

INDIVIDUAL CONSULTANT
Curriculum Vitae (CV) Form

--	--	--	--	--

D	D	M	M	Y	Y	Y	Y
3	0	1	2	2	0	1	7

Date of Completing this Form

Full Name: **Bui Xuan Dung**

DATA ON INDIVIDUAL CONSULTANT

1. Name:

Bui Xuan Dung Sex: Male Female
 Family name Middle name Last name

2. Date of birth

D	D	M	M	Y	YY	Y	
2	2	0	8	1	9	7	9

3. Citizenship: *Vietnamese*

4. Telephone number: Home: 04 33 724 860
 Mobile: (84) 0904 628 003
 Email: Buixuandungfuv@gmail.com

5. Home Address:

No. 25, 2nd road, Teacher Village, Vietnam Forestry University, Xuan Mai Town, Chuong My district, Hanoi, Vietnam

6. Language: (F-Fair, G-Good, VG-Very Good, E-Excellent)

Language	Speak	Read	Write
1. Vietnamese (*)	<i>VG</i>	<i>E</i>	<i>E</i>
2. English			
3. French			
4. Russian			
5. Others (Specify):	<i>G</i>	<i>F</i>	<i>F</i>
5.1. Japanese			
5.2.			

(*) Only if you are Expatriate Vietnamese or International Expert.

7. Professional Specialisation: please select and mark in maximum two (02) Professional Specialisation for which you have participated as an expert in the past five (05) years in research and consulting works.

<input type="checkbox"/>	(1) engineering industrial	<input checked="" type="checkbox"/>	(5) environmental	<input type="checkbox"/>	(9)
<input type="checkbox"/>	(2) economic educational	<input type="checkbox"/>	(6) legal	<input type="checkbox"/>	(10)
<input type="checkbox"/>	(3) financial	<input checked="" type="checkbox"/>	(7) managing	<input type="checkbox"/>	(11) other (specify)
(4) social	(8) agricultural				

8. Education:

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Forestry University of Vietnam (1999-2003)	B.Sc. in Forest Resource Protection and Management
Tokyo University of Agriculture and Technology (2008-2010)	M.Sc. in Agriculture
Tokyo University of Agriculture and Technology (2010-2013)	Ph.D. of Symbiotic Science of Environment and Natural Resources

9. Other training:

2010-2013: The Education Program for Field-Oriented Leaders in Environmental Sectors in Asia and Africa, Tokyo University of Agriculture and Technology.

November, 2011 – February, 2012: Visiting scholar at [Department of Land, Air and Water Resources](#), University of California, Davis, USA.

10. Employment record:

2003 – 2008: Lecturer at Department of Environment Management, Vietnam Forestry University, XuanMai, ChuongMy, Hanoi, Vietnam.

2008-2013: Researcher of Tokyo University of Agriculture and Technology, Japan

10.2013 - up to date: Lecturer at Department of Environment Management, Vietnam Forestry University, XuanMai, ChuongMy, Hanoi, Vietnam.

11. Detailed Tasks Assigned: Studying and teaching on,

- Forest hydrology, soil erosion control and watershed management;
- Hydrologic and geomorphic processes as storm runoff generation, soil erosion, water quality, landslides and debris flows at watershed scales;
- Linkages among hydrologic, geomorphic, and biological processes, as the effect of regional land use;
- Issues of scales related to hydrological and geomorphic response and system behavior for examining water and sediment transport from headwater to downstream systems;
- Issues related to sustainable land use management and natural hazard assessments;
- Field monitoring and computer modeling for evaluating the effects of forest management on runoff generation and sediment movement in watershed scales.

12. Reference:

Prof. Dr. Lee MacDonald Dept. of Forest, Rangeland, and Watershed Stewardship Warner College of Natural	Prof. Dr. Takashi Gomi Watershed Hydrology and Ecosystem Management Laboratory at Tokyo University	Assoc. Prof. Dr. Nguyen Van Tuan Deputy President, Forestry University of Vietnam
-------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------

Resources Colorado State University Fort Collins, CO 80523-1472 Phone: (970) 491-6109 Office: 328 Natural Resources Bldg. leemac@cnr.colostate.edu	of Agriculture and Technology. 3-5-8 Saiwaicho, Fuchu-shi, Tokyo 1838509 JAPAN Tel. +81 42-367-5751 Email: gomit@cc.tuat.ac.jp http://www.tuat.ac.jp/~gomit/	Xuan Mai, Chuong My, Hanoi, VIETNAM Tel. Home: 84 4 33 840 434, Tel. Office: 84 4 33 502 418; Cell phone: 0903252533; E-mail: tuanvanguyen@mail.ru
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

