



Comprehensive
Curriculum Vitae of

Reynaldo Perez Ramos
Associate Professor 5



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QUALIFICATIONS

PhD Built Environment/Urban Regeneration – Ulster University, Northern Ireland (UK)
Master of Philosophy (MPhil)
Environmental Engineering – University of Queensland, Australia
MSc Human Settlements and Devt (Urban Planning) – Asian Institute of Technology, Thailand
BS Civil Engineering – TUP
Diploma Civil Technology – Technological University of the Philippines (TUP)

PROFESSIONAL AFFILIATIONS

Member, The International Academic Forum (IAFOR), Japan (2020-2022)
Member, International Society of City and Regional Planners (ISOCARP), The Netherlands, 2020-2022
Member, Philippine Institute of Civil Engineers (PICE)
Member, Philippine Institute of Environmental Planners (PIEP)
President, PICE-Romblon Chapter 2021-present
Secretary, Asian Institute of Technology Alumni Association- Philippine Chapter, 2011-2017
Member, Philippine-Australian Alumni Association, Inc. (P3Ai)
Member, Networked Digital Library for Theses and Dissertations (NDLTD), USA, 2017-present
Member, Air and Waste Management Association-Philippine Section, since 1996
Member, Philippine Green Building Council, 2011-2013
Member, Water Environment Federation, USA, 1997-1998

CAREER SUMMARY

Engr. Ramos is a registered Philippine Environmental Planner (#5208), Civil Engineer (#57085), with 15 years experience in environmental and urban developmental projects both in Thailand and the Philippines.

He has a strong professional track record in environmental management system (EMS), coastal management, water and wastewater treatment, noise and ambient air quality monitoring, waste management, watershed management, river system management, urban regeneration/urban renewal,

occupational health and safety assessment, EMS awareness initiatives, and quality management system (QMS) and internal audit.

Engr. Ramos has a solid background in project proposal preparation, and business development and marketing, including the conduct of training programs, workshops, and seminars on proper operation and maintenance of newly installed or rehabilitated water and wastewater treatment projects; and preparation of environmental impacts assessment (EIA) reports for various projects, and procurement and bids preparation. He is also an individual Environmental Impact Assessment (EIA) Preparer (#152) recognized by the Department of Environment and Natural Resources (DENR-EMB) since 2012; and he is also an AACUP Accreditor for state and colleges and universities (SUCs) in the Philippines.

He served as a part-time professorial lecturer at the Rizal Technological University (RTU) and the Technological University of the Philippines (TUP) for undergraduate and postgraduate programs, since 1995 and 1998, respectively handling urban planning courses, including research projects (thesis writing).

He also visited some prominent cities in Southeast Asia (Bangkok, Kuala Lumpur, Jakarta, Singapore, Taipei, Kaohsiung, Chiang Mai, Nagoya, Tokyo, Taipei, Kaohsiung, Hong Kong); Australia (Brisbane, Gold Coast, Canberra, Sydney, Melbourne); United Kingdom (London, Edinburgh, Birmingham, Glasgow, Blackpool, Manchester, Belfast); Europe (Vatican, Florence, Italy, Madrid, Dublin, Stockholm, Helsinki); and New Zealand (Auckland).

DETAILED EXPERIENCE

Higher Education Institution (HEI) Experience

July 2019 – Present
Associate Professor 5

June 2015 – June 2019
Associate Professor 2
Romblon State University, College of Engineering and Technology, Civil Engineering Department

Teaches undergraduate program subjects: Environmental Engineering, Hydrology, Contracts and Ethics, Water Supply



and Irrigation, Research Project (Thesis Writing, Adviser and Panel Member), Project Management; graduate program subjects: Methods of Research, and Environmental Science

August 2020 – Present
Director, International Linkages & External Affairs Office
QMS Internal Auditor (2021-present)

July 2016 – August 2020
Director, Planning and Development Office
Head, Intellectual Property Unit
QMS Coordinator (2019-2020)

(Refer to Item Professional History for additional information)

Environmental Project Experience

June 2012 – March 2013
Environmental Impact Assessment for the Proposed
Silangan Copper-Gold Project
Surigao del Norte, Philippines
Silangan Mindanao Mining Company, Inc.

Conduct the environmental and impact assessment study for the proposed block caving mining project.

Assistant Project Manager

- Coordinate with the client and DENR-EMB in various meetings, site visits and public consultations
- Coordinate with module leads/teams in all aspects of the survey/field work and report preparation/submission
- Monitor the progress of the project as per scope of work
- Arrange all the logistic supports and assistance for all the staff and sub-consultants involved in the project

March 2012 – May 2012
Technical Assistance to International Container Terminal
Services, Inc. (ICTSI) for Hijo Port Upgrading
Davao del Norte, Philippines
International Container Terminal Services, Inc.

