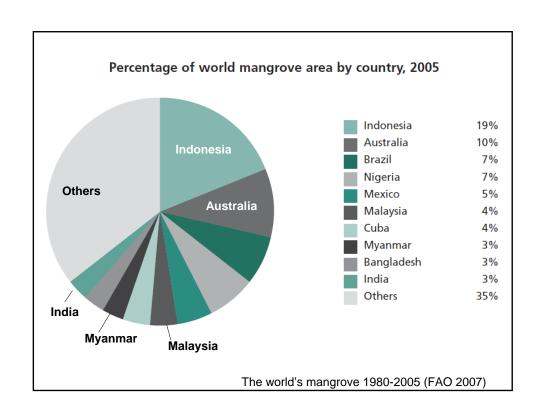
Sadamu Matsumoto

Takashi Matsumoto

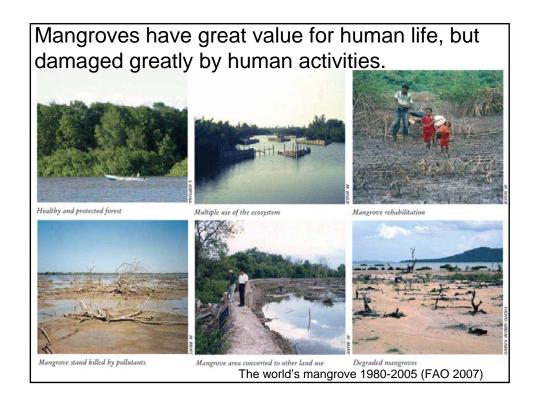


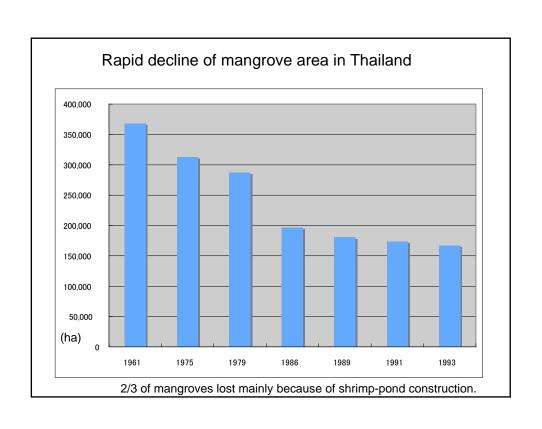


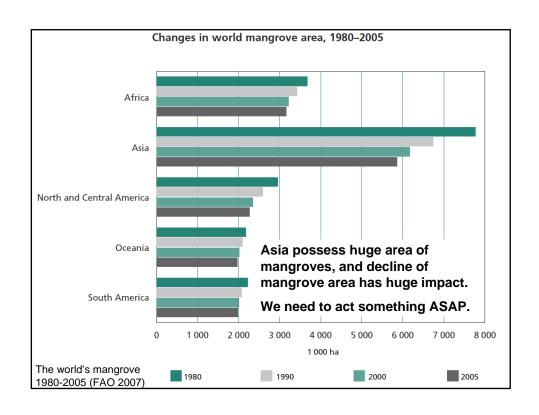




Country	ha	year	Country	ha	year
Indonesia	3,062,300	2003	Iran, Islamic Rep.	19,234	1997
Malaysia	564,971	2005	Brunei Darussalam	18,418	1996
Myanmar	518,646	1999	Sri Lanka	9,530	1996
Bangladesh	476,215	1995	United Arab Emirates	4,000	1999
India	446,100	2003	Oman	1,088	1995
Philippines	247,362	2003	Yemen	927	1993
Thailand	244,085	2000	Japan	800	2005
Pakistan	158,000	2001	Qatar	500	1992
Viet Nam	157,500	2000	Singapore	500	1990
Cambodia	72,835	1997	Bahrain	100	1992
China	22,480	2001	Kuwait	5	2004
Saudi Arabia	20,400	1985	Australia	1,451,411	2005

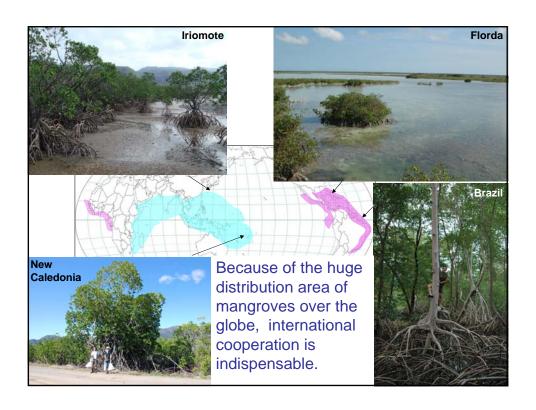


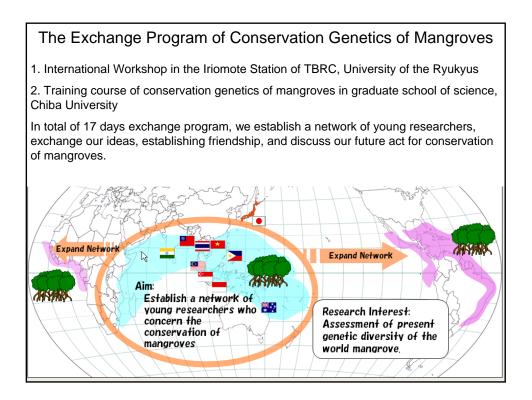




#### **Conservation Genetics**

- The use of genetics to aid in conservation and minimize the risk of extinction.
- Expected contributions for conservations:
  - minimizing inbreeding and loss of genetic diversity
  - identifying populations (or cryptic species) to concern
  - resolving taxonomic uncertainties
  - determining population structure
  - defining management units within species
  - identifying populations and sites for reintroductions
- We can provide important data for conservation of mangroves using molecular markers.





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Program
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16:30: Closing sessions

17:30: Dinner and Mixer

9:10: Opening remarks (Tadashi Kajita, Chiba University, JAPAN) 9:10 - 9:50: Shigeyuki Baba, 40min 9:50 - 10:30: Koji Takayama, 40min 10:30 - 10:45: Coffee Break 10:45 - 11:10: Mohammad Basyuni (25min) 11:10 - 11:25: Orlex B. Yllano (15min) 11:25 - 11:40:Bayu Adjie (15min) 11:40 - 11:55:Wee Shan Kim (15min) 11:55 - 13:30: Lunch 13:30 - 13:45: Sarawood Sangkaew (15min) 13:45 - 14:00: H.M. Shankararamasubramaniam (15min) 14:00 - 14:15: Erwin Riyanto Ardli (15min) 14:15 - 14:30: Nazre Saleh (15min) 14:30 - 14:45: Norhaslinda Binti Malekal (15min) 14:45 - 15:00: Coffee Break 15:00 - 15:15: Onrizal (15min) 15:15 - 15:30: Severino G. Salmo III (15min) 15:30 - 15:45: Khin Khin Soe (15min) 15:45 - 16:00:Nguyen Xuan Tung (15min) 16:00 - 16:30: Discussion

\*Time given to your talk is

including time for questions