Workshop on Land Records Management and Information Systems: Community of Learning Exchange

Bangkok, Thailand | June 12-14, 2017

Speakers

Mr. Henry Pacis

Mr. Pacis is the OIC-Assistant Director for the Land Management Bureau and concurrently the National Coordinator for the Comprehensive Agrarian Reform Program original titling component of the Department of Environment and Natural Resources (DENR), Philippines. He has 12 years of experience in implementing Land Administration and Management Projects.

He prepared the Policy on the Adoption of Land Administration and Management System (LAMS) for the DENR in 2010 and led the mainstreaming of partnership with Local Government approach in land titling from 2013-2015. He is currently working on the updating of the Land Sector Development Framework (LSDF) in the Philippines under a VGGT project with FAO.

Dr. Jose Arnold M. Tan

Dr. Jose Arnold M. Tan, Ph.D. is the Acting Deputy Executive Director for Operations of the Bureau of Local Finance, Department of Finance (BLGF-DOF) who is responsible in developing policies and procedures pertaining local taxation and local real property tax administration. He loves public service and has been in the Bureau for more than thirty-one years.

Prior to his present work, Dr. Tan was involved in the following various foreign-assisted projects catering to local governments on areas of resource mobilization, valuation and taxation:

- Project Manager, Support to Local Government Revenue Generation and Land Administration Reforms (REGALA). ADB TA-7809-PHI;
- Acting Director of the Property Valuation Staff Land, Administration and Management Project 2 (LAMP 2). World Bank and AusAID;
- Component Project Manager, Local Government Finance and Development Project (LOGOFIND). World Bank;
- Project Manager, BLGF Component on Local Governance and Fiscal Management Project. ADB TA-4778;
- Technical Counterpart, Valuation Component of the Natural Resources Management and Development Project (NRMDP). AusAID;
Dr. Tan is a licensed civil engineer, licensed real estate appraiser and a career executive service officer (CESO).

Mr. Eduardo Mansur

Eduardo Mansur, Brazilian, holds a B.Sc, Forestry (Paraná, Brazil) and M.Sc. Forest Economics, (Helsinki, Finland). He joined FAO as social forestry expert in 1995 at community forestry project in the Andes (Quito). In 1997, he transferred as chief technical advisor, FAO Mozambique. In 2002, Mr. Mansur moved to Rome as project coordinator, then as forestry policy officer. In 2007, he moved to Accra as senior forestry officer for Africa. Between 2008 and 2012, Mr. Mansur was Assistant Director of International Tropical Timber Organization (ITTO, Japan). In March 2012, he returned to FAO Rome as Director, Forest Assessment and Management Division.

In 2016, he was nominated Director, Land and Water Division.

Mr. Manus Chuasawat
Deputy Director General of the Department of Lands, Ministry of Interior, Thailand

Mr. Manus Chuasawat has earned Bachelor’s degree in Laws from Ramkhamhaeng University and Master’s degree in Public and Private Management Program from National Institute of Development Administration or NIDA and he also earned Thai Barrister at Law from Institute of Legal Education Thai bar Association. Mr. Manus has been an important part of the Department of Lands since 1980, he has experience in all aspect of land administration.

He has been Chief of Phang Nga Provincial Land Office, Public Land Management Expert, Inspector, and Chief of Bangkok Metropolitan Land Office. At present, he holds a position of Deputy Director General of the Department of Lands. Besides holding essential and outstanding position, he also was key resources person who involved with the implementation of Land Titling Project which supported by the World Bank. Apart from being significant part of the Department, he has also distributed his expertise and experience of more than 30 years for the benefit of people. In 2008 - 2012, he has been a consultant for Commission, Sub Commission, and Commissioner of House of Representatives, in 2009, he was Vice President of Sub Commission for Proceeding Law concerning with Land, and in 2010, he was in the Committee for Drafting the Office of the Prime Minister Regulation in Providing Community Deed. And he was also being part of the working group for Drafting the Royal Decree for Establish the Land Bank Administration Institute (Public Organization) in 2011 that led to the enactment of Royal Decree which is presently enforcing.
Mr. Tatiya Chuentragun

Education:

<table>
<thead>
<tr>
<th>Year</th>
<th>Certificate</th>
<th>Institute</th>
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<tbody>
<tr>
<td>2003</td>
<td>MSc. in Geo-Information Management (Cadastre and Land Registration)</td>
<td>International Institute for Geo-Information Science and Earth Observation (ITC), Enschede, The Netherlands, MSc. in Geo-Information Management</td>
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<tr>
<td></td>
<td></td>
<td>(Cadastre and Land Registration), Overall Mark 81 with distinction</td>
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<tr>
<td>1998</td>
<td>Post Graduate Diploma in Commerce (Business information System )</td>
<td>University of Wollongong, Wollongong N.S.W., Australia</td>
</tr>
<tr>
<td>1992</td>
<td>Bachelor of Engineering in Surveying</td>
<td>Chulalongkorn University, Bangkok, Thailand</td>
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3. Work Experience

<table>
<thead>
<tr>
<th>Year</th>
<th>Job Title/Details</th>
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<tr>
<td>2013 - present</td>
<td>Director of Geo-informatics Products Office, Geo-Informatics and Space Technology Development Agency (Public Organization), Thailand</td>
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<tr>
<td>2008 – 2013</td>
<td>Chief of Value-Added Products Division, Satellite Product Development Center, Geo-Informatics and Space Technology Development Agency (Public Organization)</td>
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4. Job related description for Director of Geo-informatics Products Office

4.1 Conduct productions of fundamental geo-spatial products and derivative from remote sensed data which includes ortho-image and DEM production from satellite data, aerial photos and UAVs, generating and updating fundamental geo-spatial data such as forest areas, urban related data (built-up areas, building blocks), related land parcels data and field survey using Total Station, and GNSS receivers.
4.2 Initiate and conduct geo-information related project to serve users’ needs and multi organization cooperation.

