

BRIEF CURRICULUM VITAE

Name: ROLANDO L. METIN

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Summary Qualifications

ROLANDO L. METIN's experience in management and governance, mostly in environment and natural resources sector and in environmental investments, spans more than 30 years.

Dr. Metin was Undersecretary of the Department of Environment and Natural Resources (until he went into his final early retirement. As USEC, he supervised the Environmental Management Bureau, Ecosystems Research and Development Bureau and the Coastal Environment Programs, in addition to his core functions as Undersecretary for Management and Technical Services. His earlier stint at the DENR (prior to his first early retirement) was as OIC Undersecretary for Support Services (1991-93); Assistant Secretary for Management Services (1988-1993), Director of Administrative Service (with concurrent supervision over HRD and Financial Management Services, 1987-1988), and as Chief of Administrative Services at the Forest Research Institute (1975-1987).

He was a Career Executive Service Officer until his retirement from government service.

At present, he is a member of the Board of Directors of the Development Bank of the Philippines where he is Chair of the Board's Human Resource Committee , Vice-Chair of Development Advocacy Committee and member of the IT Governance Committee and Board Executive Committee. He likewise chairs the DBP Provident Fund board of Trustees starting 2017.

He likewise heads the Prism Express Consulting, Inc., and the Environment and Climate Change Advisers, Inc. which provide a range of consultancies in organization and environmental management and climate change.

Dr. Metin is a Board Member of the Career Executive Service Board (CESB) and the 5-man Academic Council of the Development Academy of the Philippines.

He was also ShortTerm Expert of the World Bank for the Program Budgeting Approach for the Climate Change Cluster of the Philippine Government, and Institutional Specialist of the DENR Integrated Natural Resources Management Project (INREMP).

Served in the boards/governing council of the Philippine Export Zone Authority, Technology and Livelihood Resource Council, Development Academy of the Philippines, Philippine Council for Agriculture and Resources Research and Development and National Social Action Council.

He is a faculty member of the Graduate School of Public Management and Development of the Development Academy of the Philippines, teaching management systems and theories; and doing thesis-advising work, mostly on environment, natural resources and institutions development. He also taught for three years at the graduate school of Miriam College Environmental Studies Program.

Member, Board of Directors of the LGU Guarantee Corporation starting 2017.

Member, Board of Directors, National Development Corporation starting 2017, representing the DBP Chairman.

Member, Board of Directors, Philippine International Trading Corporation, representing the DBP Chairman starting December 2016

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Education:	Doctor of Public Administration (1990), (<i>Dissertation: People's Participation in the Integrated Social Forestry Program: Implications for Development Program Management</i>); Master of Public Administration (Organization and Management) and Bachelor of Arts (Political Science), all degrees from the University of the Philippines
Present Address	Home: Valley Drive, Marymount Subd., Los Banos, Laguna, Tel. (049-636-4002) – Week-ends
Other Address	22-D Tower A, Kingswood Towers, Corner Pasong Tamo and Vito Cruz Extension, Makati City Tel 8977318;
Cell Phone	09156300295
Email	rlmetin@gmail.com
Civil Status	Married to Florinda Abarro of Zamboanga City, 2 children (a medical doctor and an entrepreneur)
Citizenship	Filipino
Language Proficiency	English, Filipino, (Excellent) Cebuano, Chavacano (Fair)
Place of Birth	Pinamalayan, Oriental Mindoro
Date of Birth	7 Sept. 1944

Experiences in Policy Work

Part of the top level policy making body at the DENR. Reviewed draft administrative orders/ circulars before signing by the Secretary. (2003-2004)

Initiated the policy and program on environmental partnership with the private sector

Provided technical assistance to DBP in adopting its policy on environmental due diligence, environmental performance monitoring and on funding of projects using coal. (2005; 2010)

Drafted the DENR Administrative Order on Devolution of Functions to the Local Government Units. (1992)

Prepared six devolution manuals (forest management, environmental management, land management, mines and geosciences management and protected areas and wildlife management. (1993)

Prepared for the International Labor Organization a policy paper on the Environment and the World of Work (1994)

As consultant, part of the team that drafted the Integrated Water Quality Management Framework (for DENR/JICA), now adopted as an official national policy. (2006-2007)

