

CURRICULUM VITAE



PERSONAL BACKGROUND:

Name : **NARETH**
Family Name : **NUT**
Sex : Male
Date of Birth : October 10, 1985
Place of Birth : Siem Reap Province, Cambodia
Nationality : Cambodian
Marital Status : Single
Present Address : #83, Street. 5, Borey Pipop Thmey Boeng Chhouk, Sangkat Phnom Penh Thmey, Khan Sen Sok, Phnom Penh, Cambodia
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EDUCATIONAL BACKGROUND:

2011-2013 : Master of Agricultural and Food Engineering, Soil and Water Engineering
Khon Kaen University, Khon Kaen, Thailand.
2005-2009 : Bachelor of Science, Agricultural Technology and Management
Royal University of Agriculture, Phnom Penh, Cambodia.
2002-2005 : Baccalaureate II, General Education
10 Makara 1979 High School, Siem Reap, Cambodia.

LANGUAGES:

Khmer : Mother tongue
English : Excellent
Thai : Good

PROFESSIONAL EXPERIENCES:

2013-Present : Lecturer and Researcher
Faculty of Agricultural Engineering, Royal University of Agriculture.
✓ Lecture and advise undergraduate students in hydrology, soil and water conservation engineering, on-farm and large irrigation and drainage system management, watershed management, hydrologic and hydraulic modeling, Groundwater modeling ;
✓ Conduct soil property analysis;

- ✓ Coordinate the projects on promoting sustainable agriculture in Samruong commune, Kampong Cham province, Cambodia. Project donor: Japan International Cooperation Agency (JICA) from April 2011-April 2016.
- ✓ Coordinate the projects on promoting non-formal education for sustainable development in Snuol commune, Kratie province, Cambodia. Project donor: Japan International Cooperation Foundation (JICF) from April 2013-April 2016.
- ✓ Coordinate the integrated project on sustainable agriculture in Cambodia. Project donor: Institute of Environmental Rehabilitation and Conservation (ERECON), Japan from April 2016-April 2021.

2012-2013 : Hydraulic and hydrological modeling technician
Water Resource and Environment Institute, Department of Agricultural Engineering, Faculty of Engineering, KhonKaen University, Thailand.

- ✓ Collecting and preparing data for simulating model
- ✓ Working with various models: SWAT, HEC-RAS, HEC-GeoRAS, WEAP, LEAP, GeoWEPP, Flo-2D, CropWat and so on.

2010-2011 : Project leader: Capacity Building Project funded by the French Embassy, Collaborative research projects.
Faculty of Agricultural Technology and Management, Royal University of Agriculture, Phnom Penh, Cambodia.

- ✓ Design action plan and planning all activities in the research project funded by FSP.
- ✓ Hold meeting with partners.
- ✓ Finalize all sorts of reports in Khmer, English to be submitted to RUA and FSP.
- ✓ Communicate and facilitate related works between RUA and FSP.
- ✓ Contribute to administrative work.
- ✓ Present final report of each phase of action plan.
- ✓ Participate in any activity necessary for success implementation of project.

2009-2011 : Administrator and Teacher Assistant
Faculty of Agricultural Technology and Management, Royal University of Agriculture, Phnom Penh, Cambodia

- ✓ Manager in charge of field trip and field research.

- ✓ Delivering courses to student.
- ✓ Work responsible for managing and controlling student during his/her studies and field practices.
- ✓ Delivering documentations to rector and others faculty involved.
- ✓ Writing monthly, semester, and annual report
- ✓ Managing all documents and lecturer's salary.

SHORT COURSES, TRAININGS AND SEMINARS:

- 9-11 August, 2016: Short course on ***“Groundwater Modeling, Technical Exchange”*** conducted by the **United State Army Corp of Engineers** at Raffles Le Royal Hotel, Phnom Penh, Cambodia.
- 5-9 October, 2015: Short course on ***“Water Resources Management for Smallholder Farmers”*** at the Royal University of Agriculture, Phnom Penh, Cambodia.
- 16-19 September, 2015: Seminar on ***“Climate Change: Challenge and Opportunities from Academic and Pragmatic Perspectives”*** at the Royal University of Agriculture, Phnom Penh, Cambodia.
- 20-21 August 2015: Training workshop on ***“Project Cycle Management”*** at Preah Sihanouk province, Cambodia.
- 16 May, 2014: Training on ***“Facilitating Workshop for Local Farmers”*** at Institute of Environmental Rehabilitation and Conservation (ERECON) Cambodia Branch at the Royal University of Agriculture, Phnom Penh, Cambodia.
- February-April 2014: Technical training in the field of Agricultural Machinery (Entry level) on ***“Expansion in crop yields and empowerment of farmers driven by agricultural mechanization with used farm equipment in Cambodia”*** at Posen Chey Social Development Center, Phnom Penh, Cambodia.
- 25 October, 2012: Training on ***“WEAP: Water Evaluation And Planning System”*** to the Northeast Thailand Futures Local Study, Khon Kaen University, Thailand.
- 19-20 May, 2010: Training Course on ***“Application of Pumping Equipment Focused on Energy Conservation”*** at Royal University of Agriculture (RUA) in Cooperation with EBARA Hatakeyama Memorial Fund, Phnom Penh, Cambodia.
- Diploma Degree in Horticulture. Ruppin - The Academic Center, Emek Hefer City, Israel, (Graduated July, 2009).