### ประสบการณ์ด้านภูมิสารสนเทศ

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<th>ปี พ.ศ.</th>
<th>ระยะเวลา</th>
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| 2556 - ปัจจุบัน | 2.5 ปี | ดำรงตำแหน่งผู้จัดทำแผนภูมิสารสนเทศเชิงพื้นฐานและผลิตภัณฑ์ภูมิศาสตร์ ที่ภูมิศาสตร์ ที่ก่อ ขึ้น ถึง งาน ที่ ไม่ มี ภูมิ สาร สนเทศ ที่ งาน ที่ ถือ เว็บ ภูมิ สาร สนเทศ สำหรับการปฏิบัติงาน ภายในและภายนอก การแบ่งส่วนภูมิศาสตร์และการพัฒนา - ให้คำปรึกษากับโครงการด้านภูมิสารสนเทศและการบริการสิทธิ์อย่างเป็นกลางและภายนอก - ประสานและดำเนินโครงการความร่วมมือระหว่างประเทศ ได้แก่ - National Land Commission - Survey of India เพื่อจัดทำและทดสอบอุปกรณ์ระดับความสูงภูมิศาสตร์เชิงเลขและการประมวลผลภาพในประเทศภูฏาน - กรมการสำรวจและที่ดินรัฐบาลไทย ซึ่งรวมถึงการพัฒนาฐานข้อมูลและระบบภูมิสารสนเทศสำหรับการใช้ประโยชน์ในเชิงภาคส่วน - การพัฒนาการจัดตั้งและใช้ประโยชน์ในเชิงพื้นที่และระบบภูมิสารสนเทศของประเทศอย่างมีประสิทธิภาพ - การพัฒนาการจัดตั้งและบริการข้อมูลภูมิศาสตร์ (Geo-spatial data clearinghouse) - ร่วมเป็นคณะกรรมการ อนุกรรมการและคณะทำงานแผนภูมิศาสตร์ในระดับหน่วยงานและระดับชาติ เช่น - คณะกรรมการการจัดทำแผนภูมิศาสตร์ในประเทศ GPS - คณะกรรมการการพัฒนาภูมิศาสตร์แห่งชาติ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ - คณะทำงานการพัฒนาแผนภูมิศาสตร์ | 2551 - 2556 | 5 ปี | จัดการ ติดตามการปฏิบัติงานของเจ้าหน้าที่ในสายงาน - ศึกษาและจัดทำระดับภูมิภูมิศาสตร์เชิงเลขจากภาพถ่ายดาวเทียม
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<td>- จัดทำแผนงาน โครงการเพื่อพัฒนาหน่วยงานรวมถึงโครงการจัดซื้ออุปกรณ์เครื่องมือชcroftเพื่อใช้ในการปฏิบัติงาน</td>
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<td>- เป็นวิทยากรฝึกอบรมและให้คำปรึกษาทางด้านภูมิศาสตร์แก่เจ้าหน้าที่สัมพันธ์หน่วยงานภายในและหน่วยงานภายนอก</td>
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<td>- ช่วยเป็นคณะกรรมการการบริหารและอนุกรรมการในโครงการพัฒนาและระบบภูมิศาสตร์ทางด้านโครงการของกรมที่ดิน เช่น โครงการพัฒนาระบบคอมพิวเตอร์ในส่วนงานที่ดินแบบรุ่นใหม่ โครงการพัฒนาระบบสารสนเทศที่ดินเพื่อการบริหารจัดการระบบที่ดิน เป็นต้น</td>
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<td>LiDAR Processing (ITC) ศูนย์ภูมิสารสนเทศสิรินธร ศรีราชา ชลบุรี</td>
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<td>2551</td>
<td>Refresher course on: Geo-information Tools for Combating Forest Fire in Central and Southeast Asia Ulaanbaatar, Mongolia</td>
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<td>2550</td>
<td>Photogrammetric spatial data acquisition within scope of GIS and internet oriented mapping, Hanoi, Vietnam</td>
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<td>2549</td>
<td>- เทคนิควิธีการสร้างข้อมูลภูมิสารสนเทศ 3 มิติสำนักงานพัฒนาเทคนิคอิเล็กทรอนิกส์ภาคและภูมิสารสนเทศ (องค์การมหาชน) - Managing and Maintaining a Microsoft Windows Server 2003 Environment, Bangkok Advanced Learning</td>
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<td>2548</td>
<td>- Developing and implementing Web Applications with Ms VB.NET and Ms Visual Studio.NET, CTT Center - Training Program on Remote Sensing, JICA</td>
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<td>2546</td>
<td>Managing and Maintaining a Microsoft Windows Server 2003 Environment Bangkok Advanced Learning</td>
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<td>2543</td>
<td>ฝึกอบรมหลักสูตรเทคโนโลยีการถ่ายทอดและกลยุทธ์การเป็นวิทยาการสำนักงานอบรม สถาบันบัณฑิตพัฒนบริหารศาสตร์</td>
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6. ผลงานวิชาการ/สัมนา/ดูงาน

- ร่วมสัมมนาและดูงานร่วมกับ Survey of India ณ. Indian Institute of Surveying and Mapping, ISRO Ground receiving station และ Bhuvan, Hyderabad, และการประยุกต์ใช้ Geo-Information technology กับการพัฒนาเมือง Gangtok, Namchi ประเทศอินเดีย 2559

- The 2nd QZSS Asia Pacific Round Table Meeting, Kuala Lumpur, Malaysia, 8 Dec 2012

- ACRS Conference, December, 2012, Chair and Co-Chair in Photogrammetry and Disaster Management.