At present, Consultant and Resource Person – DENR Policy Working Group – the body that reviews all policy proposals before final review by the undersecretaries and approval by the Secretary. (2012 to present)

Studied for the World Bank and proposed (through a draft Executive Order) the appropriate institutional mechanism in carrying out the Supreme Court mandamus on the clean up of Manila Bay. (2011)

Participated in the drafting of the DOH policy on national sustainable sanitation. Finalized the draft. (2009)

Prepared the concept paper for the DBP Forest; Provided technical assistance in its implementation; Prepared the DBP Forest Guidelines. (2005-2007)

Prepared for DBP a roadmap on Financing Sustainable Sanitation Projects and another roadmap on investments in the environment sector

Participated as board member in policy making concerning the career executive service (2006-2010, 2016-present)

Participated as board member of the Philippine Economic Zone Authority in policy making concerning ecozone locators (2003-2004).

Other Experiences

July 2010- Oct 2016	Deputy Project Manager/ Acting Team Leader, Environmental Development Project, GHD Pty, an Australian company (deployed at the Development Bank of the Philippines)
2016	Preparation of the Protected Area Systems Management Plan, Biodiversity Management Bureau/Lichel Technologies

2015	Formulation of the Manual on the National Water Quality Management Fund and Manual on Area Water Quality Management Fund, Environmental Management Bureau/Prism Express Consulting, Inc.
2014	Organizational Effectiveness Studies for Protected Area Management, German International Cooperation, Manila
2013	Assisted DENR and EMB in the implementation of the Rationalization Plan
June 2007- June 2010	Institutions/Environmental Specialist, Sustainable Sanitation in East Asia (Philippine Component), World Bank/DOH/ Coffey International, an Australian company
Jan. 2005- June 2007	Senior Project Management Consultant (part time), Integrated Coastal Resource Management Project, DENR/NJS Consulting, a Japanese company.
Jan. 2005 - June 2007	Deputy Project Manager (part time), Environmental Infrastructure Credit Support Program Phase II, DBP/NJS Consulting.
May 2011- Dec. 2011	Management and Policy Consultant (part time), Environmental Management Bureau, Assisted the EMB in establishing an Environmental Compliance Assistance Center for Local Government Units (launched by the DENR Secretary in December 2011)
March 2011 Sept 2011	Management Consultant (part time), World Bank Office Manila Studied and recommended appropriate institutional arrangement for the Integrated Water Quality Management Project for Manila Bay. Drafted Executive Order on the institutional and organizational structure in managing Manila Bay.
February - May 2011	Senior Environmental Governance Specialist (part time), ECOM, Bangkok, Thailand, for the Asian Environmental Compliance and Enforcement Network (AECEN), a US-AID Project. AECOM is an American company Preparation of the Toolkit for Environmental Compliance Assistance Center for use of Asian countries.
November 2010-April 2011	Team Leader and Policy/Institutional Specialist (part time), Final Evaluation of the Project – Capacity Building to Remove Barriers to Renewable Energy Development, GEF/UNDP/DOE Conducted final evaluation of the project in accordance with UNDP protocols. Report was accepted by UNDP and DOE.

October 2010-June 2011	Sr. Institutional Specialist, Water and Sanitation Program-World Bank, WBOM, part time
July 2011- June 2012	<p>Provided technical assistance to EMB XII in organizing and mobilizing the Governing Board and Multi-sectoral for the Water Quality Management Area for Silway River, South Cotabato; for the preparation of the WQMA Action Plan and for the preparatory work on LGU compliance plans and first water quality status report.</p> <p>Led the provision of technical assistance to EMB Region I in organizing and mobilizing 9 local government units and other stakeholders for the establishment and designation of the Sinocalan/Dagupan Water Quality Management Area in Pangasinan, Philippines, and in the creation of the WQMA Governing Board.</p> <p>Currently assisting EMB CAR, EMB XI, Caraga and EMB Region 4-A in the processes of designating Water Quality Management Area</p> <p>Prepared and authored two guidebooks for the Knowledge Management Series: Designation of a Water Quality Management Area and Marketing a Septage Treatment Facility</p> <p>Prepared a WQMA Guidance Document for the use of the EMB Regional Offices for the process of establishing and designating a WQMA</p>
August 2007 to March 2008	<p>Institutional Specialist, Metro Manila Air Quality Improvement Project, Gaia South, Inc.</p> <p>Prepared competency verification system for air quality staff of the Environmental Management Bureau.</p>
March 2007- July 2009	<p>Sr. Institutional Consultant, Asian Environmental Compliance and Enforcement Network, PADCO (now AECOM)</p> <p>Assisted the LLDA in establishing and operating Compliance Assistance Centers (CAC) for Hog Raisers and Slaughterhouse Operators; Coordinate with the sectors and candidates as CAC host; identify needs, including design the CAC webpage. Trained the two CAC's to become operational units. Prepared the CAC Manual of Operations and the Monitoring and Evaluation Manual for the two CAC's.</p>