Technical assistance in the port upgrading. A roadmap in permitting and approvals.

Team Member

- Coordinate with the client and DENR-EMB Regional office in the management of the project
- Conduct site inspection and report preparation

July 2011 – March 2013
Initial Environmental Assessment for the 100 MLD Water
Treatment Plant Project
Province of Rizal, Philippines
Manila Water Company, Inc.

Preparation of the Initial Environmental Examination report as a requirement for the Environmental Compliance Certificate issuance.

Project Manager

- Review of the module reports
- Coordinate with the client and DENR-EMB in the management of the project

June 2011 – March 2013
Runruno Ambient Air & Noise Construction Monitoring
Project
Nueva Vizcaya, Philippines
FCF Minerals Corporation

Preparation of the quarterly and annual ambient air quality and noise monitoring reports for the exploration of a mining site.

Project Manager/Quality and Noise Specialist

- Review of the quarterly and annual reports
- Coordinate with the client in the management of the project
- Conduct site visits as required by the client
- Prepare technical and financial proposals for the renewal of the contract

June 2011 – March 2013
Sual Air Quality & Noise Monitoring Project
Sual, Pangasinan
TeamM Sual Corporation

Preparation of the quarterly and annual ambient air quality and noise monitoring reports for the exploration of a power station.

Project Manager/Quality and Noise Specialist

- Review of the quarterly and annual reports
- Coordinate with the client in the management of the project
- Conduct site visits as required by the client
- Prepare technical and financial proposals for the renewal of the contract

August 2011 – May 2012
Environmental Impact Assessment for Solomon Islands
Mines Project
Solomon Islands
Sumitomo Metal Mines

Assistance in the project management and review of the weather and climate module report.

Team Member

- Review of the weather and climate module reports
- Assistance in the coordination of the client and consultants

February 2012 – December 2012
Initial Environmental Examination for Cooper Industries, Inc.
Batangas, Philippines



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Province of Romblon
MIMAROPA Region, PHILIPPINES 5505



College of Engineering & Technology
Civil Engineering Department

Cooper Industries, Inc.

Preparation of the Initial Environmental Examination report as a requirement for the Environmental Compliance Certificate issuance within the Philippine Export Processing Zone (PEZA).

Team Leader

- Review of the IEE checklist
- Coordinate with the client, PEZA and DENR-EMB in the approvals for various permits

August 2011 – February 2012

Comprehensive Marikina Watershed Management Plan Project

Manila, Philippines

Manila Water Company, Inc.

Preparation of the comprehensive and integrated management plan for Marikina Watershed which covers watershed characterization, and stakeholders capacity building/workshops and consultations.

Assistant Project Manager

- Over-seeing the daily activities of the project
- Coordinate with the various consultants, stakeholders, and the project proponent
- Prepare and conduct disclosure meetings in the finalization of the Plan
- Assist in the finalization of the Plan report

June 2011 – September 2011

Tampakan Copper-Gold Mine Project –EIS Project

Manila, Philippines

Saguittarius Mines, Inc.

Preparation of the Environmental Impact Assessment for the Tampakan Coper-Gold Mine Project located in Regions 11 and 12, Philippines with approximately 9,605 ha to extract up to million tones per annum of mineral deposits.

Air Quality and Noise Specialist

- Review of the module report
- Presented the results of the study in the disclosure meetings with various stakeholders and Review Committee of DENR-EMB.

June 2004 – September 2005

ISO14001 Environmental Management System (EMS) Technical Assistance to Land Bank of the Philippines

Manila, Philippines

Land Bank of the Philippines

Development and certification for ISO14001 Environmental Management System for Land Bank of the Philippines, including review of various reports, conduct of awareness seminar-workshops for more than 2,000 employees and contractors of the client.

Assistant Team Leader

- Review of various reports
- Conduct of awareness seminar-workshops for more than 2,000 employees and contractors of the client
- Guidance and mentoring on securing the ISO14001 certification of the bank.

June 2004 – December 2004

Manila Bay Operational Plan Preparation

Metro Manila and nearby towns, Philippines

Dept of the Environment and Natural Resources (DENR)

Inter-agency coordination and monitoring strategies for managing Manila Bay area.

Environmental Specialist/Project Coordinator

- Coordination with the main proponent
- Documentation of the various meetings
- Consolidation and integration of various reports from agencies involved

January to September 2005

Conduct of Noise and Ambient Aid Quality Monitoring for Panay Power Corporation

Iloilo, Philippines

Panay Power Corporation

A quarterly monitoring of a power plant for air and noise modules

Assistant Project Team Leader

- Conduct of on-site quarterly monitoring of noise and ambient air quality
- Preparation of the monitoring reports
- Coordination with the laboratory centers for timely release of the test analysis

December to February 2005

Conduct of Rapid Occupational Health and Safety practices, Assessment and Environmental Monitoring and Analysis

Makati, Philippines

PET, Inc.

In-door quality testing and measurements, including water and wastewater analysis for an electronics testing center

Team Leader

- Assistance in the conduct of the training seminar
- Assistance in the conduct of on-site indoor air quality sampling and measurement for six working stations/area
- Coordination with the client for the report preparation
- Coordination with laboratory firm for the immediate release of test results



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Mid of 2001

Toxic and Hazardous Waste Characterization for Alternative Fuel Project

Makati, Philippines

An independent foreign consulting firm

A study to characterize the generation of toxic and hazardous in selected areas in the Philippines.

Project Consultant

- Review of various reports
- Consolidation and integration of report
- Site visits and coordination with concerned agencies

PROFESSIONAL HISTORY

March 2013 – May 2015

**Pasig River Rehabilitation Commission (PRRC)
Planning Officer/Head**

- Acts as the Head of the Planning Division
- Integrates plans and programs of the Commission
- Bids and Awards Committee member
- Member of the Personnel Movement and Training Committee (PMTTC)
- Serves as the Secretariat for MANCOM Meetings

June 2011 – March 2013

**AECOM Philippines
Senior Principal Environmentalist**

- Liaisons with various clients and government agencies involved in the EIA process and ECC application
- Team Leader for Air Quality Module of the EIA process
- Served as Project/Assistant Manager in various mining projects
- Served as Employee Engagement (EE) Co-head for the welfare of the employees and other employer-employee related activities

September 2005 – June 2011

**University of Ulster, Northern Ireland
PhD Researcher and Tutor**

- Conduct of a research study on mixed-use development located in urban regeneration areas at the various city centers in Ireland and the UK.
- Member panel during the deliberation of the final projects of undergraduate students
- Student representative in various graduate committees
- Handled tutorial classes for undergraduate modules – construction technology and management
- Facilitated the conduct of module exercises through group works

May 2004 – September 2005

**Tetra Tech EM, Inc., Philippines
Environmental Specialist**

- Assistance in the preparation of technical and financial proposals
- Facilitate in the conduct of trainings and capacity buildings
- Team Leader in the air quality monitoring projects
- Project Coordinator for ISO14001 EMS development and implementation

- Project Coordinator for environmental health and safety trainings
- Preparation of various IEC (flyers, brochures) and other marketing/promotional materials

July 1999 – December 2001

Earhtlinks Technosystems and Management Corporation, Philippines

Managing Director

- Overall management of the company
- Preparation of technical and financial proposals
- Preparation of marketing materials
- Administrative works
- On-site supervision of water and wastewater treatment systems, including supervision of technicians
- Liaison with various government institutions for clients environmental compliance for wastewater treatment facilities
- Conduct of trainings for water and wastewater treatment facilities

August 1995 – February 1999

**Enviro-Chem Marketing and Services, Inc., Philippines
Operations Manager/Administrative Officer**

- Preparation of technical and financial proposals for the products and services on water and wastewater treatment systems
- Conduct of product presentations for client needs
- Assistance to the clients in environmental laws and guidelines compliance
- Represented the company in various meetings and other functions
- Coordination with foreign investors and suppliers for possible tie-ups and ventures
- Responsible for manpower hiring and other administrative functions such as employees benefits, importation requirements and bank transactions

August 1995 – 2001

GAIA South Inc. (Environmental Consultants), Philippines

Environmental Planner/Consultant

- Preparation of the Project Description of the EIA Reports, including IEE Report submission
- Represented the company in various meetings with the clients
- Consolidation and integration of various environmental reports

August 2004 – January 2005

**Subic Bay Metropolitan Authority (SBMA), Philippines
Urban Planner**

- Preparation of land-use plans, infrastructure development plans, development plans and standards
- Review of various development project proposals

February 1993- August 1994

Continuing Education Center, Aisan Institute of Technology, Bangkok, Thailand

Program Associate

- Assistance in the development and implementation of environmental short-term training courses, seminars and workshops.



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- Facilitator in the actual conduct of the training programs, speakers' invitation, including training materials preparation and post evaluation reports preparation
- Assistance in the preparation of marketing materials for international environmental training programs
- Assistance in the maintenance of the database for target participants

October 1994 – May 2015

**Technological University of the Philippines (TUP) Manila
Professorial Lecturer (on a part-time basis)**

- Teaching Urban and Regional Planning course for civil engineering graduate students

June 1999 – May 2015

**Rizal Technological University (RTU), Philippines
Associate Professor 5 (on a part-time basis)**

- Teaching Urban Planning course for civil engineering undergraduate students, including Environmental Science, Hydrology and Irrigation

May 1989 – May 1991

**Local Development Planning Office, Municipality of
Makati (City of Makati), Philippines
Planning Officer**

- Project Coordinator in the initial stage preparation for the cityhood of Makati
- In-charge in the preparation and reproduction of municipal maps for land use planning purposes in coordination with NAMRIA
- Assistance in the finalization of plans and programs for the whole municipality through regular conduct of planning meetings and workshops

January 1987 – April 1989

**Integrated Research Training Center, Technological
University of the Philippines**

Science Research Assistant

- Testing of concrete cylinders and construction materials
- Assistance in the conduct of research works of the technical staff
- Maintenance of laboratory equipment and machines

SEMINARS/TRAININGS/CONFERENCES

- *Manila – Philippines:* Topics/courses related to green buildings, global climate change/adaptation, green building, waste to energy, green building, urbanization, industrial park management, industrial waste management, toxic and hazardous waste management, air quality management and monitoring, ISO 14001 (EMS), ISO 9001 (QMS), incineration system, municipal waste planning, waste minimization, tourism development, wastewater treatment system, environmental management and auditing, environmental impact assessment. Basic training courses on site surveying, materials testing, soil testing, pre-stressed concreting, asphalt pavement, trial mixing, underwater concreting. Basic training courses on Geographic Information System (GIS).
- *Nagoya/Tokyo-Japan:* Industrial solid waste management and recycling, WASTEC'99 (solid waste management exhibition).

- *Bangkok-Thailand:* Environment and urban housing.
- *Seattle/Atlanta/Chicago/San Diego-USA:* Waste Expo'97 Exhibition and Site Visits (WEF), Air and Waste Management Association (AWMA)'98; Exhibition, Waste Expo'98 Exhibition and Site Visits and Study Trips on Waste Management facilities; ESRI – GIS Conference, 2006.
- *Northern Ireland and UK:* International Water Exhibition (2003); Urban regeneration and housing
- *Brisbane/Melbourne-Australia:* Event industry waste management, water management, air space waste management, and environmental management, site visit for hospital waste facilities, and bio safety programs.
- *Auckland-New Zealand:* Sustainable Engineering and Science International Conference.

AWARDS AND COMMENDATIONS

- Certificate of Commendation, excellent milestones of an organized continuing activity on Conservation Agriculture in collaboration with Kansas State University, USA
- 2nd Place, SALM Category, RSU Virtual Agency In-House Research Review, October 2020
- 3rd Place, EDI Category, RSU Virtual Agency In-house Research Review, October 2020
- Travel Grant Awardee, 21st International Symposium on Electronic Theses and Dissertations Beyond the Boundaries of Rims and Oceans: Globalizing Knowledge with ETDs, September 2018, Taipei, Taiwan
- 1st Place-Social Science, Paper category winner, 6th STIRDC Regional Research Development and Extension Conference, 2017, MIMAROPA Region
- Best Paper Award, 42nd National Convention of the Philippine Institute of Civil Engineers (PICE), 2016
- Runner-up GeoMashup (GIS Application project proposal competition for graduate students), Northern Ireland, UK, 2009
- Publication Award, Tetra Tech EM, Inc., Philippines, 2005
- Academic Recognition, BS Civil Engineering, TUP-Manila Philippines, 1989
- With Honors, Diploma in Civil Technology, TUP-Manila, Philippines, 1985
- AusAID grantee 2002-2004, Master of Philosophy Program, University of Queensland, Brisbane, Australia
- VCRS scholarship grantee, PhD Program, 2005-2009, University of Ulster, Northern Ireland, UK
- Full scholarship grantee, MSc program at the Asian Institute of Technology, Thailand

PUBLICATIONS AND PRESENTATIONS

- Planerary Speaker, Technical Paper: Mixed-use Schemes: Key Driver in Regenerating Towns and Cities, Philippine Institute of Environmental Planners (PIEP), 50th Anniversary and National Convention, November 2019, Manila, Philippines
- Session Speaker, Technical Paper: Fourth Industrial Revolution: Opportunities and challenges on higher education institutions (HEIs) towards 2030 Sustainable Development Goals (SDGs) Agenda, Philippine Institute of Civil Engineers 45th National Convention and Technical Conference, October 2019
- Session Speaker, Technical Paper: Civil Engineering and Sustainable Development Goals (SDGs): Future



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- Challenges in Building Resilient Towns and Cities, 44th National Convention and Technical Conference of the Philippine Institute of Civil Engineers, October 2018
- Travel Grant Awardee and Technical Paper Presenter, 21st International Symposium on Electronic Theses and Dissertations Beyond the Boundaries of Rims and Oceans: Globalizing Knowledge with ETDs, September 2018, Taipei, Taiwan
 - Paper Presenter, Technical Paper: Performance indicators of mixed-use schemes (MUS) towards sustainable built environment: International development perspective, 6th International Conference on Civil Engineering, August 2017, Manila, Philippines
 - Mixed-use schemes in urban regeneration areas, PhD thesis, June 2011, University of Ulster, Northern Ireland
 - Paper Presenter, Mixed-use scheme: key driver in regenerating towns and cities, Graduate School Day Conference, University of Ulster, Belfast, Northern Ireland, April 2008.
 - Paper Presenter, A three-level disposal framework: Promoting participatory approaches in toxic and hazardous management, Annual Convention and Exhibition, AWMA-Manila, Philippines, February 2007.
 - Enhancing Stakeholders Participation in Environmental Decision-Making Process: A Case Study of Waste Disposal Siting in the Philippines, a technical paper submitted in Environmental Sustainable Development Conference, Helsinki, Finland, June 6-8, 2005 (Got a publication award from Tetra Tech EM, Inc.)
 - Establishing Infrastructure Development for Toxic and Hazardous Waste (THW) Surface Disposal in the Philippines, Master by Research, University of Queensland, Brisbane, Australia, December 2005
 - Paper Presenter, Establishing Disposal Siting Mechanism towards a Sustainable Industrial Waste Management in the Philippines, a paper presented at the Sustainable Engineering and Science International Conference, New Zealand, July 2004
 - Waste Management in Developing Countries: A Case Study of Toxic and Haz Waste Management in the Philippines, EERE 2003 Proceedings
 - Paper Presenter, Public-Private Partnership in Social Housing Development: A Case Study of the Joint Venture Program (JVP), Metro Manila, Philippines, Proceedings of the International Symposium on Urban Housing: Issues on Environment and Technology, November 1993
 - Public-Private Partnership in Social Housing Development: A Case Study of the Joint Venture Program (JVP), Metro Manila, Philippines, Master's Thesis, Asian Institute of Technology, Thailand, 1992

- the Graduate Education and Professional Studies (GEPS), Romblon State University, Romblon, Philippines
- Thesis Adviser (2015—present). Supervises undergraduate thesis (research project) in the College of Engineering and Technology, Romblon State University, Romblon, Philippines
 - Thesis Adviser (1998-2014). Served as undergraduate adviser for research project (thesis) in the College of Engineering and Industrial Technology (CEIT), Rizal Technological University, Mandaluyong City, Philippines

SCIENTIFIC REVIEW COMMITTEE MEMBERSHIP

- Team Member, Editorial and Technical Support, Journal of Electronic Theses and Dissertations (J-ETD), <https://sites.google.com/ndltd.org/ji-efd/home>
- Panelist Member. Online Mangarabtaan 2020: Mindoro State College of Agriculture and Technology (MinSCAT) RDE Agency-In House Review, 2-3 December 2020. This event is organized by Mindoro State College of Agriculture and Technology, Oriental Mindoro for its RDE programs and projects' review. I am honored to take part as member of the panel to provide helpful insights for improvement of these RDE initiatives under industry, energy, and emerging technology.
- Review Committee Member. 15th International Conference on the European Energy Market 2018 (www.eem18.eu) held in Lodz, Poland, 27-29 July 2018.

EXTERNAL PhD THESIS EXAMINER, POSTGRADUATE & UNDERGRADUATE THESIS ADVISER

- Castillo, J.A. (2017). Assessing the Carbon Budget of Mangrove Forests and their Competing Land Uses in the Philippines, PhD Thesis, University of Southern Queensland, Toowoomba, Queensland, Australia
- Abdullah, W.N.Z. (2016). Habitat Mapping and Species Distribution Modelling of the Endangered Bullock Jewel Butterfly (*Hypochrysops Piceata*), PhD Thesis, University of Southern Queensland, Toowoomba, Queensland, Australia
- Panel and Thesis Adviser (2021-present). Serves as an internal examiner and supervises post graduate thesis at