- International Symposium on “Application of Satellite-Positioning/Geospatial-Information” & “Contribution to welfare of the Asia-Oceania region (AOR)” Yokohama, Japan, 22 June 2012
- QZSS Asia Pacific Round-Table Meeting, Yokohama, Japan, 21 Jun 2012


- Attend The 2012 International GPS/GNSS, 17th January 2012, Chulalongkorn University, Bangkok, Thailand


- Attend The 2010 International GPS/GNSS, 27th January 2010, Chulalongkorn University, Bangkok, Thailand ACRS Conference 2009, Beijing, China, October, 2009, Presented “SPOT-5 Horizontal Accuracy Assessment”

7. ความสามารถทางด้านคอมพิวเตอร์
- ArcView GIS 3.2 (Good)
- Arc/Info 7.2.1 (Basic), ArcGIS (Good)
- ERDAS IMAGINE (Basic)
- PCI Geomatica (Basic)
- Python (Basic)
- ArcPy (Basic)
- MS Office (Basic)
- Ms Project (Basic)
Participants

Punjab Province, Pakistan

Mr. Babar Hussain Abid

Mr. Babar Hussain Abid obtained his degree in accounting and commerce from the renowned Hailey College of Commerce in 1994. He then proceeded to the Philippines School of Business Administration to earn a Master’s degree in Business Administration. After completing his education, he started his endeavor as an entrepreneur and got associated with Auto Industry in Dubai, UAE. Mr. Abid successfully expanded his business venture and developed business relationships with enterprises / incorporations around the globe including organizations from US, UK, Chile, Peru, Costa Rica, Paraguay and Kenya.

In 2006, Mr. Babar Hussain Abid returned back to his homeland i.e. Pakistan and started participating in politics actively. He was elected as a member of provincial legislative assembly in 2008 and 2013 where he has played a pivotal role in initiatives targeted at modernization and reforming public administration systems. He currently holds the office of Parliamentary Secretary for Finance, Chairman of Overseas Pakistanis Commission for Khanewal district and is a member of Public Accounts Committee. He is also the Chairman of the Punjab Land Records Authority where he is responsible for providing policy guidelines and supervising the implementation of government’s initiatives for upgrading its land administration systems.

Mr. Muhammad Zafar Iqbal, Director General of Punjab Land Records Authority

Mr. Muhammad Zafar Iqbal is a seasoned Civil Services officer with over 30 years of experience in managing and supervising Public sector institutions. Mr. Zafar Iqbal has played a leading role in the design and implementation of multiple projects aimed at improving the living standard of the general masses in Pakistan. In particular, he oversaw the execution and completion of Punjab government's flagship project of Land Records Digitization, which helped improve the protection of land rights for women and other marginalized communities. Under his leadership, the project digitized more than 55 Million records and in a mere 5 years established a system which covers over 250 thousand sq. km. and serves more than 300,000 land-related transactions every month.

Mr. Faiz-ul-Hassan

As the Additional Director Projects of Punjab Land Records Authority, Faiz-ul-Hassan is diligent in his projects execution as well as committed to the progression of department through introducing new projects. He joined PMU-LRMIS Project as Project Manager in 2012 after 10 years of serving in a highly technical & robust organization i.e. National Database & Registration Authority (NADRA), Pakistan. Faiz completed his degree of M.Phil in management sciences with a distinction. With 15 years of diversified experience in the field of project management, execution, land registry & administration and large-scale service delivery, he has the shown excellent results in the completion of LRMIS project. He is currently working on the advancement of the system through inclusion of parcel-based mapping system, improved land registry system, digitization of crop inspection and simplification of the inheritance mutation process.
Mr. Osama Bin Saeed, Director of Information Technology, Punjab Land Records Authority

Osama Bin Saeed is an IT professional with track record of delivering IT infrastructure projects. He possesses expertise in development of strategic software solutions and reliable network systems. His skills include project management, team building, quality assurance, and cost control.

Mr. Osama Bin Saeed has been an active member of land records digitization and operations team for over seven years in the province of Punjab, Pakistan. He has played a pivotal role in the design and development of digitization processes and their implementation leading to establishment of an automated land records administration system in Punjab, Pakistan. Mr. Osama Bin Saeed has also played a leading role in migration of automated system to a central system and digitization of maps in three districts. He has an in-depth knowledge of local land administration system and is an experienced hand on latest of IT solutions. Mr. Osama Bin Saeed’s past experience includes academia, technology-business incubation and industry academia linkages.

Ms. Nadia Cheema

Nadia Cheema has done Masters in Social Work and have hands on experience for more than 15 years, in diversified fields of development, health and education sector with considerable experience of research and surveys. She currently serves as Additional Director External Communication and Coordination in Punjab Land Record Authority (formerly the Land Records Management and Information System) a project financed by the World Bank for the computerization of land records in Punjab since July 2, 2007. She has been responsible for multiple assignments related to Social Development, Change Management, Communication & Dissemination, Public Relations, Monitoring of service delivery, Complaint Handling, Procurement of Consulting Services & Trainings.

Being Social Development Expert, Ms. Cheema has played an instrumental role in the successful implementation of project through incorporating humane social dimensions and monitoring Social Safeguards. Several studies and social survey were carried out; on the basis of which policy interventions were made. While adopting a Bottom to Top Approach, a new system was made Demand Driven through interacting with civil society and grassroots organizations, which resulted in the creation of an enabling environment to accept change by the public.

Change Management Strategy was devised and carried out through different instruments like stakeholder consultations, dissemination and trainings. More than 50 workshops with stakeholders were conducted across the province, Punjab, and more than 6,000 former employees were trained. A dissemination strategy followed by public awareness campaigns were designed and launched through mass media, outdoor and below the line tools. More than 600 community meetings were conducted with farmers and land owners and more than 1 million stakeholders have been contacted directly. In order to ensure the quality of services, a Public Feedback Mechanism was introduced which ensured Customer Satisfaction up to more than 95%.

Ms. Cheema has worked for three years as External Monitor in a project for International Project for the Elimination of Child Labor sponsored by the International Labor Organization.
Ms. Cheema intends to interact professionally at a level conducive to her carrier growth.

