

# Curriculum Vitae

## Personal information

First name(s) / Surname(s)

Address(es)

Telephone(s)

Fax(es)

E-mail

Nationality

Date of birth

Gender

**Vibol SAN**

Royal University of Phnom Penh, Faculty of Science,  
Department of Environmental Science, Room 112, Main Building,  
Postal Code: 12150, Russian Confederation Blvd., Phnom Penh, Cambodia.

Mobile: +855 16 254 348

+855 23 880 116

[san.vibol@rupp.edu.kh](mailto:san.vibol@rupp.edu.kh) / [sanvibol@gmail.com](mailto:sanvibol@gmail.com)

Cambodian

10.05.1981

Male

## EDUCATION

### Dates

**August – November 2011**

Title of qualification awarded

Australian Leadership Award Fellowship (ALA Fellowship)

Principal subjects/occupational skills covered

Environmental Development and Management

Name and type of organisation providing education and training

Crawford School of Environmental Development and Management, The Australian National University (ANU), Australia; Website: <http://www.anu.edu.au>

Level in national or international classification

Ranked 2th in the Australian University Rankings in 2011.

### Dates

**March – June 2009**

Title of qualification awarded

Internship

Principal subjects/occupational skills covered

- Arsenic in groundwater in Cambodia  
- Trace metal in environment

Name and type of organisation providing education and training

International Environmental Research Center (IERC), Gwangju Institute of Science and Technology (GIST), 261 Cheomdan-gwagiro (Oryong-dong), Buk-gu, Gwangju 500-712, Republic of Korea; Email: [suthi@gist.ac.kr](mailto:suthi@gist.ac.kr); Website: <http://www.gist.ac.kr>

Level in national or international classification

Ranked 10th in the world in Citations per Faculty in the QS World University Rankings in 2010.

### Dates

**June 2005– June 2007**

Title of qualification awarded

Master degree of Philosophy in Environmental Technology

Principal subjects/occupational skills covered

Thesis Title: 'Comparative Estimation of GHG Emission from Rice Field Using Specific Emission Factors of Rice Straw Management', Empirical research that direct contributes to establish GHG inventory.

Name and type of organisation providing education and training

The Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi (KMUTT), Bangkok, Thailand, Website: <http://www.jgsee.kmutt.ac.th>

Level in national or international classification

1<sup>st</sup> ranking in field of Energy and Environment in national level

### Dates

**September 1999– September 2003**

Title of qualification awarded

Bachelor of Science in Agricultural Technology and Management

Principal subjects/occupational skills covered

Thesis Title: 'Techniques and Human Resources in Agro-Industrial Enterprises in Cambodia', The study was mainly focused on agricultural engineering.

Name and type of organisation providing education and training

Faculty of Agricultural Technology and Management, Royal University of Agriculture, Phnom Penh, Cambodia, Website: <http://www.rua.edu.kh>