13. Membership of Professional Associations/Societies: (name, your position)

- 2008- Current: Member of Japan Society of Erosion Control Engineering (SABO), Japan.
- 2010-Current: Member of Journal of Japan Society of Hydrology and Water Resources, Japan.
- 2008-Current: Member of CREST (Core Research for Evolutional Science and Technology), Japan.
- Member of American Geophysical Union, USA.
- Reviewer for Journal of Ecohydrology.

14. Major Publication: (title, year, and publisher)

A. Peer-reviewed articles (ISI)

1. Nam, S., Hiraoka, M., Gomi, T., **Dung, B. X.**, Onda, Y., Kato, H. 2016. Suspended-sediment responses after strip thinning in headwater catchments. *Landscape and Ecological Engineering*, **12**: 197-208.
2. **Dung, B. X.**, Hiraoka, M., Gomi, T., Onda, Y., Kato, H. 2015. Peak flow responses to strip thinning in a nested, forested headwater catchment. *Hydrological Processes*, **29** (24), 5098-5108. [DOI: 10.1002/hyp.10720](https://doi.org/10.1002/hyp.10720).
3. Fukushima, T., Tei, R., Arai, H., Onda, Y., Kato, H., Kawaguchi, S., Gomi, T., **Dung, B. X.**, Nam, S. 2015. Influence of strip thinning on nutrient outflow concentrations from plantation forested watersheds. *Hydrological Processes*, **29** (24), 5109-5119. [DOI: 10.1002/hyp.10570](https://doi.org/10.1002/hyp.10570)
4. **Dung BX**, Gomi T, Miyata S, Sidle RC, Kosugi K, Onda Y. 2012a. Runoff responses to forest thinning at plot and catchment scales in a headwater catchment draining Japanese cypress forest. *Journal of Hydrology* **444-445**: 51-62. Doi: 10.1016/j.jhydrol.2012.03.040. <http://www.sciencedirect.com/science/article/pii/S0022169412002508>
5. **Dung BX**, Gomi T, Miyata S, Sidle RC. 2012b. Peak flow responses and recession flow characteristics after thinning of Japanese cypress forest in a headwater catchment. *Hydrological Research Letters* **6**: 35-40. Doi: 10.3178/HRL.6.35. <http://www.hrljournal.org/archives/878>

6. **Dung BX**, Miyata S, and Gomi T. 2011. Effect of forest thinning on overland flow generation on hillslopes covered by Japanese cypress. *Ecohydrology*, **4**: 367-378. Doi: 10.1002/eco.135. <http://onlinelibrary.wiley.com/doi/10.1002/eco.135/abstract>.