Sindh Province, Pakistan

Mr. Zulfiqar Ali Shah

Mr Zulfiqar Ali Shah is serving at a senior managerial level as Secretary to the Provincial Government of Sindh Province in Pakistan. He holds a Master’s degree in Public Affairs from Indiana University Bloomington USA and a Bachelor’s degree in Civil Engineering from Pakistan.

His present assignment for the last 5 years as the Member (Reforms), Board of Revenue is to Computerize the land ownership records of the Province. This project has been successfully completed and launched in April 2016 and subsequent reforms are now underway.

The project has directly benefited more than 7 million land owners through free online services and 27 Service Centers throughout the Province. This computerized data is stored in a tier -3 data center, making it the largest Sindh language database in the world. Board of Revenue Sindh is the first in Pakistan to launch mobile application for record searching and several advanced features like QR code and security based paper for increased transparency and safety.

Likewise, the present Land Registry Management System automation and introduction of E-Stamps is swiftly underway and will be completed by June 2018.

A GIS-based cadastral mapping system has also been developed for Karachi and is being expanded to the rest of the Province.

Last but not the least, Board of Revenue Sindh has introduced web-based integrated land management system that connects digitized maps, land ownership records and land registries.

Through the World Bank’s assistance Mr. Shah has visited 3 states of India to study their computerized land record management system. He is a resource person for various institutions and also writes for the national English newspapers.

Sri Lanka

Dr. I.H.K. Mahanama

I.H.K. Mahanama (PhD) presently holds the office of permanent Secretary to the Ministry of Lands and Parliamentary Reforms of Sri Lanka, which is the focal point of the land management and governance in Sri Lanka. He is one of the senior members of the Sri Lanka Administrative Service who began his career in 1985. Throughout his career he has held numerous positions in diverse fields and has reached the top most position that can be reached in Sri Lankan Civil service; that is the position of Cabinet Ministry Secretary since the beginning of year 2015. He has excelled in academic sphere with completing a PhD degree in
the field of Development Economics in 2004. Further, he has engaged in the academic activities since and before in the capacity of lecturer and coordinator in the professionals’ courses conducted for local and foreign professionals. Dr. Mahanama has contributed to the research field as well.

Mr. P.M.P. Udayakantha

Mr. P.M.P. currently works as Surveyor General in Survey Department of Sri Lanka, which is the National Mapping Agency.

Mr. Udayakantha has a Master’s Degree in Geodetic Science from The Ohio State University. He is extensively involved in data capture for mapping at various scales and Geospatial information management. He is a key member of the team engaged on establishment of new Geodetic Control Network (GN99). Apart from the experience in Surveying and geo information, he is involved in Title Registration activities. He is currently engaged in an initiative on developing a National Spatial Data Infrastructure, developing an eLand Hub and Re-engineering of Title Registration. Mr. Udayakantha works as the chairman of the taskforce on Registering Property connected with improving the ease of doing business index of Sri Lanka.

Mr. Chinthake Ranasinghe, Program Manager, ICT Agency of Sri Lanka

Chinthake holds a Master’s Degree in Business Studies from the University of Colombo and a BSc in computing and information systems from London Metropolitan University. He is also a Certified Project Management Professional (PMP - 1139467) and practitioner. He is a member of the Computer Society of Sri Lanka (CSSL - M532), Sri Lanka Evaluation Association (SLEvA) and the International Institute of Business Analysis (IIBA – 105495). He has completed the licentiate level one examination of the Institute of Chartered Accountancy of Sri Lanka and has two years of Financial Audit Training.

He has overall 17+ years of experience in the Information Technology industry involving the full software development life cycle with extensive experience on managing projects of software development, setting up and implementation of spatial data infrastructures, information system governance and auditing, call center operations, software quality assurance and audits, government process re-engineering, digitalization of records and information classification. He has worked in private sector IT projects and government sector IT projects which are funded by the World Bank and the government.

His experience includes project conceptualization, procurement management and consultancy, contract management, software quality assurance, software cost estimations, risk management and project delivery management and activities.

Specialties: Project management information system implementation for government sector, Land Information Systems, Spatial Data Infrastructures, Social Welfare Information Systems, IT contract management, IT procurement, business analysis, software quality audits, risk analysis, agile project management, software cost estimations.
Kwabena Boafo Matthew is a Senior Geomatic Engineer and staff of the Lands Commission. He currently holds the position of Head of the Land Information Unit (LIU) of the Lands Commission of Ghana for which he joined in 1995.

For the past twenty-one years, Kwabena Boafo has been with the Survey & Mapping Division of the Lands Commission of Ghana as Specialist in GIS and GeoVisualization.

His core responsibilities and work as the head of the Land Information Unit includes:

1. Training of staff for the use of modern technologies in geospatial management and production.
2. Management of spatial database of the Land Commission

Kwabena Boafo is currently the project manager for the development of the Ghana Enterprise Land Information System (GELIS)

Kwabena Boafo is also a member of the Ghana Institution of Surveyors (GhIS) and has attended numerous Continuous Professional Developments (CPDs) organized by the institution. He also attended the ESRI User Conference in San Diego, California in 2014
Benjamin Arthur is a Chief Land Administration Officer at the Lands Commission of Ghana. He holds a Bachelor of Science Degree in Land Economy and an Executive MBA in Project Management. He currently holds the position of Chief Land Administration Officer in charge of Property Tax Valuation at the Land Valuation Division of Lands Commission of Ghana. He is also Head of the Project Implementation and Business Process Reengineering Teams of the Lands Commission for the Ghana Land Administration Project 2 (GLAP 2).

The work and responsibilities for the positions held involves the following:

1. development of the use of information technology for property mass valuation and tax purposes;
2. development of a new reengineered and integrated business processes for land registration in Ghana following the merger of 4 different land Sector Agencies into a single entity.
3. the design and implementation of a Ghana Enterprise Land Information System (GELIS), which is a platform to transform the Ghana Lands Commission to work in a digital environment adopting the new reengineered registration process as the business model.