- Feb 2007
May 2007 Environment and Natural Resources Sector Expert, Development Academy of the Philippines, San Miguel Avenue, Pasig, Metro Manila
- Major Task - Study of the ENR Sector, review of the DENR restructuring proposal and made recommendations in relation of the DENR reorganization/ rationalization plan under EO 366 for the use of the Department of Budget and Management
- August 2006
March 2007 Institutional and Policy Consultant, Formulation of Integrated Framework the Implementation of the Clean Water Act in the Philippines, Daruma Technologies
- Major Task - Studied and proposed the institutional framework and arrangements for the effective implementation of the Clean Water Act.
- 2000 -
2001 Institutional and Stakeholder Consultation Consultant, Strengthening the Laguna Lake Development Authority, under Tetra Tech, Inc, an American company
- Major Tasks - Organized and conducted 48 stakeholder consultations to gather their perception and attitude towards LLDA and recommendation for LLDA restructuring.
- Prepared a new organizational and staffing pattern for LLDA.
- June 1998
August 1998 Institutional Consultant, Watershed Management Improvement Project, Cowi Consult (Philippines) a Danish company, at the Forest Management Bureau
- Major Task - Developed alternative institutional mechanisms for watershed management in the Philippines.
- Nov. 1996-
Sept. 1998 Institutional Consultant, Pasig River Rehabilitation Project, Carl Bro. International, a Danish company, at the DENR
- Major Task - Developed alternative institutional arrangements for the sustainability of the Pasig River Rehabilitation Project.
- 1996 Institutional Consultant (for Biodiversity Conservation), DENR-UNDP IEMSD, May-June 1996
- Major Task - Studied and recommended appropriate institutional mechanisms for the biodiversity conservation and management in the Philippines.

May to
Oct. 1994 Institutions and Local Government Specialist, ENR SECAL Regional
Resource Management Project, Regions 9 and 10, Aciphil
Major Task – Evaluated 10 LGUs in Mindanao in terms of capacity
to undertake environment and natural resources management
functions. Wrote 10 case studies.

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Training/Conference/Workshops

Business Planning, Water and Sanitation Program-World Bank, Yogyakarta,
Indonesia, Jan. 31-Feb. 4, 2012.

Presenter, “Water Quality Management Area”, DOH-WSP WB Regional
Sanitation Summits, Region XII, III, XI and IV-B, 2010 and 2011.

Paper Presenter, “Is Green Growth Possible in the Philippines?”, Career
Executive Service Board, Phivolcs Auditorium, July 2010

Keynote Speaker and Paper Presenter, “Managing and Coping With
Transitions”, Career Executive Service Board, Manila Pavilion, June 2010

Paper Presenter, Greening Growth Thru HRD Intervention, Seoul Korea, Eastern
Regional Organization for Public Administration, Oct. 19-23, 2009.

