



VIETNAM NATIONAL UNIVERSITY OF FORESTRY

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CURRICULUM VITAE

1. General information

- Full name: Assoc. Prof. Dr. Hoang Van Sam
- Date of birth: 04. Nov. 1977
- Institution: Vietnam National University of Forestry, Xuan Mai, Hanoi, Vietnam
- Phone: 0084983337898; Fax: 00824433840063
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2. Professional interests

Plant diversity and conservation, forest resources management, biodiversity conservation, National parks management, local people and forest resources.

3. Former and present positions

- 9.1999 – 2009: Lecturer and researcher at the Forest Plant Department, Vietnam National University of Forestry.
- 9.2009 – 3.2016: Director of Biodiversity centre, Vietnam National University of Forestry.
- 11.2013 – 10.2015: Deputy Director of Science Technology & International Cooperation Division, Vietnam National University of Forestry.
- 11.2015 – 7/2016: Director of Science Technology & International Cooperation Division, Vietnam National University of Forestry.
- 8.2016 – present: Director of International Cooperation Division, Vietnam National University of Forestry.

4. Education and training

- 9.1995-6.1999: BSc student on Forest resources management at Vietnam National University of Forestry.
- 6 -8.2002: Training on plant taxonomy in Bogor, Indonesia
- 01.2003-8.2004. MSc student on Plant taxonomy and Biodiversity conservation at Leiden University, the Netherlands.
- 10 -11.2003. Research on Plant taxonomy in French National museum of natural, Paris, France.
- 5.2005-4.2009. PhD candidate on Plant taxonomy and Biodiversity conservation at Leiden University, the Netherlands.
- 6-7.2010. Research on plant taxonomy at National biodiversity centre, the Netherlands.
- 8-11/2011. Research on plant taxonomy and National park management in Colorado State University, USA.
- 9-12/2012. Research on plant taxonomy in South China botanical garden, China.

5. Academic activities

1. Teaching "Vietnam Forest Plants" and "Plant Morphology and Classification" for BSc and MSc students at the Vietnam National University of Forestry since 2004
2. Teaching "Protected area management" and "Plant resources management " for MSc and PhD students at the Vietnam National University of Forestry, since 2009
3. Teaching "The Plant families of SE Asia" for MSc students at Leiden University, the Netherlands, in 2007, 2008
4. Giving a lecture on tropical plant for BSc students at Colorado State university, USA.
5. Member of Organizing committee and Scientific committee of the the second international conference on Flora of Laos, Cambodia and Vietnam, in 2010
6. Member of Organizing committee and Scientific committee of international conference on Botanical research in Tropical Asia in 2015.
7. Co-chair of international conference: Botanical research in Tropical Asia. In Laos, 2015.
8. Co-chair of international conference: Taiwan and Vietnam Bilateral Symposium on Biodiversity Conservation. In Taiwan, 2016
9. Co-chair of international conference: Protected area management. In VNUF, 2017
10. Member of Scientific committee of the Vietnam National University of Forestry, since 2009.

11. Member of Scientific committee of Forest resources and Environmental management faculty, Vietnam National University of Forestry, since 2009.
12. Member of editors board of Global journal of Botanical science, since 2011
13. Supervision 7 PhD students in Vietnam and China (03 have graduated).
14. Supervision 48 BSc students at the Vietnam National University of Forestry
15. Supervision 51 MSc students at the Vietnam National University of Forestry, Thai Nguyen University and Tay Nguyen University (47 have graduated).

7. Leader of projects

1. Conservation of 6 Gymnosperm species in Nam Dong natural reserve, Thanh Hoa province. Project supported by Thanh Hoa people committee. 2014-2015.
2. Study edible wild vegetables in Dien Bien and Lao Cai provinces, Vietnam. Project supported by Danish government, managed by Ministry of Agriculture and Rural development. 2009-2013
3. Research on representative of indigenous tree species of Vietnam. Project at State level and supported by Vietnamese government 2011-2015
4. Research on indigenous tree species in Botanical garden of Vietnam National University of Forestry. Project at ministerial level and supported by Vietnamese government. 2011-2014
5. Establish Biodiversity information system in Vietnam. Project supported by Vietnam National University of Forestry. 2009-2013
6. Conservation of Pinophyta in Hoang Lien national park, Sapa, Laocai province. Project supported by Rufford Small grant. 2010-2011
7. Indigenous knowledge of Dao and Muong Ethnic minority groups on medicinal plants in Ba Vi National Park, Vietnam. Project supported by Rufford Small grant. 2008-2010
8. Assessment and conservation of plant biodiversity in Pa Phanh mountain, Thanh Hoa province, Vietnam. Project supported by Rufford Small grant. 2013-2014
9. The Impact of Timber and Non Timber Forest Products (NTFP) in Ben En National Park, Central Vietnam. Project supported by International Foundation of Science (IFS). 2005-2008
10. Economically and ecologically important timber tree species in Lao and Vietnam. Project supported by National herbarium of the Netherlands (2003-2004).

6. Project member and coordination activities

1. Establishment Training Center for Nature Conservation at Vietnam National University of Forestry. 2013-2017 (Supported by KNCF, Japan)
2. Regional Learning Centres for Protected Area and Biosphere Reserve Management in Vietnam (2011-2014). Supported by DAAD, Germany (coordinator)
3. Strengthening of Tay Bac University for Sustainable Rural Development of Northwest Region. 2009-2014, supported by JICA (focus person on forestry).
4. Capacity Building for the Ratification and Implementation of the Nagoya Protocol on Access and Benefit Sharing (2013-2014). Supported by UNDP (National consultant)
5. Forests for Livelihood Improvement in the Central Highlands (2009-2013), supported by ADB. (National consultant on biodiversity)
6. Development of innovative biotechnology towards sustainability production of Agarwood in Vietnam (2016-2019) (Funded by Vietnamese and German governments) - Coordinator
7. Conservation of relict tree species across the Eurasia (2015-2020) (Funded by University of Fribourg, Switzerland). - Regional scope
8. Conservation of *Paris polyphylla* Smith in Thanh Hoa province. (2017-2019). Funded by Thanh Hoa people committee
9. Development of Curriculum on climate change into Agriculture and forestry University in Vietnam (2016-2018). Funded by USAID
10. Development of Curriculum on REDD+ into Agriculture and forestry University in Vietnam (2016-2018). Funded by UNEP
11. Developing an International Study Program in the Lower Mekong Region in International Tropical Forestry (2015-2019). Funded by DAAD
12. European-Vietnamese Higher Education Network for Sustainable Forest- and Bio-Economy (BioEcoN). (2017-2019). Funded by EU

8. Publications

Books

1. Keßler, P.J.A., M.S. Appelhans & Hoang Van Sam (eds). 2009. Plant families of South-east Asia. Syllabus for master students in Leiden University.
2. Hoang Van Sam. 2009. Uses and conservation of plant diversity in Ben En National Park, Vietnam. National herbarium of the Netherlands, the Netherlands

3. Hoang Van Sam, P. Baas & P.J.A. Keßler. 2008. Plant Biodiversity in Ben En National Park, Vietnam. Agricultural Publishing House, Hanoi, Vietnam
4. Hoang Van Sam, K. Nanthavong & P.J.A. Kessler. 2004. Trees of Vietnam and Lao, Field guide for 100 economically and ecologically important species. Leiden University. The Netherlands
5. Hoang Van Sam. 2013. Plantation technical for high economic value of edible wild vegetables in Dien Bien and Lao Cai provinces, Vietnam in Trieu Van Hung (ed). Secure Livelihoods for local people in mountainous area of Vietnam – New approach. Agricultural Publishing House, Hanoi, Vietnam
6. Dong Thanh Hai, Hoang Van Sam, Phung Van Khoa, Nguyen Hai Hoa, Le Xuan Phuong, Tran Thi Thu Ha (2016). Basic knowledge for Nature Conservation. Agricultural Publishing House, Vietnam
7. Phan Thanh Lam, Hoang Van Sam. 2016. Plant Biodiversity in Yen Tu National Forest, Vietnam. Agricultural Publishing House, Hanoi