Mr. Arthur is currently overseeing the introduction of digital mapping and other ICT technology into property rating valuation and taxation as well as the operationalization of the GELIS which also involves the conversion of manual records into digital and the transformation of the registration operations of the Ghana Lands Commission from manual to a digital environment.

Sierra Leone

Dr. Alphajoh Cham

Alphajoh Cham holds a B.Sc. (Hons) in Zoology (USL), a M.Sc. (Eng.) in Regional Planning and Environmental Management (Germany) and a Ph.D. in Public/Environmental Health (USA). He is currently the Deputy Director of Planning, Policy and Project Development at the Ministry of Lands, Country Planning and the Environment (MLCPE). He has been very instrumental in the development and formulation of the comprehensive National Land Policy (NLP) for Sierra Leone, and serves as the National Coordinator for its implementation. He was an Expert Investigator (EI) in the development of the Land Governance Assessment Framework (LGAF) for Sierra Leone. He coordinated the European Union (EU) Urban Planning Project and acts as the Focal Point for the UN-Habitat III in Sierra Leone supervising the preparation of the Habitat III National Report for Sierra Leone. Dr. Cham was also very instrumental in the development of the Draft 2013 Guidelines for Sustainable Agricultural and Bioenergy Investment in Sierra Leone. Furthermore, he is the technical focal point for the implementation of the Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forestry within the Context of National Food Security and Poverty Alleviation (VGGT), and the Administrator of the VGGT Secretariat at the MLCPE. He has over fifteen years working and research experience inland use planning, environmental management and planning, natural resource (land)management, policy development, project management, monitoring and evaluation.
NAME: Mr. Vongduane VONGSIHARATH.

QUALIFICATION:
- Msc. in Hydro-Biology in former Soviet Union,
- Msc. Forest Policy in Malasia.

BORN: 14/04/59. Place of birth: Vientiane Province.

PRESENT WORKING RESIDENT:
- Office: Ministry of Natural Resource and Environment (MONRE), Department of Land.
- Position: Director General of Department.

NATIONALITY: Lao.

MARITAL STATUS: Married.

FOREIGN LANGUAGES:

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Emplroyed

I. Education and Experiences:

- 1977-81: Undertook Ichtiology College in Russia.
- 1985-1990: Undertook Hydro-Biology in Russia, graduated Master Degree.
- 1990-1998: Employed in Department of Forestry as regular staff.
- 1998-2001: Undertook postgraduate study in Malaysia and have got master degree in forest policy.
- 2001-2006: Employed in Department of Forestry as Director of the Division of Forest Resource Conservation.
- 2006-2009: Employed in National Land Management as DDG of Department of Land Use Planning and Development and have been promoted to be the DG in from 2009 to 20015 (MONRE).
- 20015-2016: Employed as DG of the Department of Forest Resource Conservation (MONRE).

From the end of 2015 until now working as the DG of the Department of Land Administration.

Mr. Souksamone Pathammavong

Mr. Souksamone Pathammavong is a national of Lao PDR and makes this application in order to be present to this workshop which proposed to discuss for the land registration in Laos. His academic qualifications include a B.Sc. Degree in Mathematics and Physics from the National University of Laos, Post Graduate Certificates in Teaching English to Speakers of Other Languages (TESOL) from University of Technology, Sydney, Australia and a Bachelor of Social Science from Ritsumeikan Asia Pacific University, Japan and a Master of Business Management from the Faculty of Economics and Management Lao-Japan Human Resource
Center, National University of Laos. He currently employed as a Deputy Director General of Planning and Cooperation Department, Ministry of Natural Resources and Environment.

**Mr. Chanthaviphone Inthavong**

Date of Birth: November 21, 1960; Place of Birth: Vientiane, Laos

Nationality: Laotian; Family Status: Married with two children

**Education Background:**

M.Sc. in Natural Resource Management (1999-2000), School of Environment, Rural Development, Asian Institute of Technology, Bangkok, Thailand

P.G. Diploma in Environmental Management (1988-1989) through the participation of a UNEP/UNESCO International Post-Graduate Course in Ecological Approaches to Resources Development, Land Management and Impact Assessment in Developing Countries, held at the Center for Protection and Improvement of Environment, Berlin and the Dresden University of Technology, Dresden, Germany.

Diploma in Forestry (1983-1985), State Forestry Service College (Member of Association of Indian Forestry), Coimbatore, India.

**Working Experience:**

**From 2006 to now**

Working as Deputy Director of the Centre of Information of Natural Resources and Environment (CINRE) which was initially established in 2006 under the then National Land Management Authority (NLMA) and now has been integrated into the present Ministry of Natural Resources and Environment (MONRE), Vientiane Capital, Lao PDR. The main objective of the CINRE is to establish and manage the National Spatial Data Infrastructure (NSDI) and national statistics and account related to land, natural resource and environment, CINRE’s main function include to serve as data hub as well as policy advocacy to the ministry related to compilation, production, processing, management and administration of data base and information related to land, natural resources and environment. Furthermore, the centre will also be responsible for data quality control and clearing and the creation of metadata and the development of standards and training materials related to spatial information in Laos PDR.

As related to land information, during the period of NLMA, personally, I used to work and responsible for directing and supervising the establishment of the computerized national land information system and for policy advocacy related to land use planning, management and monitoring as well as administration and management of land records and land concessions, issues.

**From 1989 to 2005**

Working as Technician and Director for national project and Division/Center for forest resources conservation activities of the Forestry Department, Ministry of Agriculture and Forestry (MAF), Vientiane.
Myanmar

Ms. San San Htay

Ms. San San Htay passed her matriculation examination in 2008 and joined the University of Forestry in January 2009. She learned for 5 years at this University and received her bachelor degree (Bsc. forestry) with five distinctions in 2013. Upon graduation, she worked at Singu Forest Department as a volunteer and made social surveys in cooperation with a Non-Government Organization.

