



JOY MOLINA MIRASOL
SUC President III
Bukidnon State University
Malaybalay City, Bukidnon

1. FIELD OF DISCIPLINE/ SPECIALIZATION

Academic Background

Ph.D. in Mathematical Sciences major in Applied Mathematics, University of Science and Technology in Southern Mindanao (formerly Mindanao University of Science and Technology), Cagayan de Oro City, Philippines (Commission on Higher Education-Mindanao Advanced Education (CHED-MAEP) Fellow, 2001)

Master of Science in Applied Mathematics, University of Science and Technology in Southern Mindanao (formerly Mindanao University of Science and Technology), Cagayan de Oro City, Philippines, 1999

Bachelor of Science in Civil Engineering, Silliman University, Dumaguete City, Philippines, 1989 (Licensed Civil Engineer)

2. RELEVANT ISSUES, TRENDS AND INNOVATIONS

2.1 Research Program Leader on the following University-wide Research Programs

- 2.1.1 Multidimensional Analysis of Determinants in the Academic Achievement of Basic Education Learners in Northern Mindanao: Its Implication to Higher Education Institutions (HEIs), (2021-2022)
- 2.1.2 Disaster Risk Reduction and Management Research Program in the Province of Bukidnon, Philippines, (2017-2020)
- 2.1.3 Poverty Alleviation: The Role of the Academe (2011)
- 2.1.4 Climate Change for Bukidnon Province: Multidimensional Model for Education, Socio-Economics, Health, Science and Governance (2010)

2.2 Extension Program Leader on the following University-wide Extension Programs

- 2.2.1 Strengthening Mindanao Protected Area Management Board Network (PAMB) towards Bio-cultural Diversity Conservation and Sustainable Development (2017-present)
- 2.2.2 Pag-ambitay daw ag Kaulian (Share to Heal): A Social Innovation of Bukidnon State University Kontra COVID-19 (2020-2022)

2.3 Other Innovations Conceptualized and Facilitated, and Approved by the Board of Regents

- 2.3.1 Establishment of the University Statistical Center
- 2.3.2 Establishment of the Four Research Centers – Center for Educational Analytics, Center for Local Governance, Center for Peace Studies, and Center for Mathematical Innovations
- 2.3.3 Bukidnon State University Research Ethics Committee – earns the first and only Philippine Health Research Ethics Board (PHREB) committee accreditation in Northern Mindanao (Region X)
- 2.3.4 Establishment of the Intellectual Property and Technology Transfer Unit (IPTTU)
- 2.3.5 Spearheaded a research-based Mentoring Program of the University on Advanced Methodologies in Research
- 2.3.6 Submitted and Approved Balik Scientist Program for Bukidnon State University on Geographic Information System (GIS)
- 2.3.7 Grant Agreement with Bukidnon State University and the International Institute for Environment and Development (IIED) of United Kingdom to develop and test Site-Level Assessment of Governance and Equity (SAGE)

3. PROFESSIONAL ACHIEVEMENT AND DEVELOPMENT

3.1 Study Grant

- awarded a study grant by the Commission on Higher Education Mindanao Advanced Education Program (CHED-MAEP) to study at the Mindanao Polytechnic State College (1999-2001), Ph.D. in Mathematical Sciences, major in Applied Mathematics

3.2 Adjunct Professor

- Adjunct Professor of the School of Environmental Science and Management (SESAM), University of the Philippines, Los Baños, Philippines (April 2020 – present)

3.3 Attendance to Seminars/ Workshops/ Training as Participant

Title of Seminar/ Workshop/ Training	Nature of Participation	Date/ Place	Level of Seminar/ Training/ Workshop	Sponsoring Agency
FY 2023 Program of Receipts and Expenditures (PRE) Preparation Workshop	Participant	September 8-9, 2022	Institutional	Bukidnon State University
Gender Mainstreaming in Program Evaluation Coaching the Regional Quality Assessor of CHED X	Participant	June 16-17, 2022	Regional	CHEDRO X Bukidnon State University
Orientation Training-Workshop on Situational Analysis and Setting of Vision, Mission, Goals, Objectives Development Thrust and Strategies	Participant	April 25, 2022 Via Zoom	Regional	CHED CMU

