

Curriculum Vitae

Personal details

Name	Pakes
First name	Ubo
Address	530 Holy Name Street,
Town	Mabolo, Cebu City
	6000, The Philippines
Telephone	+ 63 9 206 133 904
	+ 63 32 231 6209
Email	ubo@gis-tm.com
Date and place of birth	21 07 1966 in Cothen, The Netherlands
Marital status	unmarried
Drivers license	A-B (car and motorcycle)
Nationality	Dutch

Key qualifications

- Team management
- (international) Project acquisition and management
- Introduction and implementation of GIS systems
- GIS education and research
- GIS and computer modeling
- Environmental sciences
- Inspirator and innovator

Working experience

01-10-2007- present day
GIS tailor-made
www.gis-tm.com

Co-founder and co-owner of GIS tailor-made inc.

GIS tailor-made is a GIS company specialising in Geographic Information Systems specifically tailored to our clients' needs. GIS tailor-made is operating internationally and has its residence in the Philippines. GIS tailor-made has gained much experience in both applying GIS and training staff in GIS and spatial information in a broad range of organizations worldwide. An overview of actual projects:

- Change detection in water bodies based on aerial photographs and shape files
- Combination of numerous data files for use in a GPS navigator
- GIS training for staff of a prefecture in Romania
- Partner search in Thailand for a joint curriculum development project for a Dutch University
- Part-time CTA for the VOCTECH project in Vietnam

01-10-2006 – 31-1-2007
Van Hall Larenstein
University of Professional
Education
www.vanhall-larenstein.nl

Portfolio holder international projects

In this position I am responsible for organization and financial and personal status of a number of international projects of VHL in Vietnam, Croatia, Rwanda, the Mekong delta and Kazakhstan. These projects are funded by EU or the Dutch Government and range in size from € 80.000 to € 4.2 M.

01-05-2005 – 31-12-2005
Van Hall Larenstein
University of Professional
Education
www.vanhall-larenstein.nl

(Ad Interim) Senior project manager

In this position I am responsible for organization and financial and personal status of the domestic projects of Larenstein with respect to GIS, Nature conservation and forestry, land and water management and property management.

01-04-2001 – 31-12-2007
Van Hall Larenstein
University of Professional
Education
www.larenstein.nl

Chair of the GIS department

In this position my responsibilities are the management and realization of projects and courses on the field of GIS, Remote Sensing and Spatial Techniques, both in the Netherlands and abroad. My main responsibilities were:

- Management of a 7 staff team of the Larenstein GIS department
- Management of Post Graduate, (international) tailor made and short courses in GIS and digital data interpretation
- Acquisition, design and development of new courses and training activities on all aspects of GIS use, consultancy and coaching
- Member of the management team of VHL-Training & Consultancy
- Teaching and counseling of (post Graduate) students

01-01-1996 – 31-3-2001
Ministry of Transport and
Public Works RIZA, Rivers
department
www.riza.nl

Project leader GIS and Modeling

I was responsible for the development and use of GIS applications of the development of hydrological models for the Dutch rivers. I contributed to the successful introduction and implementation of GIS at the BfG in Germany and developed hydrologic models for the Main, Nectar and a part of the German Rhine. I managed the GIS activities for the department, including the design and set-up of a meta-data information system.

1-1-1991 – 31-12-1995
Ministry of Transport and
Public Works RIZA,
Groundwater department
www.riza.nl

Staff member groundwater and eco-hydrology

As part of a model building team, I was responsible for the development, and implementation of user interfaces and communication between computer models. I designed and performed GIS analyses and built an interface using Arc-INFO and contributed to the first GIS policy-making document of the institute.

1-6-1989 - 31-12-1990
TNO Institute of Applied
Geotechniques
www.nitg.tno.nl

Research assistant

My duties were mainly to carry out fieldwork and to process ecological and groundwater data using GIS and computerized systems.

Education

Open University Heerlen, 1994 – 1997

Several courses: Population Ecology, Statistical techniques, Plant- and Animal Physiology (master's units)

University of Professional Education in Agriculture Groningen:

Environmental Engineering 1984 – 1989

Secondary education: Rijksscholengemeenschap Meppel 1978 - 1984

Professional trainings

SME Business trainings, marketing, starting up, finances, Effective influencing strategies, Management coaching, Personal communication strategies, Conversation in German, Spanish & Cebuano, Concentration Management, Project management, Media training, Effective text writing

Several courses in GIS and computer skills

ArcGIS courses: Basics of the Geodatabase Data Model, Georeferencing Rasters in ArcGIS, Learning ArcGIS Desktop (for ArcGIS 9.0-9.1), The 15-Minute Map: Creating a Basic Map in ArcMap, Working with ArcPad 7

International Experience

Philippines, January 2008 – present: Co-founder and co-owner of GIS tailor-made

Indonesia, April 2003 – March 2005: Several short management and expert training missions for the GIS@UNPAK project, Universitas Pakuan, Bogor