SCI articles

8. J. W. Ferry Slik, Janet Franklin, Víctor Arroyo-Rodríguez, Richard Field, Hoang Van Sam, John H. Vandermeer, et al. 2018. Phylogenetic classification of the world's tropical forests. PNAS. <https://doi.org/10.1073/pnas.1714977115>.
9. Hanghui Kong, Fabien L. Condamine, AJ Harris, Junlin Chen, Bo Pan, Michael Möller, Van Sam Hoang and Ming Kang. 2017. Both temperature fluctuations and East Asian monsoons have driven plant diversification in the karst ecosystems from southern China. (Molecular Ecology - DOI: 10.1111/mec.14367).
10. Hoang Van Sam, P. Baas, P.J.A. Keßler, J.W.F. Slik, H. Ter Steege & N. Raes. 2011. Human and environmental influences on plant diversity and composition in Ben En National Park, Vietnam. Journal of Tropical Forest Science 23(3): 328–337
11. Hoang Van Sam, P. Baas & P.J.A. Keßler. 2008a. Traditional medicinal plants in Ben En National Park, Vietnam. Blumea 53: 569 - 601
12. Hoang Van Sam P. Baas & P.J.A. Keßler. 2008b. Uses and conservation of plant species in a National Park - a case study of Ben En, Vietnam. Economic Botany 62: 574 – 593
13. Hoang Van Sam & H.P. Nooteboom. 2007. *Ailanthus vietnamensis* (Simaroubaceae). A new species from Vietnam. Blumea 52: 555 - 558. (
14. YIHUA TONG, NIANHE XIA, VAN SAM HOANG, CHI MING HU. 2017. *Lysimachia gesnerioides*, a new synonym of *Lysimachia baviensis* (Primulaceae). Phytotaxa. 324 (3): 298–300.

15. Hoang Van Sam, K. Nanthavong & P.J.A. Kessler. 2004. Trees of Vietnam and Lao, Field guide for 100 economically and ecologically important species. *Blumea* 49:201-349.
16. Hoang Van Sam & P.C. van Welzen 2004. Revision of *Annesijoa*, *Elateriospermum* and the introduced species of *Hevea* in Malesia (Euphorbiaceae), *Blumea* 49: 425 - 440.

International articles are not listed in SCI journal

17. Thi Thanh-Nhan Nguyen, Thi-Lan Le, Hai Vu, Huy-Hoang Nguyen and Van Sam Hoang. 2017. A Combination of Deep Learning and Hand-Designed Feature for Plant Identification Based on Leaf and Flower Images. *Advanced Topics in Intelligent Information and Database Systems*, 710, 223-234
18. Hoang Van Sam, Vu Van Dung, Xia Nanhe & Luu Hong Truong. 2013. A New species of *Hopea* (Dipterocarpaceae) from Vietnam. *Global journal of Botanical science*. 1.29-32.
19. Van Sam & P.C. van Welzen. 2005. *Elateriospermum*. In K. Chayamarit & P.C. van Welzen. *Euphorbiaceae*. In: K. Chayamarit & K. Larsen (eds), *Flora of Thailand* 8, 1: 254 - 255. Forest Herbarium, Bangkok, Thailand.
20. Hoang Van Sam & P.C. van Welzen 2005. Revision of *Annesijoa* in Malesia in *Euphorbiaceae* of Malesia .
21. Hoang Van Sam & P.C. van Welzen 2005. Revision of *Elateriospermum* in Malesia in *Euphorbiaceae* of Malesia.
22. Hoang Van Sam & P.C. van Welzen 2005. Revision of *Hevea* in Malesia in *Euphorbiaceae* of Malesia.

Articles in national journal

23. Cao Van Cuong, Hoang Van Sam, 2018. Characteristics of vegetation type in Pu Luong natural reserve, Thanh Hoa province. *Journal of Agricultural and Rural Development*. No 2.
24. Cao Van Cuong, Hoang Van Sam, 2017. Conservation of Gymnospermae species in Pu Luong natural reserve, Thanh Hoa province. *Journal of Agricultural and Rural Development*. No 1. 108-114
25. Hoang Van Sam, Dinh Thi Hoa. 2017. *Ficus acamptophylla* (Miq.) Miq. và *Rhododendron pseudochrysanthum* Hayata new records for flora of Vietnam. *Journal of Agricultural and Rural Development*. No 12. 130-133
26. Cao Van Cuong, Hoang Van Sam, 2017. Diversity of threatened plant species in Pu Luong natural reserve, Thanh Hoa province. *Journal of Agricultural and Rural Development*. No 3+ 4. 244-254

27. Phan Thanh Lam, Nguyen Thi Thoa, Hoang Van Sam. 2017. Biodiversity indexes of tree species in Yen Tu National forest, Quang Ninh province. *Journal of Agricultural and Rural Development*. No 3+4. 225-259
28. Phan Thanh Lam, Hoang Van Sam, Dao Cong Anh, Nguyen Thi Tuyet, Nguyen Phuong Thao, Tran Khanh Nhu, Tobias Matusch. Conservation of gymnosperm species in Yen Tu National Forest, Quang Ninh province. *Journal of Forestry science and Technology*. Vol. 5. 76-81.
29. Dinh Thi Hoa, Phan Thi Thanh Huyen, Nguyen Thi Bich Ngoc, Hoang Van Sam. 2016. Distribution and seed characteristics of *Pinus cernua* L. K. Phan ex Aver., K. S. Nguyen & T. H. Nguyen in Xuan Nha natural reserve, Son La province *Journal of Forestry science and Technology*. Vol. 6. 136-143
30. Hoang Van Sam, Phan Thanh Lam, Nguyen Thi Thoa. 2016. *Vaccinium craspedotum* Sleumer new record for flora of Vietnam. *Journal of Forestry science and Technology*. Vol. 6. 152-155
31. Dinh Thi Hoa, Hoang Van Sam. 2016. Floristics in Xuan Nha natural reserve, Son La province. *Journal of Forestry science and Technology*. Vol. 16. 66-71
32. Dinh Thi Hoa, Hoang Van Sam, Nguyen Hung Chien. 2016. Diversity of threatened plant species in Xuan Nha natural reserve, Son La province. *Journal of Agricultural and Rural Development*. No 2. 124-130
33. Phan Thanh Lam, Nguyen Thi Tuyen, Hoang Van Sam. 2016. Characteristics of vegetation type in Yen Tu national forest, Quang Ninh province. *Journal of Forestry science and Technology*. Vol. 4. 87-95
34. Phan Thanh Lam, Hoang Van Sam, Bui Thanh Son. 2016. Floristics in Yen Tu national forest Quang Ninh province. *Journal of Forestry science and Technology*. Vol. 9. 126-131.
35. Phan Thanh Lam, Hoang Van Sam. 2016. Diversity of threatened plant species in Yen Tu national forest Quang Ninh province. *Journal of Forestry science and Technology*. Vol. 2. 79-89.
36. Phan Thanh Lam, Hoang Van Sam, Dao Cong Anh, Nguyen Thi Tuyet, Nguyen Phuong Thao, Tran Khanh Nhu, Tobias Matusch. 2016. Conservation of gymnosperm species in Yen Tu National Forest, Quang Ninh province. *Journal of Forestry science and Technology*. Vol. 5. 76-81.
37. Nguyen Minh Quang, Do Viet Quang, Nguyen Khanh Toan, Hoang Van Sam. 2016. Effect of elevation on plant diversity at Ba Vi National Park. *Journal of Forestry science and Technology*. Vol. 3. 111-117
38. Hoang Van Sam, Phan Van Dung, Dao Thuy Linh, Dan Thi Hue Phuong, Pham Van Dien, Nguyen Tuan Cuong. 2016. Conservation of threatened plant species in