Training Course on ISO 9001:2015 Interna Quality Audit	Participant	March 31- April 1, 2022 Via Zoom	Institutional	Bukidnon State University
AMDABIDSS-Health's Media Launch	Participant	March 29, 2022 Via Zoom	Regional	UP- Mindanao
Risk Based Thinking (RBT) and ROAP Preparation	Participant	February 4, 2022 Via Zoom	Institutional	Bukidnon State University
MATHTED's 13 th Biennial and 1 st Virtual International Conference on Mathematics Education	Participant	October 21- 23, 2021 Via Zoom	International	MATHTED, Inc.
BukSU's Graduate Studies Curriculum Review and Enhancement	Participant	September 27-30, 2021 Via Zoom	Institutional	Bukidnon State University
Online Training Course on Knowledge Management	Participant	September 21-24, 2021 Online Platform	National	Development Academy of the Philippines
Intellectual Property Policy Development Mentorship Series	Participant	August 31- September 3, 2021 Via Zoom	Institutional	Bukidnon State University
Institutional Sustainability Assessment Research Writeshop and Document Compilation for ISA CHED Visit	Participant	June 9, 2021 Via Zoom	Institutional	Bukidnon State University
Public Sector Unionism Orientation-Workshop for Government Agency Managers	Participant	May 11-12, 2021 Via Zoom	Regional	Civil Service Commission Region X
39 th DOST-PCHRD Anniversary	Participant	March 17, 2021 Via Zoom	National	DOST-PCHRD
NRCP Membership Promotion Caravan	Participant	March 9, 2021 Via Zoom	Inter-regional	DOST XI NRCP
Philippine Association for Graduate Education Region 10 WEBICON 2021	Participant	February 20, 2021 Via Zoom	Regional	PAGE X
ISO Quality Management	Participant	February 3- 5, 2021	National	Development Academy of the Philippines

System Webinar Series		Via Zoom		
Review and Enhancement of BukSU's Graduate Program	Participant	January 13-15, 2021	Institutional	Bukidnon State University
NCRP Regional Basic Research Caravan	Participant	December 4, 2020	Regional	Kagawaran ng Aghan at Teknolohiya, Pambansang Sangguniang sa Pananaliksik ng Pilipinas, National Research Council of the Philippines
Capability Building for Higher Policy, Policy Making Course	Participant	November 4- November 13, 2020 Virtual	International	Korea International Cooperation Agency and the Silla University under the International Cooperation Program of the Government of Korea
AACCUP Webinar on Online Accreditation System	Participant	September 14-16, 2020 Butuan City, Philippines		AACCUP
Virtual BLUDIP Phase II Writeshop	Participant	October 22-23, 2020 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Effective and Engaging Events: Platforms, Processes and Protocols	Participant	June 15, 2020 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Harnessing Adaptive Leadership in Times of Crisis Theme: Adaptive Leadership: Purposeful Evolution in Real-time	Participant	June 12, 2020 Via Zoom	National	Career Executive Service Board
Orientation on Student Internship Abroad Program, Admission of Foreign Students, and International Trip	Participant	March 13, 2020 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
1 st Mentoring Session on Internationalization	Participant	February 28, 2020	Institutional	Bukidnon State University

		Malaybalay City, Bukidnon		
BukSU Institutional Sustainability Assessment (ISA) Coaching Workshop	Participant	February 12-14, 2020 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
BukSU-PMT Ad-Hoc Committee Workshop for the Enhancement of Performance Indicators	Participant	February 3-4, 2020 Dahilayan, Manolo Fortich, Bukidnon	Institutional	Bukidnon State University
Seminar-Writeshop on Enhancing Performance Indicators of the OVREIA Units	Participant	February 26, 2020 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Review and Enhancement of BukSU's Graduate and Legal Education Programs	Participant	January 15-17, 2020 Cagayan de Oro City	Institutional	Bukidnon State University
Seminar-Workshop on the Formulation of the Strategic Development Plan for the Satellite Campuses	Participant	December 10-12, 2019 Cagayan de Oro City	Institutional	Bukidnon State University
4 th Mindanao Protected Area Management Board Network Conference	Participant	November 26-27, 2019 Zamboanga City	Regional	Mindanao PAMB Network
2019 OVPREIA/OVPAA Assessment and Strategic Planning	Participant	November 18-20, 2019 Dahilayan, Manolo Fortich, Bukidnon	Institutional	Bukidnon State University
2019 Bukidnon Anti-poverty Summit	Participant	November 8, 2019 Valencia City, Bukidnon	Local	LGU –Bukidnon
2019 Region X HR Congress	Participant	October 9-11, 2019 Cagayan de Oro City, Philippines	Regional	Empowered Human Resource Managers & Practitioners Civil Service Commission Region X Council of People Managers, Inc.