Philippines, November 2003: Advise on the optimalisation of GIS resources at University of San Carlos, Cebu City

Croatia, September 2003: Fact finding mission for the use of GIS at the Universities of Zagreb and Split

Jordan, September 2002: Fact finding mission for the training of staff from the Royal Jordanian Geographic Centre, Amman

The Philippines, April 2001 – November 2003: Several short management and expert training missions within the framework of the [GIS@CAS](#) project at the University of San Carlos, Cebu City

Federal Republic of Germany 1999 – 2001: Introduction of GIS and BASELINE at the Bundesanstalt für Gewässerkunde, Koblenz

Federal Republic of Germany 2000: Participation in the European River Flood Occurrence and Risk Assessment (EUROTAS) Final Conference, Berlin

United States of America, July 1997: Participation and presentation at the International ESRI user conference, San Diego

Austria 1993 & 1996: Participation and presentation at HydroGIS Application of Geographic Information systems in Hydrology and Water Resource Management, Vienna

Languages

Dutch : native
English : very good
French : good
German : good
Spanish : beginners course
Cebuano : beginner

Software knowledge

General: MS Windows and MS Office, MS Dos, UNIX, HTML
GIS Software: Arc Info3.x-7.x , Arview3.x , ArcGIS 9.1, ArcExplorer, ArcPad
(Ground)water models: Modflow, Microfem, SOBEK
Programming: Fortran, AML, Avenue, VBA

Others

- I have been an active member of the Dutch Christian Youth Organization for Nature Study and Conservation from age 17 to 25.
- Since 2003 I have been advising the Women's Resource Center of Cebu on applications for international grants and I design and maintain the website.
- Since 2006 I volunteer at SPFTC in Cebu City with web activities and product development.

Publications and posters

Ing. Ubo Pakes, Dr. Leny G. Ocasiones, Gilbert Busé, Jan Willem Beestman
Taking steps in space and time, in GIS development
<http://www.gisdevelopment.net/education/papers/Carlos.htm> (march 2008)

Ocasiones, L.G, and *U. Pakes*
A step in time and space, Learning about GIS and archaeology in the Netherlands
Accepted for GIS magazine nr 3, 2008, (in Dutch)

Van Beek, Greta, *Ubo Pakes* and Ruud Wubbolds,
Paard in landschap (monitoring Equine activities)
GIS magazine nr 1, 2008 (in Dutch)

Liefveld, W., Pakes, U., Schulze, F., 2002
A river habitat simulation model for quantification of ecological effects of low discharge on the common Meuse
in Goethals, P.; De Pauw, N. (Ed.): Ecological informatics applications in water management (<http://www.vliz.be/imisdocs/publications/125529.pdf>)

Drs. Jennie Simons, Drs. Marieke Ohm, Drs. Arjan Koomen, Drs. Sabine van Rooij, Ing. Ubo Pakes, 2001
An approach for a vision for the Rhine-Meuse estuary based on ecotopes and ecological networks

André W. Breukelaar, Ubo Pakes & Abraham bij de Vaate, 2001
Relations between the stream velocity and the branch sea trout choose at the bifurcations in the delta area of the river Rhine

M. Werner, M. Ververs, C. van Haselen, U. Pakes, K. Daamen, M. Muerlebach, 2000
A comparison of methods of generating cross sections for flood modeling using detailed floodplain elevation models
European Conference on Advances in Flood Research, Potsdam, 2000
(http://www.wldelft.nl/rnd/publ/docs/We_Ve_2000a.pdf)

Ubo Pakes, Rolf van der Veen, Menno Zeeman, Johan van Essen, Bertus Schutte, 1997
The use of GIS for one-dimensional modeling of large Dutch rivers
In: Proceedings 17TH ANNUAL ESRI USER CONFERENCE 1997
(<http://gis.esri.com/library/userconf/proc97/proc97/to500/pap498/p498.htm>)

Ek, R. van, U. Pakes, J.P.M. Witte, J. Runhaar, F. Klijn and J.G. Nienhuis, 1996
DEMNAT-2.1, latest innovations on a national dose effect model for the analysis of dehydration of wetlands in the Netherlands.
In: HYDROGIS 96 (Volume of poster sessions)

Vermulst, J.A.P.H, J. Hoogeveen, W.J. de Lange, H. Bos and U. Pakes, 1996
MONA, an interface for GIS based coupled saturated and unsaturated groundwater modeling in the Netherlands.
In: HYDROGIS 96 (Volume of poster sessions)

Pakes, U, 1993
The ecohydrological model DEMNAT-2
Poster presentation in HYDROGIS '93

Arnold, G. and Pakes, U, 1993
A new model for the unsaturated zone Integrated in GIS as an Instrument for Integrated Water management.
Poster presentation in HYDROGIS '93: