

Curriculum Vitae

- 1. Name** : Dokrak MAROD
2. Date of birth : 23 April, 1970
3. Occupation : Associate Professor in the University

Position: Vice Dean for Education

4. Address

Department of Forest Biology, Faculty of Forestry, Kasetsart University, Bangkok, Thailand.

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5. Education

1990-1993 B.Sc.(Forestry) with first class honors, Kasetsart University

1993-1995 M.S (Forest Ecology), Kasetsart University

1998-2001 D.Sci. (Biological Science), Kyoto University, Japan

6. Specific fields: Forest ecology, wetland ecology, Biodiversity conservation

7. Field training

- 2011 Visiting Professor at ASAFAS from February – April 2011. Kyoto University, Kyoto, Japan.
- 2010 Thailand delegation in Tenth Ordinary Meeting of the Conference of the Parties to the Convention on Biological Diversity, Nagoya, Japan.
- 2006 Thailand delegation in Eighth Ordinary Meeting of the Conference of the Parties to the Convention on Biological Diversity, Brazil
- 2004 IUFRO International Workshop on Landscape Ecology 2004, Conservation and Management of Fragmented Forest Landscapes October 25-28, 2004 , Tsukuba , Ibaraki, Japan.
- 2003 Short Term Training on Biodiversity Research and Conservation Planning, 23-27 January 2004, Trees, CFNR, UPLB, Phillipines
- 2000 Current Problems and Methodological Advances in Forest Dynamics Research in Austria and Thailand, Forest Ecology Institute, Austria.

8. Research activities

- 2011-2014 Head researcher: Project of Tropical Forest Ecosystems Values and Services: Mae Klong Head Watershed Area, Kanchanaburi Province (National Research Council of Thailand, NRCT)
- 2010-2013 Head researcher: Project of the Effect of Landuse change on Biological Diversity of Hill Evergreen Forest at Doi Suthep-Pui, Chiang Mai Province. (Kasetsart University Research and Development Institute, KURDI)
- 2010-2011 Head researcher: Project of Monitoring and Status Analysis of Biodiversity in Hotspot Areas; Utharadit, Phrae, Nan and Phayaoaw province. (Office of Natural Resources and Environmental Policy, ONEP) .
- 2009-2010 Head researcher of project research on “Forest structure and Dynamics of Hill Evergreen Forest at Doi Suthep-Pui, Chiangmai province” (Forest Research Center, KUFF)
- 2008-2009 Co-researcher of “Survey and Database management on biodiversity in the Hotspot areas; Ranong, Krabi, Phang Nga and Phuket province, Thailand”. Office of Natural Resources and Environmental Policy.
- 2008-2010 Head researcher of project research on “Tropical seasonal forest ecosystems and dynamics at Sakaerat Biosphere Reserve, Nakhon Rachasrima province. Kasetsart University Research and Development Institute. Bangkok.
- 2008–2013 Head researcher of project research on “ The influences of gregarious flowering bamboo on mixed deciduous forest dynamics”. Joint project between Faculty of Forestry, Kasetsart University, Thailand and Forestry and Forest Product Research Institute, Tsukuba, Japan.
- 1989–2009 Co-researcher on Joint Project between Thai and Japanese government for ecological long-term study in the title of “The Changes of Tropical Forests and Their Influence” at Mae Klong Watershed Research Station, Kanchanaburi Province, Thailand.
- 2006-2007 Head researcher of “Survey and Database management on biodiversity in the Hotspot areas; Choemporn-Suratthani province, Thailand”
- 2004-2005 Head researcher of “Survey and Database management on biodiversity in the Hotspot areas; Phetchaboon-Phitsanulok province, Thailand”
- 2002-2009 Head project of “The dynamics of mixed deciduous forest after bamboo flowering” at Mae Klong Watershed Research Station, Kanchanaburi Province, Thailand.

- 2002-2004 Head researcher of “The Implementation of the Ramsar Convention in Thailand: Management and Protection of Wetland Areas at Chiang Saen Lake, Chiang Rai Province.
- 2002-2003 Forest Ecology Consultant of “Management of the Pha Taem Protected Forest Complex to Promote Cooperative for Transboundary Biodiversity Conservation between Thailand, Cambodia and Laos (PPFC) Phase I”
- 2000–2001 Assistant researcher on “The Wetland Management Project of Hat Jao Mai National Park and Libong Island Protected Area, Trang Province
- 1999–2000 Assistant researcher on “The project of Biodiversity Investigation and Data base management of Wetland in Northern Thailand.
- 1997-2000 Head researcher on “Invasion of Climax Species into Plantation at Sakaerat Environment Research Station, Nakhon Ratchasima Province, Thailand.
- 1997–1998 Researcher in master plan project of Peat Swamp Forest. Phu Toe Daeng Wildlife Sanctuary. Narathiwat province.
- 1996–1997 Researcher in Biodiversity investigation of Mangrove forest, Samut Sakhon Province.
- 1995-1997 Co-researcher on Biodiversity in the Eastern Forest Complex Project, Chachoengsao Province, Thailand.

9. Publications

- 2014 **Dokrak M.**, S.Sangkaew, P. Aumporn and J. Atchra. Influences of Environmental Factors on Tree Distribution of Lower Montane Evergreen Forest at Doi Suthep-Pui National Park, Chiang Mai Province. 2014. **Thai J. For.** 33 (3): 23-33
- Siriphon, C., N. Chatchai and **M. Dokrak**. 2014. Diversity of Fern in Huai Kog Ma Watershed, Doi Suthep Pui, Chiang Mai Province. **Journal of Thai Botany** 6 (Special issue): 27-35 (in Thai with English abstract)
- 2013 Teerawatananon, A., S. Sungkaew, **D. Marod**, and T.R. Hodkinson. 2013. Studies in the recent new genus record *Pseudostachyum* (Poaceae: Bambusoideae) from Thailand: notes on its taxonomy, distribution and habitat. **Nordic Journal of Botany** 30: 001-004.
- Lamthai, A., **D. Marod**, P. Duengkae, U. Pranmongkol, H. Kurokawa, M. Aiba, M. Katabushi, and T. Nakashizuku. 2013. Relationships between functional traits and

- the ability of forest tree species to reestablish in secondary forest and enrichment plantations in the uplands of northern Thailand. **For. Ecol. Mgt.** 296: 9-23.
- Samrit, S., D. Marod, S. Sangkaew and K. Homsud. 2513. The relationships between some environmental factors and tree distribution at Khao Lam, Khao Yai National Park, Nakorn Ratchasima Province. **Journal of Thai Botany** 5 (Special issue): 75-78 (in Thai with English abstract)
- 2012 Takahashi, M., **D. Marod**, S. Panuthai and Keizo Hirai. 2012. Carbon cycling in teak plantation in comparison with seasonally dry tropical forests in Thailand. pp. 207-230. *In* Juan, A.B. and Y.H. Lo (eds.). Forest Ecosystem-More than just trees. InTech Publishing, Croatia.
- Lamthai, A., **D. Marod**, A. Pattanavibool and T. Nakashizuka. 2012. Colonization of tree species along an interior-exterior gradient across the forest edge in a tropical montane forest, western Thailand. **Tropics Vol. 21 (3):** 67-80.
- Dokrak Marod** , Prateep Duengkae, Lamthai Asanok and Anak Pattanavibool. 2012. Vegetation Structure and Floristic Composition along the Edge of Montane Forest and Agricultural land in Um Phang Wildlife Sanctuary, Western Thailand. *Kasetsart J. (Nat. Sci.)* 46: 162-180.
- Dokrak Marod** , Prateep Duengkae, Utis Kutintara, Sarawood Sungkaew, Chongrak Wachrinrat, Lamthai Asanok and Narongchai Klomwattanukul. 2012. The Influences of an Invasive Plant Species (*Leucaena leucocephala*) on Tree Regeneration in Khao Phluang Forest, Northeastern Thailand. *Kasetsart J. (Nat. Sci.)* 46 : 39 - 50 (2012)
- 2011 Takahashi, M., K. Hirai, P. Limtong, C. Leungvutivirog, S. Panuthai, S. Suksawang, S. Anusontpornperm, and D. Marod. 2011. Topographic variation in heterotrophic and autotrophic soil respiration in a tropical seasonal forest in Thailand. *Soil Science and Plant Nutrition* 57 (3) : 452-465
- 2010 Pongsatorn, P., Sangwanit, U. and Marod, D. 2010. Diversity of Soil Fungi in Different Land Use Types in Tha Kum-Huai Raeng Forest Reserve, Trat Province. *Kasetsart J. (Nat. Sci.)* 44 : 1162 - 1175
- Tanaka, H. , D. Marod, A. Ishda, M. Takahashi, T. Saito an T. Nakashizuka. 2010. Regeneration of co-occurring tropical bamboos after the simultaneous flowering

- and death: A bamboo species formed "sapling bank" under the shade of the other species. **Japanese Journal of Ecology** 60: 63-72
- Marod, D.**, P. Pinya, P. Duengkae and T. Hiroshi. 2010. The Role of Wild Banana (*Musa acuminata* Colla) on Wildlife Diversity in Mixed Deciduous Forest, Kanchanaburi Province, Western Thailand. **Kasetsart J. (Nat. Sci.)** 44: 35-43.
- Kaewfoo, M., D. Marod, D. Wiwatwittaya and S. Bunyavejchewin. 2010. Effects of Some Properties of Soil from Large Termite Mound on the Vegetation Pattern in Dry Dipterocarp Forest at Mae Ping National Park, Lumphun Province. **Thai Journal of Forestry** 29 (2): 26-36.
- 2009 Takahashi, M., K. Hirai, P. Limthong, C. Leungvutivirog, S. Suksawang, S. Panuthai, S. Anusontpornperm and **D. Marod**. 2009. Soil Respiration in Different Ages of Teak Plantations in Thailand. **Japan Agricultural Research Quarterly** 43 (4): 337-343.
- 2008 Tonwoot, A. and **D. Marod**. 2007. Clumps and Culms Establishment of *Gigantochloa albociliata* and *Cephalostachyum pergracile* after Gregarious Flowering in the Mixed Deciduous Forest at Mae Klong Watershed Research Station, Kanchanaburi Province. *Journal of Forestry* 26 (2): 1-11. (in Thai with English abstract)
- 2007 Chantarasuwan, B., **D. Marod**, and S. Pattanakiat. 2007. Species Diversity and Habitat Suitability Assessment for Genus Ficus in Mae Klong Watershed Research Station, Amphoe Thong Pha Phum, Changwat Kanchanaburi. **The Thailand Natural History Museum Journal** 2(1): 43-54. (in Thai with English abstract)
- Takahashi, M., F. Hitomi, P. Limtong, V. Sunanthapongsuk, **D. Marod** and S. Panuthai. 2007. Soil nutrient status after bamboo flowering and death in a seasonal tropical forest in western Thailand. **Ecological Research**: 22 (1): 160-164.
- 2005 **Marod, D.**, V. Neumrat, S. Panuthai, H. Tanaka, and P. Sahunalu. 2005. The forest regeneration after gregarious flowering of bamboo (*Cephalostachyum pergracile*) at Mae Klong Watershed Research Station, Kanchanaburi. **Kasetsart J. (Nat. Sci.)** 39: 588 – 593.

- Veerasak Nuemrat and **Dokrak Marod**. 2005. Seedling establishment of climax species under the Eucalyptus plantations and open areas. *Thai. J. For.* 24: 35-47 (in Thai with English abstract)
- 2004 **Marod, D.**, U. Kutintara, H. Tanaka and T. Nakashizuka. 2004. Effects of drought and fire on seedling survival and growth under contrasting light conditions in a seasonal tropical forest. *Journal of Vegetation Science* 15: 691- 700
- Marod, D.** 2004. Forest Ecology Final Technical Report of “Management of the Pha Taem Protected Forest Complex to Promote Cooperative for Transboundary Biodiversity Conservation between Thailand, Cambodia and Laos (PPFC) Phase I”. The Royal Forest Department, Bangkok, Thailand. 75 pages.
- Duengkae, P., S. Maneerat, A. Pattanavibool, **D. Marod**. 2004. Responses of bird assemblage to the abandoned settlement areas in Thung Yai Naresaun Wildlife Sanctuary; A natural World Heritage, Thailand. *In* Proceeding of IUFRO International Workshop on Landscape Ecology 2004, Conservation and Management of Fragmented Forest Landscapes October 25-28, 2004, Tsukuba, Ibaraki, Japan.
- 2003 **Marod, D.**, Sangkaew, S, and Niamrat, W. 2003. The invasion of climax species into forest plantations. *Journal of Forestry* 22: 1-15 (in Thai with English abstract)
- 2002 **Marod D.**, U. Kutintara, H. Tanaka and T. Nakashizuka. 2002. The effects of drought and fire on seed and seedling dynamics in a tropical seasonal forest in Thailand. *Plant Ecology* 161: 41-57.
- 2000 **Marod, D.**, U. Kutintara, H. Tanaka and T. Nakashizuka. 2000. Seed and seedling dynamics in a tropical seasonal forests in western Thailand. p. 51-65. In: *The International Workshop on the Responses of Tropical Forest Ecosystem to Long Term Cyclic Climate Changes*. National Research Council, Bangkok, Thailand.
- 1999 **Marod, D.**, U. Kutintara, H. Tanaka and T. Nakashizuka. 1999. Structural dynamics of a natural mixed deciduous forest in western Thailand. *Journal of Vegetation Science* 10- : 777-786.
- 1996 Kutintara, U., **D. Marod** and T. Nakashizuka. 1996. Dynamics and growth of bamboo shoots in the natural mixed deciduous forest. In: *The International Conference*

on Tropical Forestry in the 21st Century, Vol. 2: 281-291. Faculty of Forestry, Kasetsart University, Thailand.

Kutintara, U., **D. Marod**, and T. Nakashizuka. 1996. Dynamics of undergrowth vegetation in the natural mixed deciduous forest. In: *The International Conference on Tropical Forestry in the 21st Century*, Vol. 2: 234-245. Faculty of Forestry, Kasetsart University, Thailand.

1995 Kutintara, U., **D. Marod**, M. Takahashi and T. Nakashizuka. 1995. Growth and dynamics of bamboos in a tropical seasonal forest. p 15. In: *The International Workshop on The Changes of Tropical Forest Ecosystems by EL Niño and Others*. National Research Council, Thailand.

Nakashizuka, T., Kutintara, U., **Marod, D.**, and Eiadthong, W. 1995. Seedling dynamics in a tropical seasonal forest. p. 109-115. In: *The International Workshop on The Changes of Tropical Forest Ecosystems by EL Niño and Others*. National Research Council, Bangkok, Thailand