Program Steering Committee and Tripartite Meeting of the Partnerships for the
Program for Environmental Management for the Seas of East Asia (PEMSEA),
IMO/UNDP, Best Western Xiamen Hotel, Xiamen, Fujian Province, PRC,
October 25-31, 2004

Chair, Working Group Meeting on the Sustainable Mechanism for the
Partnerships for the Program for Environmental Management for the Seas of East
Asia (PEMSEA), IMO/UNDP, Edsa Shangri’la, Metro Manila, Aug. 23-26, 2004

Ministerial Forum of the International Conference on the Sustainable Dev. Of
Seas of the East Asia Towards a New Era of Regional Collaboration and East
Congress 2003, Putra Jaya, Malaysia, Dec. 8-11, 2003

Senior Officials 21st Session of the Intergovernmental Panel in Climate Change
(IPCC) Vienna. Austria, Nov. 5-8, 2003

Chair, Senior Officials Meeting on Sustainable Development Strategy 9th
Programme Steering Committee meeting for the Global Environment Facility
GEF/UNDP/IUO, Pattaya, Thailand, Aug. 4-9, 2003

International Ministerial Conference and Expo on Agriculture Science and
Technology, Sacramento, California, US Department of Agriculture, June 22-25,
2003

UN Conference on Environment and Development, Rio de Janeiro, Brazil, June 1-9, 1992

Senior Officials 21st Session of the Intergovernmental Panel in Climate Change (IPCC) Noordjvic, the Netherlands, Nov, 1990

Attended a 12-day course on Reconciling Economic Policies and Environmental Protection at the Center for Advance Strategy for International Negotiation, Geneva (1991);

Seminar and Study Tour on Land Information Systems, Adelaide, South Australia and Sydney, New South Wales, March 1990.

Study Tour on Land Tenure and Land Management Systems, Hawaii, Massachusetts, Illinois and Wisconsin, USA, March-April 1992

Study Tour on Natural Resources Management and Development, South Australia, Canberra and New South Wales, November 1992

Seminar and Study Tour of Waste Treatment Facilities like waste water treatment, materials recovery, incineration and sanitary land fills (Norway, Sweden, Germany, November 28 to December 10, 2000);

Seminar and Study Tour on Environmental Policy and Management in Sweden, June 1-10, 2003;

Seminar and roundtable discussion on Japanese Experiences in Industrial Pollution Control, Tokyo, Japan, March 9-12, 2004

Seminar and Study Tour on the Management Polychlorinated Biphenyls (PCBs) and Site Remediation, San Francisco California, May 17-23, 2004

International Conference on Coastal Cities, Xiamen, China, October 12-13, 2006

Papers Written:

- Community Based Forest Research and Development, Canopy International, 1985
- Packaging and the Environment, Canopy International, 2002
- Financing Forestry Projects, Presented to the Symposium on Forest Management, Haribon Foundation, 2004
- People's Participation in the Integrated Social Forestry Program: Implications for Development Administration, Doctoral Dissertation, UP CPA, 1990
- Participatory Environmental Impact Assessment in the Philippines, with F. S. Factoran, in Paul R. Kleindorfer, Energy, Environment, and the Economy: Asian Perspectives, Cheltenham, UK: Brookfield, Vt, 1996
- Financing Coal Mining Projects, Concept/ Action Paper submitted to the Development Bank of the Philippines, 2005

- Population and the Environment, Paper Presented in the Forum on Population and the Environment, DENR, 2007
 - ENR Sector Report, Development Academy of the Philippines, (submitted to the Department of Budget and Management as input to the rationalization plan of DENR. 2007
 - Solid Waste Management for the City of Manila, Concept/ Action Paper submitted to the Development Bank of the Philippines, March 2008
 - Competency Verification Manual for Air Quality Staff of EMB, as an output for the Metro Manila Air Quality Improvement Project, 2009.
 - Green Growth Thru HRD Interventions, Presented to the Eastern Regional Organizational for Public Administration, Seoul, Korea, Oct 20-23, 2009
 - Waste Water Generation in General Santos City, a paper prepared for the Sustainable Sanitation in East Asia as input to the GenSan Septage Management Program and the designation of the Silway River WQMA. 2009
 - Supply and Demand for Sanitation in General Santos City, a paper prepared for the Sustainable Sanitation in East Asia as input to the GenSan Septage Management Program, 2009
 - Procedures in Designating a Water Quality Management Area, Sustainable Sanitation in East Asia, Water and Sanitation Program-WB, 2009
 - Marketing a Septage Treatment Facility, Sustainable Sanitation in East Asia, Water and Sanitation Program-WB, 2009
 - A Toolkit for the Establishment of Environmental Compliance Assistance Centers in Asia, AECEN/Eco-Asia/AECOM Bangkok, 2011
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