- Dong Van Karst Plateau Geopark, Ha Giang province. *Journal of Forestry science and Technology*. Vol. 3. 118-125
39. Hoang Van Sam, Nguyen Thi Thu, Nguyen Van Ly, Bui Dinh Duc, Phan Van Dung, Nguyen Huu Cuong, Hoang Thi Tuoi, Phan Duc Linh, Ta Duc Hong. 2015. Assessment of adaptation and growth of typical indigenous tree species planted in Hung Kings Temple National Forest. *Journal of Forestry science and Technology*. Vol. 5. 118-125
 40. Dinh Thi Hoa, Nguyen Luong Thien, Hoang Van Sam, 2014. Diversity and conservation status of gymnosperm species in the Xuan Nha nature reserve, Son La province. *Journal of Agricultural and Rural Development*. No 4: 110-115
 41. Dang Van Ha, Hoang Van Sam. 2014. Designing the experimental area for planting typical indigenous trees of the ecological regions in the country at the Hung Temple National Forest. *Journal of Forestry science and Technology*. Vol. 1. 23-33
 42. Hoang Van Sam, Tran Duc Dung. 2013. Conservation of Gymnosperm species in Pu Huong natural reserve. *Journal of Forestry science and Technology*. Vol. 1. 40-47.
 43. Hoang Van Sam. 2013. Diversity of timber tree in Hung Kinh temple. *Journal of Agricultural and Rural Development*. Vol 1. 96-100
 44. Hoang Van Sam. 2013. *Hopea exalata* W.T.Lin, Y.Y.Yang & Q.S. Hsue (Dipterocarpaceae) a new record for flora of Vietnam. *Journal of Agricultural and Rural Development*. No 10: 94-98
 45. Hoang Van Sam & Nguyen Trong Quyen. 2013. Diversity and conservation status of Gymnosperm in Pha Phang forest, Thanh Hoa province. *Journal of Agricultural and Rural Development*. No 5: 88-93
 46. Hoang Van Sam. 2013. Indigenous timber tree in Hung Kinh timber national forest, Phu Tho province. *Journal of Agricultural and Rural Development*. No 1: 96-100
 47. Hoang Van Sam, Nguyen Viet Bach, Pham Hoang Phi. 2013. Plant diversity in Phong Quang nature reserve, Ha Giang province. *Journal of Forestry science and Technology*. Vol. 1. 58-64.
 48. Hoang Van Sam. & Le Ngoc Tuyen. 2013. Plant diversity in Van Long wetland nature reserve, Ninh Binh province. *Vietnam Journal of Forest Science* 1: 2588-2594.
 49. Hoàng Văn Sâm. 2012. Taxonomy and conservation of *Abies delavayi* Franchet SSP *Fansipanensis* (Q.P.Xiang) Rushforth. *Journal of Ecological economy*. Vol. 42+43. 3-7.

50. Hoang Van Sam & Nguyen Van Quyet. 2012. Floristic in Binh Chau Phuoc Buu nature forest. Ba Ria Vung Tau province. Journal of Agricultural and Rural Development. No 8: 85-89
51. Vu Quang Nam & Hoang Van Sam. 2012. Morphology and Taxonomy of species in the Kmeria (Magnoliaceae). Journal of Agricultural and Rural Development. No 12: 89-9
52. Hoang Van Sam. 2012. Traditional knowledge of Muong and Dao ethnic minority groups on medicinal plants in Ba Vi National Park. Vietnam. Journal of Biology. No 34.
53. Hoang Van Sam. & Nguyen Thi Kim Phuong. 2012. Plant biodiversity in Na Hau Natural reserve, Yen Bai province. Journal of Agricultural and Rural Development. No 2: 91-95
54. Hoang Van Sam. 2011. Indigenous timber tree species in Arboretum of the Vietnam National University of Forestry. Journal of Science. No 14. 100-103
55. Hoang Van Sam & Xia Nianhe. 2011. Key identification for genera of Dipterocarpaceae in Vietnam. Science and Technology Journal of Agricultural and Rural Development. No 11: 111-114.
56. Hoang Van Sam & Phung Van Khoa. 2011. Indigenous knowledge of local people on using wild vegetables in Lao Cai and Dien Bien provinces. Science and Technology Journal of Agricultural and Rural Development. No 14: 96-100
57. Hoang Van Sam & Nguyen Huu Cuong. 2011. Plant biodiversity in Pu Hu Natural reserve, Thanh Hoa province. Proceeding of the 4th National conference on Ecology and Biological resources. Ha Noi, Vietnam. 860-864
58. Vu Quang Nam, Xia Nian-He, Hoang Van Sam & Phan Minh Sang. 2011. *Michelia macclurei* Dandy (Magnoliaceae) a new species for flora of Vietnam. Proceeding of the 4th National conference on Ecology and Biological resources. Ha Noi, Vietnam.
59. Vu Quang Nam, Xia Nian-He, Jacinto C. Regalado & Hoang Van Sam. 2011. The taxonomy and conservation status of *Michelia balansae* (Aug. DC.) Dandy (Magnoliaceae) in Vietnam. Proceeding of the 4th National conference on Ecology and Biological resources. Ha Noi, Vietnam. 757-762
60. Hoang Van Sam. 2010. Difference between ArmenTakhtajan plant classification and APG III – Apply to Theales. Vietnam Forestry information, the Vietnam National University of Forestry. Vol. 1: 64-66
61. Hoang Van Sam. 2009a. History and trend of plant taxonomy in the world. Vietnam Forestry information, the Vietnam National University of Forestry. Vol. 2: 51-54

62. Hoang Van Sam. 2009b. *Glyptopetalum sclerocarpum* (Kurz) M.A. Lawson (Rubiaceae) A new record for flora of Vietnam. *Journal of Agriculture and Rural Development, Vietnam*. 11: 23-33.
63. Hoang Van Sam. 2008. A species of *Myristica* Gronov. A new record for Flora of Vietnam. *Vietnam Journal of Forest Science* 1: 526 - 529.
64. Hoang Van Sam. 2008. *Glyptopetalum sclerocarpum* (Kurz) M.A. Lawson (Celastraceae). A new record for Flora of Vietnam. *Vietnam Journal of Forest Science* 3: 683 - 686.

Presentation in international conferences/workshops

1. Kozłowski Gregor; Bétrisey Sébastien; Boratyski, Adam; Christe Camille; Deng Minh; Dimitriou Dimos; Fazan Laurence ; Fragnière, Yann; Gar Giuseppe; Gratzfeld Joachim; Jasiska Anna; Naciri Yamama; Nakano Yosuke; Pasta, Salvatore; Sakio, Hitoshi; **Hoang Van Sam**, Song Yi-Gang Yousefzadeh, Hamed. Relict tree genera with multiple refugia require international and interdisciplinary cooperation: conservation and research Projects *Zelkova* and *Pterocarya*. Global Botanic Gardens Congress. Geneva, Switzerland. 2017.
2. **Hoang Van Sam** Conservation of medicinal plant in Vietnam. Conservation of relict tree species across the Eurasia. Fribourg, Switzerland. 2017.
3. **Hoang Van Sam**. Threatend plant management in Vietnam. Conservation of relict tree species across the Eurasia. Georgia. 2016.
4. **Hoang Van Sam**. Plant diversity and conservation in Vietnam. Taiwan and Vietnam Bilateral Symposium on Biodiversity Conservation. 2016
5. **Hoang Van Sam**. Botanical garden and plant conservation in Vietnam. Botanic Gardens and Plant Conservation in ASEAN, China and Japan. 2016. Bangkok, Thailand.
6. **Hoang Van Sam**. Conservation of Dipterocarpaceae in Vietnam, Lao, Cambodia and China. Global Botanic Gardens Congress, China. 2012
7. **Hoang Van Sam**. Biodiversty conservation in Vietnam. International conference on Forest Risk Management, Forest Biodiversity and Governance .2012
8. **Hoang Van Sam**. Indigenous knowledge of medicinal plants of Dao people in Ba Vi National Park, Vietnam. Flora symposium of Lao Cambodia and Vietnam. Hanoi, Vietnam 2010
9. **Hoang Van Sam**. Important timber tree and international trade in Vietnam. Strategies for the sustainable use and management of timber tree species subject to international trade Kulalumpur, Malaysia. 2007

10. **Hoang Van Sam** Plant Conservation in Ben En National Park, Vietnam. Flora symposium of Lao Cambodia and Vietnam, Campuchia. 2008
11. **Hoang Van Sam.** Traiditional medicinal plant in Ben En National Park, Vietnam. Flora symposium Malesiana” Leiden, the Netherlands. 2007.

Ha Noi 10 February 2018

Hoang Van Sam