Level in national or international classification

1<sup>st</sup> ranking in field of Agriculture in national level

## **WORK EXPERIENCE**

<b>Dates</b>	<b>January 2008 to Present</b>
Occupation or position held	Researcher and Lecturer (Government Officer)
Main activities and responsibilities	Conducting research projects, developing research proposal, teaching some courses such as Introduction to Environment, Energy and Environment Economics, Climate Change and Ecosystem, REDD+ and PES, and Statistics and SPSS, supervising bachelor students in writing their thesis related energy and environment, climate change, and sustainable hydropower development.
Name and address of employer	Royal University of Phnom Penh, Faculty of Science, Department of Environmental Science, Postal Code: 12150, Russian Confederation Blvd., Phnom Penh, Cambodia; E-mail: <a href="mailto:iceav@camnet.com.kh">iceav@camnet.com.kh</a> ; Website: <a href="http://www.rupp.edu.kh">http://www.rupp.edu.kh</a>
Type of University	State University
<b>Dates</b>	<b>01 February 2014 – Present (duration: 12 months)</b>
Occupation or position held	Project Leader
Project title	Intra-Household Impacts of Climate Hazards in Coastal Communities: A Cross Country Perspective
Main activities and responsibilities	Preparing meeting among project members, designing questionnaire, designing sampling technique, collecting data, analysing data, writing report and papers
Name and address of financier	EEPSEA-WorldFish, website: <a href="http://www.eepsea.net/">http://www.eepsea.net/</a>
<b>Dates</b>	<b>01 May 2013 – Present (duration: 24 months)</b>
Occupation or position held	Research Team Leader
Project title	Effective Energy Efficiency Policy Implementation Targeting “New Modern Energy Consumers” in the Greater Mekong Sub-Region (MECON)
Main activities and responsibilities	Baseline information and energy data analysis, energy efficiency technology study, socio-economic perspective analysis, cost-benefit analysis of energy efficiency technology and policy analysis (for Cambodian partner)
Name and address of project leader	Kunthy SOK, Royal University of Agriculture (RUA), Email: <a href="mailto:s_kunthy2005@yahoo.com">s_kunthy2005@yahoo.com</a>
Name and address of financier	EPSRC Poineering Research and Skills, United Kingdom, Website: <a href="http://www.epsrc.ac.uk">http://www.epsrc.ac.uk</a>
<b>Dates</b>	<b>February 2013 – Present</b>
Occupation or position held	Co-Researcher
Project title	Renewable Energy: Curriculum Development in the Department of Physics.
Main activities and responsibilities	Biofuels and Biodiesel Study, Renewable Energy Economic Study
Name and address of project leader	Dr. Chhoumm Navy, Head of Department of Physics, Royal University of Phnom Penh Email: <a href="mailto:chhoumm_navy@yahoo.com">chhoumm_navy@yahoo.com</a>
Name and address of financier	World Bank, Website: <a href="http://www.worldbank.org/">http://www.worldbank.org/</a>
<b>Dates</b>	<b>August 2012 – Present</b>
Occupation or position held	Research Team Leader: Deforestation Driver Identification and Socio-Economic Assessment
Project title	Methods for Estimating Carbon Emissions from Deforestation and Forest Degradation
Main activities and responsibilities	Identifying the drivers of deforestation and forest degradation for determining the baseline practices of forest-dependent communities and threats to forests.
Name and address of project leader	Assoc. Prof. Dr. Nophea Sasaki, University of Hyoko, Email: <a href="mailto:nopsasaki@gmail.com">nopsasaki@gmail.com</a>
<b>Dates</b>	<b>November 2012 – October 2013</b>
Occupation or position held	Co-Researcher
Project title	Community-based monitoring and conservation of threatened fish species in the 3S (Sekong, Sesan and Srepok) region
Main activities and responsibilities	Setting up fish monitoring group at study sites; determining catch-per-unit-effort and examine environmental variables influencing fish communities; and promoting conservation awareness and develop an appropriate conservation measurement for the conservation of threatened fishes among local villagers.
Name and address of project leader	Ms. Chouly Ou, Lecturer, Department of Environmental Science, Royal University of Phnom Penh. Email: <a href="mailto:chouly.ou@gmail.com">chouly.ou@gmail.com</a>

Name and address of financier	Critical Ecosystem Partnership Fund (CEPF), Conservation International, 2011 Crystal Drive, Suite 500, Arlington, VA 22202, USA; Phone: (+1) 703 341-2400- Fax: (+1) 703 553-0721; Email: <a href="mailto:cepf@conservation.org">cepf@conservation.org</a> ; Website: <a href="http://www.cepf.net">http://www.cepf.net</a>
<b>Dates</b>	<b>June – August 2013</b>
Occupation or position held	Climate Change Specialist
Project title	Climate Change Strategic Plan in Fisheries Sector in Cambodia
Main activities and responsibilities	Revising the main text of the FiA CCSP (Fisheries Administration Climate Change Strategic Plan); elaborating the activity plan; designing and supporting a national consultation workshop
Employer	WorldFish Center, Cambodia; Website: <a href="http://www.worldfishcenter.org">http://www.worldfishcenter.org</a>
<b>Dates</b>	<b>March – August 2012</b>
Occupation or position held	Climate Change Adaptation and GHGs Mitigation Specialist
Project title	Strategy on Climate Change Adaptation and GHGs Mitigation for Transport Sector in Cambodia
Main activities and responsibilities	Analysing the current trend of climate variation in Cambodia; reviewing existing adaptation and mitigation activities in Cambodia related to public infrastructure and transport sector; and recommending good strategies to adapt to climate change and mitigate GHGs in public infrastructure and transport sector
Employer	Department of Planning, Ministry of Public Work and Transport; Website: <a href="http://www.mpwt.gov.kh">http://www.mpwt.gov.kh</a>
<b>Dates</b>	<b>May 2011 – September 2012</b>
Occupation or position held	Co-Researcher
Project title	Community Based Protection and Monitoring of Threatened Bird Biodiversity in Sekong River IBA (Koh Thbong Island and Surrounding Area)
Main activities and responsibilities	Designing questionnaire, designing sampling technique, collecting data, analysing data, writing report
Name and address of project leader	Mr. Sophat SEAK; Royal University of Phnom Penh (RUPP), Department of Environmental Science Postal Code: 12150, Russian Confederation Blvd., Phnom Penh, Cambodia; E-mail: <a href="mailto:seak.sophat@rupp.edu.kh">seak.sophat@rupp.edu.kh</a> ; Website: <a href="http://www.rupp.edu.kh">http://www.rupp.edu.kh</a>
Name and address of financier	Critical Ecosystem Partnership Fund (CEPF), Conservation International, 2011 Crystal Drive, Suite 500, Arlington, VA 22202, USA; Phone: (+1) 703 341-2400- Fax: (+1) 703 553-0721; Email: <a href="mailto:cepf@conservation.org">cepf@conservation.org</a> ; Website: <a href="http://www.cepf.net">http://www.cepf.net</a>
<b>Dates</b>	<b>March 2012 – August 2012</b>
Occupation or position held	Co-Researcher
Project title	Utilizing Indigenous Knowledge for Natural Resources Management and Sustainable Livelihood Development: A Case Study of Ethnic People in Boeng Cha Commune, Sambour District, Kratie Province, Cambodia
Main activities and responsibilities	Designing questionnaire, designing sampling technique, collecting data, analysing data, writing report
Name and address of project leader	Mr. Phanith CHOU; Royal University of Phnom Penh (RUPP), Department of Environmental Science Postal Code: 12150, Russian Confederation Blvd., Phnom Penh, Cambodia; E-mail: <a href="mailto:c.phanith@gmail.com">c.phanith@gmail.com</a> ; Website: <a href="http://www.rupp.edu.kh">http://www.rupp.edu.kh</a>
Name and address of financier	Greater Mekong Subregion Tertiary Education Consortium Trust (GMSTEC), PO Box 600, Wellington, New Zealand: Tel 64 4 463-5921, Fax 64 4 463-5056; Email: <a href="mailto:jeff.howe@gmstec.org">jeff.howe@gmstec.org</a> ; Website: <a href="http://www.gmstec.org/">http://www.gmstec.org/</a>
<b>Dates</b>	<b>June 2011 – March 2012</b>
Occupation or position held	Co-Researcher
Project title	Willingness to Pay for Drinking Water Quality Improvement in Cambodia: Using Hypothetical Baselines in Stated Preference Studies
Main activities and responsibilities	Designing questionnaire, designing sampling technique, collecting data, analysing data, writing report
Name and address of project leader	Mr. Vin Spoann; Royal University of Phnom Penh (RUPP), Department of Environmental Science Postal Code: 12150, Russian Confederation Blvd., Phnom Penh, Cambodia; E-mail: <a href="mailto:vinrupp@yahoo.com">vinrupp@yahoo.com</a> or <a href="mailto:spoann.vin@rupp.edu.kh">spoann.vin@rupp.edu.kh</a> ; Website: <a href="http://www.rupp.edu.kh">http://www.rupp.edu.kh</a>
Name and address of financier	Economy and Environment Program of Southeast Asia (EEPSEA), South Bridge Court, No. 22 Cross Street #02-55, Singapore, Republic of Singapore, 048421; Phone: (+65) 6438-7877- Fax: (+65) 6438-4844; Email: <a href="mailto:Hfrancisco@idrc.org.sg">Hfrancisco@idrc.org.sg</a> ; Website: <a href="http://www.eepsea.org">http://www.eepsea.org</a>