B. The other publication (Vietnam Journal)

1. Thuy TT, **Dung BX**. 2017. DEVELOPMENT OF FORECAST MODEL FOR DOMESTIC WATER DEMAND IN HUNG NHAN TOWN, HUNG HA DISTRICT, THAI BINH PROVINCE. *Journal of forest science and technology*, **5**: 108-117.
2. Anh PL, **Dung BX**. 2017. RUNOFF AND WATER QUALITY OF BUI RIVER FROM FROM LUONG SON-HOA BINH TO XUAN MAI, CHUONG MY, HANOI. *Journal of forest science and technology*, **20/10**: 76-87 (Vietnamese with abstract in English).
3. Nguyet BTM, **Dung BX**. 2017. DETERMINING CARBON ACCUMULATION RATIO OF ABOVE- AND BELOW GROUND BIOMASS OF UNDERSTORY VEGETATION AT LUOT MOUNTAIN, XUAN MAI, HA NOI. *Journal of forest and environment*, **84**: 22-27 (Vietnamese with abstract in English).
4. **Dung BX**, Quang DV. 2017. APPLYING UNIVERSAL SOIL LOSS EQUATION (USLE) TO ESTIMATING SOIL EROSION AT LAM SON HEADWATER CATCHMENT. *Journal of forest science and technology*, **5**: 61-73.
5. **Dung BX**, Nhai TT. 2017. HYDROLOGICAL COMPONENTS OF PLANTATION FOREST AT LUOT MOUNTAIN, XUANMAI, HANOI. *Forestry science and technology journal*, **4**: 122-129 (Vietnamese with abstract in English).
6. **Dung BX**, Khoa PV. 2017. OVERLAND FLOW AND SOIL EROSION FROM DIFFERENT VEGETATION COVER AT LUOT MOUNTAIN- XUAN MAI- HANOI. *Forestry science and technology journal*, **4**: 64-73 (Vietnamese with abstract in English).
7. Luong NT, **Dung BX**. 2017. Impact of golf courses on water quality of Bui river in headwater catchment. *Journal of forest science and technology*, **2**: 94-105.
8. **Dung BX**, Linh NTM, Thuy TT, Kha LN, Linh PT, Trang PTT. 2017. Infiltration characteristics of soil under Eucalyptus plantation forest in headwater of Vietnam. *Journal of forest science and technology*, **2**: 63-74.
9. **Dung BX**, Dao LT. 2017. Runoff and sediment yield from mountain road in the headwater of Vietnam. *Forestry science and technology journal*, **6**: 124-135 (Vietnamese with abstract in English).
10. Thuy DTM, **Dung BX**. 2016. Floodplain development in Bui river due to land use change from 2004 to 2015. *Journal of forest science and technology*, **5**: 90-101.
11. **Dung BX**. 2016. Soil infiltration characteristics of different landuse types at Luot mountain, Xuan Mai, Ha Noi. *Forestry science and technology journal of Vietnam Forestry University*, **4**: 47-58 (Vietnamese with abstract in English)
- 12.

13. Khoa PV, Lan DX, Hung NV, Hiệu NQ, Giap NQ, Dương KT, Hoa NH, **Dung BX**, Duan PV, Son LT, Hai ĐT, Tuan DA. 2015. ANALYSING THE LAND COVER CHANGE BASED ON VEGETATION INDEX AND MULTI-TEMPORAL LANDSAT IMAGERY. *Forestry science and technology journal of Vietnam Forestry University*, Special issue: 83-89 (Vietnamese with abstract in English).
14. Minh NT, **Dung BX**, Cuong PH. 2015. EFFECTS OF TANNIN CONTENT IN THE DIET TO BIOGAS PRODUCTION AND QUALITY FROM CASTLE FEACES. *Forestry science and technology journal of Vietnam Forestry University*, Special issue: 90-101 (Vietnamese with abstract in English).
15. **Dung BX**, Hien NT, Duong KT. 2015. ANALYZING IMPACT FACTORS AND MODELING DOMESTIC WATER DEMAND IN NAM TRUNG COMMUNE, NAM DAN DISTRICT, NGHE AN PROVINCE. *Forestry science and technology journal of Vietnam Forestry University*, Special issue: 34-42 (Vietnamese with abstract in English).
16. **Dung BX**, Linh TTD, Son LT. 2015. IMPACTS OF THE MATERIAL COVERED ON SOIL SURFACE TO RUNOFF GENERATION AND SOIL EROSION IN EXPERIMENTAL SCALE. *Forestry science and technology journal of Vietnam Forestry University*, 3: 29-39 (Vietnamese with abstract in English).
17. **Dung BX**, Ninh PTH, Duong KT, Son LT. 2015. CHARACTERISTICS OF FLOW REGIME AND WATER QUALITY FROM FORESTED CATCHMENT AT LUOT MOUNTAIN, XUAN MAI, HANOI. *Forestry science and technology journal of Vietnam Forestry University*, 2: 49-57 (Vietnamese with abstract in English).
18. **Dung BX**. 2013. Receiving the 2012 Young Author Excellent Paper Award. *Journal of Japan Society of Hydrology and Water Resources*. Vol. 26, No.1, pp. 15-17.

C. ORAL PRESENTATIONS

1. Linh PT, Linh NTM, Kha LN, Thuy TT, Trang PTT, **Dung BX**. 2016. *Soil infiltration characteristics of Eucalyptus plantation forest in headwater of Vietnam*. The 7th national young scientist conference on Agro-forest, Fishery and Aquaculture, 2016.
2. **Dung BX**, Thuy TTĐ. 2016. The characteristics of flow regime and water quality of forested headwater catchment of Vietnam. The 7th national young scientist conference on Agro-forest, Fishery and Aquaculture, 2016.
3. **Dung BX**, Luong NT, Loan NT. 2016. *Runoff generation and soil erosion from hillslope to catchment scales in northern mountain of Vietnam*. Proceeding of International conference on Environmental Engineering and management for sustainable development. Hanoi University of Science and Technology, Hanoi, September, 2016. ISBN: 978-604-95-0000-8.
4. Gomi T, **Dung BX**, Hiraoka M, Oohira M, and Onda Y. 2015. How did runoff and stream temperature responses after 50% thinning differ among nested observations of headwaters?. The

- 4th International Conference on Forests and Water in a Changing environment. Kelowna, BC, Canada, 6-9 July, 2015. (A1-5-46) (<http://www.forestandwater2015.com/>)
5. Gomi T, **Dung BX**, Onda Y, and Hiraoka M. 2012. How much understory vegetation matters for evaluating changes in annual runoff due to timber harvesting?. The 3rd International Conference on Forests and Water in a Changing environment. Fukuoka, Japan, 18-20 September, 2012. (F-4).
 6. **Dung BX**, Gomi T, Miyata S, Sidle RC, Kosugi K, Onda Y. 2012. Field observation and modeling for the effects of forest thinning on runoff generation in headwater catchments. *The International Session in General Meeting of Japan Society of Erosion Control Engineering*, Kochi City, Japan 23-25 May, 2012.
 7. **Dung BX**, Gomi T, Ozaki H, Ninomiya-Lim S. 2011. Developing a monitoring station for runoff in northern catchment of Vietnam. Report of Overseas Field training, Folens program. Tokyo University of Agriculture and Technology, Japan. (http://www.tuat.ac.jp/~folens/report/oct_2011_vietnam.html).

POSTER PRESENTATIONS

1. Nam S, Gomi T, Onda Y, Kato H, **Dung BX**, Hiraoka M. 2014. Examining responses of suspended sediment transports after intense thinning in a forested headwater catchment using nested monitoring. *American Geophysical Union, Fall Meeting 2014, San Francisco, California, USA, 15-19 December* (H51G-0697)
2. **Dung BX**, Gomi T, Onda Y, Kato H and Hiraoka M. 2013. Hydrological responses to strip thinning and catchment scales in Japanese headwater basins. International symposium on sediment disasters under the influence of climate change and tectonic activity (3rd) Kyoto, Japan, 26-27 September 2013.
3. Nam S, Gomi T, Onda Y, Kato H, **Dung BX**, Hiraoka M. 2013. Effects of strip thinning on suspended sediment yields using paired-catchment analysis. *General Meeting of Japan Society of Erosion Control Engineering*, Shizuoka, Japan 29-30 May, 2013.
4. **Dung BX**, Gomi T, Onda Y, and Hiraoka M. 2013. Forest thinning and scale effects on hydrological processes in forested headwater. *General Meeting of Japan Society of Erosion Control Engineering*, Shizuoka, Japan 29-31 May, 2013.
5. **Dung BX**, Gomi T, Onda Y, Kato H, Hiraoka M. 2013. Examining the effects of forest thinning on hydrological processes at different catchment scales in forested headwater. *European Geosciences Union General Assembly 2013*. Vienna, Austria, 7-12 April, 2013 (EGU2013-1624).
6. Gomi T, **Dung BX**, Onda Y, Tsujimura M, Hiraka A, Kato H, Hiraoka M. 2013. Scaling effects on runoff responses after forest harvesting in headwater catchments. *US-Japan Joint Seminar on Catchment Hydrology and Forest Biogeochemistry*. Hawaii Imin International Conference Center, East-West Center, US, March 4-7, 2013.