After one year, she joined Forest Department, Ministry of Natural Resources and Environmental Conservation on 17 February 2015. Before joining, she made entrance and oral examination for 27 posts. Now she is working for Forest Department. Her main duty and responsibility is to monitor land use and land cover changes by using remote sensing and geographic information technologies.

Vietnam

Dr. Vo Anh Tuan

Biography

Name: Vo Anh Tuan

Organization and Position: Director of Centre of Land Valuation and Cadastral appraisal, General Department of Land Administration

Education:

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<td>From 2007 to 2012</td>
<td>PhD. in Photogrammetry and Remote Sensing</td>
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<td>From 2004 to 2006</td>
<td>M.Sc. in Geo-Information Management</td>
<td>ITC - Enschede/The Netherlands</td>
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<td>From 1988 to 1993</td>
<td>Engineer of Survey &amp; Mapping</td>
<td>Geodesy Faculty Hanoi University of Mining and Geology / Vietnam</td>
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</table>

Biography:

Vo Anh Tuan holds engineering degree in Survey and Mapping in Hanoi, 1993; obtains M.Sc. degree in Geo-Information Management at International Institute for Geo-information science and Earth Science (ITC), The Netherlands in 2006 and got PhD. degree in Photogrammetry and Remote Sensing (Research for National spatial data infrastructure) at
Hanoi University of Mining and Geology, Vietnam in 2012. Since last Twenty four years he has been working in the fields of Survey and Mapping, Land administration, National Spatial Data Infrastructure and he has long experiences in digital map technology, Land database, Land Information System development and implementation of Government, International cooperation projects (SIDA, WB, KOICA …) in Survey and Mapping, Land registration and LIS/GIS in Vietnam.

His current is Director of Centre of Land Valuation and Cadastral appraisal, General Department of Land Administration, Ministry of natural resources and Environments.

He is member of Vietnam Association of Geodesy, Cartography and Remote sensing (VGCR).

**CONTACTS**

**Dr. Vo Anh Tuan**
Centre of Land Valuation and Cadastral appraisal
General Department of Land Administration (GDLA)
Ministry of natural resources and Environments (MONRE)
78/9 Giai Phong road, Phuong Mai, Dong Da District, Hanoi, VIET NAM
Tel: + 84 914 75 24 68 /+ 84 4 36 290 680
Fax: + 84 4 36 29 1080
Email: tuanva@gdla.gov.vn
Web site: www.gdla.gov.vn

**Mr. Le Hong Van**

**Biography**

*Name:* Le Hong Van

*Organization and Position:* Deputy Director Centre of Land Data and Information, General Department of Land Administration, Ministry of natural resources and Environments Vietnam.

*Education:*

<table>
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<tr>
<td>From 1994 to 1998</td>
<td>Engineer of Information Technology</td>
<td>Faculty of Information Technology National University, Hanoi / Vietnam</td>
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*Biography:*
Since last eighteen years I have been working in the fields of Information technology system, Natural Resources and Environmental Information System, Land administration, National Spatial Data Infrastructure and I have long experiences in Land database, Land Information System development and implementation of Government, International cooperation projects (SIDA, WB, …) in Land Registration and LIS/GIS in Vietnam.

Now, my position is Deputy Director Centre of Land Data and Information, General Department of Land Administration, Ministry of natural resources and Environment Vietnam.

CONTACTS
Mr. Le Hong Van  
Centre of Land Data and InformationGeneral Department of Land Administration (GDLA)Ministry of natural resources and Environments (MONRE)78/9 Giai Phong road, Phuong Mai, Dong Da District, Hanoi, VIET NAMTel: + 84 983 19 04 76 /+ 84 4 36 290 207 Email: vanlh@gdla.gov.vn  
Website: www.gdla.gov.vn

Food and Agriculture Organization (FAO)

Mr. Aziz Arya, Policy and Programme Officer, FAO Regional Office for Asia and the Pacific

Mr. Arya has a BSc in Agricultural Economics and Management from the University of Reading UK, MPhil in Development and Institutional Economics from the University of Oxford, UK and a MSc. in Applied Environmental Economics from the University of London (Imperial College and SOAS). Mr. Arya started his career in 1995 as Research Assistant and Tutor at University of Oxford, UK. He joined FAO in 1996 as Policy Analyst of the Policy Assistance Branch, RAP where he worked for two years. In 1998, he moved to HQs and worked in several Divisions, namely, EST, TCI, TCE and TCS during the past 15 years as Economist, Project/Programme Analyst, Rehabilitation Programme and Policy Officer, and Food Security Officer, respectively. Prior to his transfer to RAP, he was working as Social Protection Officer ESP.

Ms. Marianna Bicchieri

Ms. Mariana Bicchieri is a land tenure and gender specialist with over 15 years of experience working land and natural resources governance, land policy and legislation and gender matters. She has extensive field and research based knowledge of key policy issues around land tenure reform, land rights and tenure security, indigenous people’s rights, women’s land rights, legal empowerment of vulnerable groups and territorial development. Since 2005, Marianna has been working for FAO across Africa and Asia. After leading country based projects on land administration, land rights and gender issues as Chief Technical Advisor, she is now serving FAO as Land Tenure Officer in the FAO Regional Office for Asia and the Pacific.

Mr. Paolo Groppo

CURRICULUM VITAE

NAME: Paolo Groppo
DATE OF BIRTH: December 1st, 1960

NATIONALITY: Italian

LANGUAGES: French, Spanish, English, Portuguese and Italian (mother tongue)

FIELD OF ACTIVITY: Land Tenure / Agrarian Reform / Territorial Development / Land and Conflict / Gender and Land dynamics


WORKING EXPERIENCE: Albania, Angola, Bolivia, Brazil, Capo Verde, Chile, Colombia, Costa Rica, Cote d’Ivoire, Ethiopia, Philippine, Guinea Bissau, Honduras, Kenya, Lao PDR, Mozambique, Nicaragua, Nepal, Paraguay, Peru, Dominican Republic, Somaliland, Sao Tomé e Príncipe, Sudan, Tanzania, Tunisia, Venezuela.