PAPERS AND PUBLICATIONS:

❖ Thesis and Dissertation:

Nut N., 2009. A comparison of efficiency between drip-fertigation system and hand-watering on cucumber growth. Undergraduate dissertation. Faculty of Agricultural Technology and Management, Royal University of Agriculture, Phnom Penh, Cambodia.

Nut N., 2013. Determination of flooding zone on Nam Phong River by HEC-RAS. Graduate dissertation (M.Eng. Thesis). Faculty of Engineering, Khon Kaen University, Thailand.

❖ Conference Proceeding and Paper Presented locally and internationally:

Nut, N. and V. Plermkamon. 2013. Estimation of flood damage on Nam Phong River by HEC-RAS. In the proceeding of the 6th International Conference of Thai Society of Agricultural Engineering, TSAE2013, pp.179-186.

Nut, N., J. Sakkhamduang and M. Mihara 2016. Community Based Adaptation (CBA) to Climate Change through Organic Agriculture: Case Study of Samroung Commune, Cambodia. In the proceeding of the International Conference on Climate Change, Biodiversity and Ecosystem Services for the Sustainable Development Goals: Policy and Practice In celebration of HRH Princess Maha Chakri Sirindhorn's 5th Cycle Birthday Anniversary 27-29 June 2016. The Sirindhorn International Environmental Park, Cha-am, Phetchaburi Province, Thailand.

❖ International Journal and Research Papers:

Kawabe, K., J. Sakkhamduang, N. Nut, and M. Mihara. 2015 . Promoting Education for Sustainable Development (ESD) in Greater Phnom Penh through Eri-culture as a Part of RCE Activities. Education for Sustainable Development. United Nations University-Institute for the Advanced Study of Sustainability. (Accepted)

Nut, N. and V. Plermkamon. 2015. Floodplain Mapping Using HEC-RAS and GIS in Nam Phong River Basin, Thailand. **International Journal of Environmental and Rural Development**, 6 (1), 153-158.

Hong, S., L. Lor, N. Nut, D. Theng, V. Vun, V. Ung, L. Hin and D. Phoung. The Comparison of Liquid Bio-slurry and Rice Husk Biochar Application on Dai Neang Chili Pepper (*Capsicum annum* L) Yield at Royal University of Agriculture. **International Journal of Environmental and Rural Development**, (Accepted and waiting for publishing).

Thai, S., S. Pech, L. Lor, N. Nut. 2016. Change in Effectiveness of Stung Chinit Irrigation System within a Social Economic and Climate Change Context in Santuk District, Kampong Thom province. **International Journal of Environmental and Rural Development**, (Accepted and waiting for publishing).

Nut, N., V. Plermkamon. and M. Mihara 2016. Coupling of SWAT and HEC-RAS for Flood Damage and Flood Risk Assessment, Nam Phong River Basin, Thailand. *International Journal of Environmental and Rural Development*, (Under Reviewing).

Sourn. T., N. Mao, and **N. Nut**. 2016. Effectiveness of Systematic Land Registration's Procedure under Order 01 for Strengthening Land Tenure Security in Cambodia. ***International Journal of Environmental and Rural Development***, (Under Reviewing).

REFEREES

Prof. Dr. Machito Mihara, Ph.D.

Professor at Faculty of Regional Environment Science, Tokyo University of Agriculture, Tokyo, Japan and President at Institute of Environmental Rehabilitation and Conservation (ERECON), Tokyo, Japan.

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Dean of Animal Science's faculty, Royal University of Agriculture, Cambodia.

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Asst. Prof. Dr. Vichian Plermkamon.

Head of Water Resource and Environment Institute, KhonKaen University, Thailand.

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CERTIFICATION

I certify that, to the best of my knowledge and belief, this bio-data correctly describes me, my qualifications and my experiences. I understand that any willful misstatement described herein may lead to my disqualification of dismissal, if engaged.

SIGNATURE:

A handwritten signature in blue ink, appearing to read 'Nareth Nut', is written over a horizontal line. The signature is stylized and cursive.

NUT Nareth

DATE OF SIGNING: 09 / September / 2016
Day Month Year