7. **Dung BX**, Gomi T, Hiraoka M. 2012. Changing in hydrological processes after forest thinning in forested headwater catchments of Japan. *Soil seminar*. Tokyo University of Agriculture and Technology, Japan 11th December, 2012.
8. **Dung BX**, Gomi T . 2012. Hydrological responses to strip and random thinning in headwater catchments draining Japanese cedar and cypress forests. *The 4th International Symposium of FOLENS* (Education Program for Field-Oriented Leaders in Environmental Sectors in Asia and Africa). Tokyo University of Agriculture and Technology, Japan 29th November, 2012.
9. **Dung BX**, Gomi T, Onda Y, Miyata S, Kato H, Sidle RC, and Hiraoka M. 2012. Paired-catchment analysis for evaluating the effects of forest thinning on hydrological processes in Japanese headwaters. *The 3rd International Conference on Forests and Water in a Changing environment*. Fukuoka, Japan, 18-20 September, 2012 (b-3).
10. Tei R, Fukushima T, Onda Y, Kato H, Gomi T, **Dung BX**, Nam S. 2012. Influence of Thinning on Nutrient Dynamics in Plantation Forested Watersheds. *The 3rd International Conference on Forests and Water in a Changing environment*. Fukuoka, Japan, 18-20 September, 2012 (a-11).
11. Nam S, Gomi T, Onda Y, Kato H, Tesfaye TM, Hiraoka M, **Dung BX**. 2012. Changes in Suspended Sediment Yields due to forest thinning in the headwater catchments, central Japan: Analysis of hysteresis pattern and radionuclide fingerprinting approach. *The 3rd International Conference on Forests and Water in a Changing environment*. Fukuoka, Japan, 18-20 September, 2012 (d-9).
12. **Dung BX**, Gomi T, Miyata S, Sidle RC, Kosugi K, Onda Y. 2011. Hydrologic responses to forest thinning in Japanese headwater catchment. *American Geophysical Union, Fall Meeting 2011, San Francisco, California, USA, 5-9 December* (H33D-1348).
13. **Dung BX**, Gomi T, Miyata S, Kosugi K, Onda Y. 2011. Effects of forest thinning on plot and catchment runoff responses in Japanese headwater basins. *International Exchange Meeting for Foreigner in JSRCE Meeting*. The Japan Society of Erosion Control Engineering, Kanagawa University, Yokohama, Japan 18-19th May, 2011.
14. **Dung BX**, Gomi T . 2010. Runoff responses to forest thinning from hillslope to catchment scale in a Japanese headwater. *The Second International Symposium of Education Program for Field-Oriented Leaders in Environmental Sectors in Asia and Africa (FOLENS)*, Tokyo University of Agriculture and Technology, December 3rd, 2010.
15. **Dung BX**, Gomi T, Miyata S, Kosugi K, Onda Y. 2010. Runoff responses to forest thinning from hillslope to catchment scale in a Japanese headwater, *Eos Transactions, American Geophysical Union, 91 (26), 2010 Western Pacific Geophysics Meeting. Suppl. (H21A-153)*, Taipei International Convention Center, Taipei, Taiwan 22-25 June, 2010.

15. Countries of Work Experience:

Date from - Date to	Location	Company& reference person (name & contact details)	Position	Description
2003	Vietnam	Funded by Vietnam-Netherlands Government	Member research	Research on management solutions of natural resource base for the Hmong community in Muong Te district, Lai Chau province
2003-2005	Vietnam	Funded by MOST	Member research	Study on solution establishment for preventing and overcoming the consequences of forest fire in U Minh and Central highland regions, Vietnam
2005	Vietnam	Funded by Japan Government	Principal Investigator	Method for determining the amount of carbon accumulation and the ability to collect from the Clean Development Mechanism (CDM) in plantations in Xuan Mai, Ha Tay and Luong Son, Hoa Binh
2006-2007	Vietnam	Funded by MARD	Member research	Defining required forest area for Vietnam
2008-2010	Japan	Funded by Japan Government	Principal Investigator	Evaluating effects of forest thinning on overland flow in forested headwater catchments
2010-2013	Japan	Funded by Japan Government	Principal Investigator	Scaling effects on runoff responses after forest thinning in headwater catchments
2011-2012	America	Funded by Japan Government	Principal Investigator	Peak flow responses and recession flow characteristics after forest thinning in headwater catchment
2013-2014	Vietnam	Funded by Vietnam Forestry University	Principal Investigator	Characteristics of flow regime and water quality from forested catchment at Luot mountain, Hanoi
2014-2015	Vietnam	Funded by Vietnam Forestry University	Principal Investigator	Infiltration characteristics of land use types in Luot mountain, Hanoi
2015-2016	Vietnam	Funded by Vietnam Forestry University	Principal Investigator	Impacts of land cover types on runoff generation and soil erosion in Luot mountain, Hanoi
2016-2017	Vietnam	Funded by Vietnam Forestry University	Principal Investigator	Evaluating water quality characteristic of Bui river from up-stream to XuanMai, HaNoi

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged

BUI XUAN DUNG

Signature& Full Nam