EXPERIENCE:

2017- Land Management Officer, P-4 RAP
Under the supervision of the ADG, I do contribute to the implementation of FAO-RAP’s programme on land management/territorial development, particularly in the following items:
- Leading the Land Management component of regional projects under implementation
- Participate in the formulation of new projects/programs (GCF, GEF, GCP) covering land management and territorial development component
- Provide technical backstopping to projects/programs on land governance, land management and land and conflicts

2009-2016 Territorial Development Officer, P-4, AGL
Under the supervision of the Director, I have increasingly been contributing to the implementation of FAO’s programme on land management/territorial development, particularly in the following items:
- Participate in the implementation of Divisional programme related to Sustainable Land Management, with particular attention to territorial development (community property management, gender dimensions)
- Planning and evaluating land tenure reforms through direct involvement in field project activities in several countries.
- Providing technical supervision and guidance to FAO experts, particularly in the methodological aspects related to SLM, LUP and territorial development
- Continuing improving methodological tools for territorial development (including gender dimensions, linking with community forestry, rangeland management, water management, IPs territorial rights and development...)
- Providing technical support to the Land Portal database
- Leading the development of a conceptual and methodological framework to deal with Land in Protracted Crises situations
- Providing technical backstopping to field projects in the area of Land Governance, Territorial development and Land and Conflicts

**1996-2009  Land Tenure (System Analysis) Officer, P-4, NRLA**

Under the supervision of the Service Chief, I have increasingly been contributing to the implementation of FAO’s programme on land tenure/land reform, particularly in the following items:
- Participate in the implementation of Divisional programme related to Land Tenure regimes, with particular attention to decentralized territorial management (peri-rural areas, community property management)
- Planning and evaluating land tenure reforms through direct involvement in field project activities in several countries.
- Providing technical supervision and guidance to FAO experts, particularly in the methodological aspects related to diagnostic issues (zoning, typology, etc.)
- Continuing improving methodological tools for diagnostic missions (including eco-systems zoning and population dynamics into Agrarian Systems Diagnosis tool)
- Continuing stimulating and personally elaborating an integrated approach to land tenure/land reform policy approach at Service level
- Gathering of information for a Divisional Database on land tenure issues, as a WCARRD’s follow-up activity
- Continuing serving as Editor of *Land Reform, Land Settlement and Cooperatives*
- Participate in intra-divisional activities related to sustainable livelihoods and land tenure dynamics
- Stimulate inter-divisional cooperation in areas related to: gender and agrarian reform; population/migration and land tenure dynamics, watershed management and land tenure development
- Actively participate in FAO activities related to TeleFood (making increasing knowledge about land reform/land tenure concerns through television media)
- Serve as focal point and/or participate in several working groups (Habitat, OCP, U-PA, SD-Strategic framework, SD-Publication)

**1991 1995  Land Tenure and Settlement Officer, P-3, SDAA**

Under the supervision of the Service Chief, I was assisting in the implementation of FAO's programme of work in agrarian reform, land settlement and rural development. Specifically:
- Elaborating, testing and adapting "Agrarian Systems Diagnosis" methodology;
- carrying out diagnostic missions focusing the identification and characterization of different types of farmers (and farm households) and the elaboration of specific proposals for overcoming main bottlenecks affecting the access and use of land;
- Providing technical support for FAO field experts in the above subjects, including project preparation and backstopping;
- Providing technical support in training at various levels in the work concerning agrarian systems diagnosis. Some of this training has already been organized and carried out in Laos (Nabong College), Poland (Warsaw Agricultural University), Albania (University of Agriculture, Tirana), Slovak (University of Agriculture, Nitra), Lithuania (New Economy Institute, Vilnius), Brasil (INCRA), Costa Rica (Universidad Nacional, Heredia), Nicaragua (Universidad Nacional Agraria, Managua), as well as in Italy (University of Agriculture, Padua, and University of La Tuscia);
- Editor of the Bulletin "Land Reform, Land Settlement and Cooperatives". Editing and revising articles to be included in the review;
- In the past, I have been in charge of the Programming and Planning exercise for the entire Service;
- Assisting in the preparation of technical meetings in agrarian reform and indicators for WCARRD follow-up;
- Being in charge (1992-93) of the Programming and Planning exercise for the entire Service;
- Being mission leader for formulating and carrying out projects on land tenure issues with systems approach (Laos, Bolivia).


Duty Station: RLAC-Chile

- To elaborate a methodological and operational framework for agrarian systems diagnosis, with specific reference to land tenure and socio-economic development;
- To organize and carry out some field studies in Chile and other Latin American countries, in order to test this methodology: three case studies have been carried out in Chile with peasants of the reformed sector with different types of land tenure: two other case studies have been prepared in Costa Rica and Nicaragua in collaboration with National University of Heredia and the Ministry of Planning (Costa Rica and Universidad Nacional Agraria and the national Institute of Agrarian Reform in Nicaragua);
- To prepare working papers and documents on the methodological framework and field experiences (see list attached);
- To establish contacts with national counterparts in view of the possible utilization (at the institutional level) of this methodology for rural development purposes.

1986-1989 OECD Development Centre - Paris, France - Consultant

- "Local institutions and the efficiency of small peasants": in charge of the analysis of a survey conducted in Rwanda with 200 small peasants. This survey included socio-economic, as well as technical data and was aimed at the identification of possible ways from the improvement of the standard of living of small peasants through their associations.
- "Structural adjustment and equitable growth": in a multidisciplinary team, in collaboration with the World Bank, I was in charge of the analysis of the Côte d'Ivoire's agrarian system and the impact of structural adjustment programmes of the rural poor. This programme involved the collection and analysis of information on land tenure aspects in the different agro-ecological zone of the country, together with their economic and technical performances. Several field missions were undertaken in order to complete and verify the pre-typology elaborated based upon LSMS dates;
- Supervision of other consultants (national and international);
- Assist and conduct technical meetings within the Development Centre;
To establish working relationships with the Government of Côte d'Ivoire (Ministry of Planning and Industry);

**World Bank Staff**

**Mr. Ede Ijjasz-Vasquez**

Ede Ijjasz-Vasquez is the Senior Director for the World Bank Group’s Social, Urban, Rural and Resilience Global Practice.