<b>Dates</b>	<b>April 2010 – May 2011</b>
Occupation or position held	Project Leader
Project title	Identification of REDD Potential and Variation in Woodfuel Demand Chamriey Mountain Area, Cambodia
Main activities and responsibilities	Preparing meeting among project members, designing questionnaire, designing sampling technique, collecting data, analysing data, writing report and papers
Name and address of financier	Economy and Environment Program of Southeast Asia (EEPSEA), South Bridge Court, No. 22 Cross Street #02-55, Singapore, Republic of Singapore, 048421; Phone: (+65) 6438-7877- Fax: (+65) 6438-4844; Email: <a href="mailto:Hfrancisco@idrc.org.sg">Hfrancisco@idrc.org.sg</a> ; Website: <a href="http://www.eepsea.org">http://www.eepsea.org</a>
Type of program	Support training and research in environmental and resource economics
<b>Dates</b>	<b>June 2010 to May 2011</b>
Occupation or position held	Project Leader
Project title	Assessment of the Energy Potential, and Environmental and Economic Cost of Rural Energy Household Consumption, Cambodia.
Main activities and responsibilities	Preparing meeting among project members, designing questionnaire, designing sampling technique, collecting data, analysing data, writing report and papers
Name and address of financier	Cambodia Development and Research Institute (CDRI), 56 Street 315, Tuol Kork, Phnom Penh, Cambodia, Postal address: PO Box 622, Phnom Penh, Cambodia, Phone: (+855) 23 883 603 -Fax: (855-23) 880-734; E-mail: <a href="mailto:cdri@wicam.org.kh">cdri@wicam.org.kh</a> ; Website: <a href="http://www.cdri.org.kh">http://www.cdri.org.kh</a>
Type of program	An independent Cambodian development policy research institute
<b>Dates</b>	<b>June 2009 to June 2012</b>
Occupation or position held	Project member
Project title	Climate Change in the Health and Water Sectors: Vulnerability Assessment and Adaptation Linkage.
Main activities and responsibilities	Data collection and entry
Name and address of project leader	Prof. Tony McMichael; Australian National University, Australia.
Name of financier	Australian Development Research Award, AusAID.
<b>Dates</b>	<b>October 2008 to November 2011</b>
Occupation or position held	Cambodian representative of APN project
Project title	Collaborative Research on Sustainable Urban Water Quality Management in Southeast Asian Countries: Analysis of Current Status (Comparative Study) and Strategic Planning for Sustainable Development.
Main activities and responsibilities	Collecting river water samples in dry and wet season from Bassac and Tonle Sap River, designing sampling technique, collecting secondary data, analysing river water samples, writing report and papers
Name and address of project leader	Dr. Suthipong Sthiannopkao; International Environmental Research Center (IERC), Gwangju Institute of Science and Technology (GIST), 261 Cheomdan-gwagiro (Oryong-dong), Buk-gu, Gwangju 500-712, Republic of Korea; Email: <a href="mailto:suthi@gist.ac.kr">suthi@gist.ac.kr</a> ; Website: <a href="http://www.gist.ac.kr">http://www.gist.ac.kr</a>
Name and address of financier	Asia-Pacific Network for Global Change Research (APN), East Building, 4F 1-5-2 Wakinhama Kaigan Dori, Chuo-ku, Kobe 651-0073, JAPAN; Phone : +81-78-230-8017- Fax: +81-78-230-8018;Website: <a href="http://www.apn.gr.jp">http://www.apn.gr.jp</a>
Type of program	The Asia-Pacific Network for Global Change Research (APN) is a network of member country governments
<b>Dates</b>	<b>July 2009 to August 2011</b>
Occupation or position held	Member of Climate Change Advisory Panel
Project title	Human and Climate Change
Main activities and responsibilities	Revising the report and providing the comments
Name and address of project leader	United Nation Development Programme (UNDP), Cambodia
Type of program	UN family