In this position, Mr. Ijjasz-Vasquez leads a team of over 600 technical experts deployed across the world, leveraging global knowledge and collaborating with partners to help tackle the world’s most complex development challenges in: social inclusion and sustainability; mainstreaming resilience in all dimensions development; territorial and rural development; and urban planning, services and institutions.

Before this, he was Director for Sustainable Development of the Latin America and Caribbean Region since November 2011, covering infrastructure, environment and climate change, social development, agriculture and rural development, disaster risk management, and urban development with an active portfolio of about $17 billion.

From 2007 to 2011, he was based in Beijing, where he managed the Sustainable Development Unit for China and Mongolia. Earlier in his career, he managed the global trust-funded programs ESMAP and WSP in energy and water and sanitation, respectively.

Mr. Ijjasz has a Ph.D. and a M.Sc. from the Massachusetts Institute of Technology (MIT) in civil and environmental engineering, with specialization in hydrology and water resources. He has been a lecturer at the Environmental Science and Policy Program at Johns Hopkins University, and at Tsinghua University. He is a Colombian and Hungarian national.

**Mr. Ulrich Zachau**

Mr. Ulrich Zachau, is the World Bank Country Director for South East Asia, based in Bangkok, and covering all Bank programs and operations in Cambodia, Lao PDR, Malaysia, Myanmar, and Thailand.


Mr. Zachau holds degrees in mathematics and economics from the University of Munich and a Ph.D. degree in economics from Oxford University, where he was a Rhodes Scholar. Before joining the World Bank, he worked for McKinsey & Co and taught economics at the University of Bonn.

**Mr. Jorge Munoz**
Since 2014, Mr. Jorge A. Muñoz has been the Practice Manager of the Global Land and Geospatial Unit overseeing the World Bank’s land administration portfolio ($1.2 billion in commitments). Mr. Muñoz joined the Bank in 1998, where he has worked on land policy reforms and land administration projects in over 20 countries across the globe, mostly in Africa and Latin America. For two years he was Head of the Bank’s regional office in Recife, Brazil. He also serves as the Bank’s focal point in several global partnerships related to these issues.

Mr. Muñoz was born and raised in Bolivia. He holds a B.S. in Engineering from Swarthmore College and an M.A. and Ph.D. in Economics from Stanford University.

Dr. Mary Lisbeth Gonzalez

Since 2014, Mary Lisbeth Gonzalez is a Senior Social Development Specialist working for the World Bank Land and Geospatial Unit part of the Social, Urban, Rural and Resilience Global Practice.

In this position, Ms. Gonzalez leads and supports Projects and initiatives deployed in Latin America, Africa, South Asia and South East Asia leveraging global knowledge to help outbreak region’s complex development challenges in land issues, social inclusion, territorial development and sustainability.

From 2008 to 2013, she was working for the Latin American Social Unit, covering social development, inclusion and World Bank social safeguards in land, agriculture and natural resources projects. Before 2008, she was an international consultant working for the World Bank and other multilateral and bilateral donors.

Ms. Gonzalez has a Ph.D. from Le Sorbone, France and a MA. from the George Washington University. She is Costa Rican citizen.

Mr. Caleb Travis Johnson

Mr. Caleb Travis Johnson is an Operations Consultant with the Global Land and Geospatial Unit of the World Bank’s Social, Urban, Rural and Resilience Global Practice. Projects he works on are located in Pakistan, Honduras, and Nicaragua.

Prior to joining the World Bank in December 2015, Mr. Johnson worked on a number of consultancies that promoted international trade in agricultural commodities for small businesses in the United States. Organizations he has consulted for include the U.S. Department of Agriculture, the U.S. Embassy in La Paz, Bolivia, and the Virginia Small Business Development Centers.

Mr. Johnson originates from Upstate New York. He holds a B.A. in International Relations & History from Houghton College and an M.A. in Global Affairs – Governance and Public Management from George Mason University.
Dr. Keith Clifford Bell

Keith Clifford Bell joined the World Bank in 2003 and he is a Senior Land Policy Specialist. During his tenure with the World Bank he has worked in over 20 countries across East, South and Central Asia, the Middle East, Europe and Latin America. His experience includes working in conflict and fragile states and also post-disaster recovery and reconstruction. Prior to the World Bank, he spent more than 20 years in the public and private sectors in Australia, working in land administration, land management, land information, land planning and development, construction, port development and maintenance, exploration, hydrography, mapping and the geospatial sciences. Dr. Bell, an Australian national, is a licensed surveyor and professional engineer (civil). He has previously headed land agencies in two states, and programs for national mapping in Australia as well as being the Secretary of the Australia New Zealand Land Information (Spatial Information) Council. In addition, he has continued his army service, either full-time or reserve, since the late 1970s. Keith is an eminent Fellow of the Institution of Surveyors Australia, the Institution of Engineers Australia and the American Society of Civil Engineers.

Mr. Hafiz Zainudeen

Hafiz Zainudeen currently serves as the operations analyst in the World Bank Sri Lanka country office. Although he primarily undertakes activities involving portfolio monitoring, quality control and operations coordination, he also serves as the local focal point for land administration and tourism development. His work in Sri Lanka and the Maldives in the last six years has involved taking the lead on analytical pieces on land administrations challenges, trade facilitation, consumption patterns and public expenditure trends in agriculture. He has also supported activities involving tourism development, judicial reform and poverty analysis. He holds a MBA (from Cardiff Metropolitan University), and degrees in law (from the University of London), and economics (from the University of Colombo). He is also an Attorney-at-Law and a Project Management Professional.