<b>Dates</b>	<b>March - May 2010</b>
Occupation or position held	Co-Researcher
Project title	Why Unconnected Households Are Not Connected to Urban Water Supply? Evidence from Siem Reap Municipality
Main activities and responsibilities	Designing questionnaire, designing sampling technique, collecting data, analysing data, writing report
Name and address of project leader	Mr. Spoann Vin; Royal University of Phnom Penh (RUPP), Department of Environmental Science Postal Code: 12150, Russian Confederation Blvd., Phnom Penh, Cambodia; E-mail: <a href="mailto:vinrupp@yahoo.com">vinrupp@yahoo.com</a> or <a href="mailto:spoann.vin@rupp.edu.kh">spoann.vin@rupp.edu.kh</a> ; Website: <a href="http://www.rupp.edu.kh">http://www.rupp.edu.kh</a>
Name and address of financier	Economy and Environment Program of Southeast Asia (EEPSEA), South Bridge Court, No. 22 Cross Street #02-55, Singapore, Republic of Singapore, 048421; Phone: (+65) 6438-7877- Fax: (+65) 6438-4844; Email: <a href="mailto:Hfrancisco@idrc.org.sg">Hfrancisco@idrc.org.sg</a> ; Website: <a href="http://www.eepsea.org">http://www.eepsea.org</a>
Type of program	Support training and research in environmental and resource economics
<b>Dates</b>	<b>March 2009 – September 2010</b>
Occupation or position held	Co-Researcher
Project title	Value of Small Scale Jatropha Curcas Plantation in Cambodia
Main activities and responsibilities	Designing questionnaire, designing sampling technique, collecting data, analysing data, revising the report
Name and address of project leader	Mr. Nyda Chhin; Royal University of Phnom Penh (RUPP), Department of Environmental Science Postal Code: 12150, Russian Confederation Blvd., Phnom Penh, Cambodia; E-mail: <a href="mailto:chhin.nyda@rupp.edu.kh">chhin.nyda@rupp.edu.kh</a> ; Website: <a href="http://www.rupp.edu.kh">http://www.rupp.edu.kh</a>
Name and address of financier	Economy and Environment Program of Southeast Asia (EEPSEA), South Bridge Court, No. 22 Cross Street #02-55, Singapore, Republic of Singapore, 048421; Phone: (+65) 6438-7877- Fax: (+65) 6438-4844; Email: <a href="mailto:Hfrancisco@idrc.org.sg">Hfrancisco@idrc.org.sg</a> ; Website: <a href="http://www.eepsea.org">http://www.eepsea.org</a>
Type of program	Support training and research in environmental and resource economics
<b>Dates</b>	<b>September – December 2009</b>
Occupation or position held	National Consultant – Environmental Specialist
Project title	Greater Mekong Subregion Southern Coastal Corridor Project (GMSSCCP) in Cambodia
Main activities and responsibilities	<ul style="list-style-type: none"> <li>- Developing Initial Environmental Examination (IEE) report</li> <li>- Developing Environmental Monitoring Plan (EMoP) report</li> <li>- Developing Environmental Mitigation Plan (EMP) report</li> </ul>
Name and address of project leader	Ministry of Public Work and Transport (MPWT), Phnom Penh, Cambodia; E-mail: <a href="mailto:psoviceano@online.com.kh">psoviceano@online.com.kh</a> ; Website: <a href="http://www.mpwt.gov.kh">http://www.mpwt.gov.kh</a>
Name and address of financier	ADB LOAN 2373 – CAM (SF)
Type of program	Road improvement and cross border facility construction project
<b>Dates</b>	<b>August 10-25, 2009</b>
Occupation or position held	Project Evaluation Team Leader
Project title	Reservoir Improvement and Eco-Tourism
Main activities and responsibilities	Research design, data collection, data analysis, report writing
Name and address of employer	Sihanouk Ville Municipality
Name and address of financier	UNDP
Type of program	State institution
<b>Dates</b>	<b>August 2008 - August 2009</b>
Occupation or position held	Project Counterpart
Project title	Second National Communication on Climate Vulnerability and Adaptation Assessment
Main activities and responsibilities	Research design, questionnaire development, data collection, data analysis
Name and address of project leader	Dr. Ponlok Tin, Ministry of Environment, Phnom Penh, Cambodia; E-mail: <a href="mailto:etap@online.com.kh">etap@online.com.kh</a> ; Website: <a href="http://www.moe.gov.kh">http://www.moe.gov.kh</a>
Name and address of employer	Department of Climate Change, Ministry of Environment
Name and address of financier	UNFCCC

Type of program	Climate Vulnerability and Adaptation Assessment
<b>Dates</b>	<b>February – August 2008</b>
Occupation or position held	Project Leader
Project title	Carbon Sequestration in System of Rice Intensification in Prey Veng Province
Main activities and responsibilities	Research design, questionnaire development, soil sample collection, soil analysis, report writing
Name and address of financier	Nordic Agency for Development and Ecology, Denmark
Type of program	Assessment of carbon store in rice field
<b>Dates</b>	<b>August 2007 – December 2007</b>
Occupation or position held	Lecturer and Researcher
Main activities and responsibilities	<ul style="list-style-type: none"> <li>- Teaching: Environmental Science, Water Supply and Sanitation, Agricultural Waste Management, Research Methodology and English.</li> <li>- Strengthening the Royal University of Agriculture's networking with Kyoto University in relation to New Energy Initiatives and Environment.</li> <li>- Supervising the students in writing their thesis for completing their bachelor degree related to energy and environment</li> </ul>
Name and address of employer	Faculty of Agricultural Technology and Management, Royal University of Agriculture, Phnom Penh, Cambodia, Website: <a href="http://www.rua.edu.kh">http://www.rua.edu.kh</a>
Type of program	State University
<b>Dates</b>	<b>November 2003 – May 2005</b>
Occupation or position held	Lecturer and Assistant to Dean
Main activities and responsibilities	Lecturer (English and Agricultural Waste Management), translation of documents from English to Cambodian Language, administrative work, curriculum development, project assistant, report preparation, assisting students in writing their thesis, arranging the laboratory for students to practice
Name and address of employer	Faculty of Agricultural Technology and Management, Royal University of Agriculture, Phnom Penh, Cambodia, Website: <a href="http://www.rua.edu.kh">http://www.rua.edu.kh</a>
Type of program	State University
<b><u>TRAINING</u></b>	
<b>Dates</b>	<b>11-21 July 2012</b>
Title of qualification awarded	Training Workshop
Principal subjects/occupational skills covered	Workshop on the Role of Forest Resource Management in GMS
Name and type of organisation providing education and training	Asia-Pacific Network for Sustainable Forest Management and Rehabilitation (APFNet), 6th Floor, Baoneng Center, 12 Futong Dongdajie, Chaoyang District, Beijing 100102, P.R. China; Website: <a href="http://www.apfnet.cn/">http://www.apfnet.cn/</a>
Training location	Yunnan, China
<b>Dates</b>	<b>5-9 December 2011</b>
Title of qualification awarded	Training course
Principal subjects/occupational skills covered	"ENPEP-BALANCE Model Training Workshop"
Name and type of organisation providing education and training	Energy Studies Institute, National University of Singapore (NUS), 29 Heng Mui Keng Terrace, Block A #10-01, Singapore 119620, 65-6516 2000 (DID), 65-6775 1831 (Fax), Email: <a href="mailto:esilyyj@nus.edu.sg">esilyyj@nus.edu.sg</a> ; Website: <a href="http://www.nus.edu.sg">http://www.nus.edu.sg</a>
Training location	Singapore
<b>Dates</b>	<b>1-11 August 2011</b>
Title of qualification awarded	Training course
Principal subjects/occupational skills covered	"Behavioral Economics Course for Environmental Management"
Name and type of organisation providing education and training	Economy and Environment Program for Southeast Asia (EEPSEA); Website: <a href="http://www.eepsea.org">http://www.eepsea.org</a>



Training location Ho Chi Minh City, Vietnam

**Dates** 6-9 November 2010

Title of qualification awarded Training course

Principal subjects/occupational skills covered "Stated Preference Methods Training Course"

Name and type of organisation providing education and training Economy and Environment Program for Southeast Asia (EEPSEA); Website: <http://www.eepsea.org>

Training location Kota Kinabalu, Malaysia

**Dates** 11-14 October 2010

Title of qualification awarded Training course

Principal subjects/occupational skills covered "Integrated Coastal Management (ICM) Training of Trainers Course"

Name and type of organisation providing education and training Coastal and Ocean Management Institute (COMI) – Xiamen University and Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)

Training location Xiamen University, Xiamen, PR China

**Dates** 13-17 July 2009

Title of qualification awarded Training course

Principal subjects/occupational skills covered "Overview of Environmental Economics and Research Methods"

Name and type of organisation providing education and training Jointly organized by Economy and Environment Program for Southeast Asia (EEPSEA) and Royal University of Phnom Penh (RUPP)

Training location Sihanouk Ville, Cambodia

**Dates** 25-28 August 2009

Title of qualification awarded Training course

Principal subjects/occupational skills covered "Climate Vulnerability and Adaptation Assessment"

Name and type of organisation providing education and training Ministry of Environment (MoE), Cambodia

Training location Ministry of Environment, Phnom Penh, Cambodia

**Dates** 11-22 July 2008

Title of qualification awarded Training course

Principal subjects/occupational skills covered "Sustainable Communities Course BANGKOK: Bridging the Gap between Research and Action"

Name and type of organisation providing education and training Helsinki University of Technology

Training location Asian Institute of Technology, Bangkok, Thailand

## Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

**English**

## Cambodian Language

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Good	Good	Good	Good	Good

## Additional information

### PUBLICATION

#### Manuscript

- 1) Kenneth Widmer, Nguyen Thi Van Ha, Soydoa Vinitnantharat, Suthipong Sthiannopkao, Setiawan Wangsaatmaja, Maria Angela Novi Prasetiati, Nguyen Cong Thanh, Kasame Thepnoo, Arief Dhany Sutadian, Huynh Thi Thanh Thao, Deby Fapyane, **Vibol San**, Pierangeli Vital, Hor-Gil Hur. (2013). Prevalence of *Escherichia coli* in surface waters of Southeast Asian cities, *World J Microbiol Biotechnol*, DOI 10.1007/s11274-013-1376-3
- 2) **Vibol San**, Tharith Sriv, Vin Spoann (2012) Economic and environmental costs of rural household energy consumption structures in Sammeakki Meanchey district, Kampong Chhnang Province, Cambodia, *Energy*, 48:484-491, <http://dx.doi.org/10.1016/j.energy.2012.10.017>
- 3) **Vibol San**, Vin Spoann, Dalin Ly, Chheng Ngov Veng (2012) Fuelwood consumption patterns in Chumriey Mountain, Kampong Chhang Province, Cambodia. *Energy*, 44:335-346. <http://dx.doi.org/10.1016/j.energy.2012.06.025>
- 4) Penradee Chanpiwat, Suthipong Sthiannopkao, Kyung Hwa Cho, Kyoung-Woong Kim, **Vibol San**, Boukeo Suvanthong, Chantha Vongthavady. (2011), Contamination by arsenic and other trace elements of tube-well water along the Mekong River in Lao PDR, *Environmental Pollution*, 159:567-576. <http://dx.doi.org/10.1016/j.envpol.2010.10.007>
- 5) **Vibol, S.**, Towprayoon, S. (2010), Estimation of methane and nitrous oxide emissions from rice field with rice straw management during 2005-2006 in Cambodia, *Springer, Environ Monit Assess*, 161:301-313.

#### Theses

- 1) **Vibol San**. 2007. Comparative Estimation of GHG Gas Emission from Rice Field Using Specific Emission Factors with Rice Straw Management. A Thesis Submitted as a Part of the Requirements for the Degree of Master of Philosophy in Environmental Technology, The Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thoburi (KMUTT), Bangkok, Thailand.
- 2) **Vibol San**. 2003. Techniques and Human Resources in Agro-Industrial Enterprises in Cambodia. A Thesis Submitted as a Part of the Requirements for the Degree of Bachelor of Science in Agricultural Technology and Management, Royal University of Agriculture, Cambodia.

#### Report

- 1) **Vibol San**, Ham Kimkong (2012) Strategy on Climate Change Adaptation and GHGs Mitigation for Transport Sector in Cambodia. *Ministry of Public Works and Transport (MPWT)*.
- 2) Phanith Chou, **Vibol San**, Chan Sopheaktran Sovann (2012) Utilizing Indigenous Knowledge for Natural Resources Management and Sustainable Livelihood Development: A Case Study of Ethnic People in Boeng Cha Commune, Sambour District, Kratie Province, Cambodia. *Royal University of Phnom Penh (RUPP)*.
- 3) Sophat Seak, **Vibol San**, Vin Spoann (2012) Community Based Protection and Monitoring of Threatened Bird Biodiversity in Sekong River IBA (Koh Thbong Island and Surrounding Area). *Royal University Phnom Penh (RUPP)*.
- 4) Vin Spoann, **Vibol San**, Phanith Chou (2012) Willingness to Pay for Drinking Water Quality Improvement in Cambodia: Using Hypothetical Baselines in Stated Preference Studies. *Economy and Environment Program of Southeast Asia (EEPSEA)*.
- 5) Dany Va, Nyda Chhinh, **Vibol San** (2012) Climate Change in the Health and Water Sectors: Vulnerability Assessment and Adaptation Linkage. *Australian National University (ANU)*.
- 6) **Vibol San**, Vin Spoann, Nyda Chhinh, Sovandara Var (2011) Identification of REDD Potential and Variation in Woodfuel Demand Chamriey Mountain Area, Cambodia. *Economy and Environment Program of Southeast Asia (EEPSEA)*. **Vibol San**, Vin Spoann, Tharith Sriv (2011) Assessment of the Energy Potential, and Environmental and Economic Cost of Rural Energy Household Consumption, Cambodia. *Royal University of Phnom Penh (RUPP)*.
- 7) Sthiannopako Suthipong, Widmer Kenneth, Vinitnantharat Soydao, Ha Nguyen Thi Van, Wangsaatmaja Setiawan, Maria angela, **Vibol San** (2011) Collaborative Research on Sustainable Urban Water Quality Management in Southeast Asian Countries: Analysis of Current Status (Comparative Study) and Strategic Planning for Sustainable Development. *APN E-Lib*, accessed September 16, 2012, <http://www.apn-gcr.org/resources/items/show/1564>.



- 8) Vin Spoann, **Vibol San** (2010) Why Unconnected Households Are Not Connected to Urban Water Supply? Evidence from Siem Reap Municipality. *Economy and Environment Program of Southeast Asia (EEPSEA)*.
- 9) Nyda Chhinh, **Vibol San**, Vin Spoann (2010) Value of Small Scale Jatropa Curcas Plantation in Cambodia. *Economy and Environment Program of Southeast Asia (EEPSEA)*.
- 10) **Vibol San** (2009) Initial Environmental Examination Report. *Ministry of Public Work and Transport (MPWT), Phnom Penh, Cambodia*
- 11) Vibol San, Vin Spoann (2009) Reservoir Improvement and Eco-Tourism. *Sihanouk Ville Municipality*.
- 12) Vibol San (2008) Carbon Sequestration in System of Rice Intensification in Prey Veng Province. *Royal University of Phnom Penh (RUPP)*.

#### Conference paper

- 1) **Vibol San**, Dalin Ly, Neang Im Chek. (2013). Assessment of Sustainable Energy Potential of Non-Plantation Biomass Resources in Sameakki Meanchey District in Kampong Chhnang Province, Cambodia. The 4<sup>th</sup> International Conference on Environmental and Rural Development, Siem Reap, Cambodia, 19-20 January 2013
- 2) Dalin Ly, Sarom Men, **Vibol San**, Noel Durand, Jean-Claude Manez and Didier Montet. (2012). "Analytical survey on aflatoxin B1, ochratoxin A, fumonisin B1 and B2 of Cambodian rice". Proceedings of first AFSSA conference.
- 3) **Vibol San**, Suthipong Sthiannopkao, Kyoung-woong Kim, Penradee Chanpiwat, Boukeo Suvanthong, Chantha Vongthavady, Tayphasavanh Eengthong. (2009), Arsenic and Trace Elements in Groundwater of LAO PDR, 13th International Conference on Integrated Diffuse Pollution Management (IWA DIPCON 2009), Republic of Korea: 12-15 October 2009.
- 4) **Vibol San**, Towprayoon, S. (2007), Methane Emission from Rice Field as Affected by Crop Residue Management, Environment and Energy. Paper presented at Phuket Graceland Resort, Phuket, PSU-UNS international conference on Engineering and Environment ICEE-2007, Thailand.
- 5) Poster presentation and participating in Sustainable Energy and Environment Conference 2006 (SEE 2006) at Swissôtel Nai Lert Park, Bangkok, Thailand November 21-23, 2006. Topic of poster presentation is "The Effect of Rice Straw Management on Methane Emission in the Rice Field".

#### REFERENCES

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