Discussion on the Guidelines on Thesis and Dissertation Writing for HEIs in Region 10	Participant	August 16, 2019 Cagayan de Oro City	Regional	CHEDRO X
13 th PNHRS Week Celebration Ethics in Research	Participant	August 13, 2019 Limketkai Luxe Hotel, Cagayan de Oro City	National	Philippine National Health Research System
Capability Building on Cost Benefit Analysis of Extension Projects	Participant	July 17, 2019 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Seminar-Workshop on Completed Staff Work: Enhanced Decision Making in SUCs	Participant	May 28-30, 2019 Quezon City, Philippines	Institutional	Philippine Association of State Universities and Colleges
2019 Annual Philippine-American Academy of Science & Engineering (PAASE) Meeting and Symposium (APAMS)	Participant	May 23-24, 2019 Manila, Philippines	National	PAASE
Competency Development Workshop Orientation	Participant	May 20, 2019 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
CHED-CBIE Collaboration Mission	Participant	March 20-21, 2019 Cebu City, Philippines	International	Canadian Bureau for International Education Commission of Higher Education Embassy of Canada, Philippines
Laws on Women Forum	Participant	March 8, 2019 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Participatory Governance Assessment of Bukidnon State University	Facilitator/ Documenter	February 26 – March 4, 2019 Malaybalay City, Bukidnon	Institutional	Bukidnon State University

Strategic Planning and University-Wide Target Setting for 2019	Participant	January 30-February 1, 2019 Cagayan de Oro City	Institutional	Bukidnon State University
Gender Mainstreaming Tools for GAD Planning and Budgeting: Gender Mainstreaming Evaluation Framework and Harmonized GAD Guidelines Training-Workshop	Participant	January 16-18, 2019 Cagayan de Oro City	Institutional	Bukidnon State University
Management of Research and Community Engagement in U.S Higher Education	Participant	September 19-27, 2016 Illinois, USA	International	Northern Illinois University

3.4 Attendance to Conferences/Seminars/ Workshops/ Training as Resource Person/ Presenter/ Judge/ Evaluator/ Moderator/ Facilitator/ Judge

Title of Conference/ Seminar/ Workshop/ Training	Nature of Participation	Date/ Place	Level of Conference/ Seminar/ Training/ Workshop	Sponsoring Agency
Virtual Special In-House Review of Extension Proposals	Evaluator	August 22, 2022 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Accreditation of the Journal of Higher Education Research Disciplines as CHED-JAS Accredited Journal	Associate Editor	2017-2022		Northwestern Mindanao State College of Science and Technology
Innovative and Management Journal	Peer Reviewer	May 30, 2022 Tacloban City, Philippines	Institutional	Eastern Visayas State University
NBSC Benchmarking on Research and Extension Office Administration	Resource Person	May 12, 2022 Malaybalay City, Bukidnon	Local	NBSC
2 nd International Conference on Methodological Advances in Research (ICMAR) 2021	Paper Presenter	December 3, 2021 Malaybalay City, Bukidnon	International	Visayas-Mindanao Consortium for Journal Publication, Inc.

Paper: Developing Academic performance Index: A Multivariate Approach				
BukSU INFOCAMP 2021	Resource Person	November 26, 2021	Institutional	Bukidnon State University
System-wide In-house Research Summit	Paper Evaluator	November 17-18, 2021 Cagayan de Oro City, Philippines	Institutional	University of Science and Technology of Southern Philippines
BukSU's Graduate Studies Curriculum Review and Enhancement	Critic	September 27-30, 2021 Via Zoom	Institutional	Bukidnon State University
International Conference on Research, Innovation and Investment 2021 (Gender and Development Track)	Evaluator	May 17-20, 2021 Via Zoom	International	University of Science and Technology of Southern Philippines
Research Dissemination and Extension Planning workshop	Resource Speaker	March 15, 2021 Via Zoom	Institutional	Bukidnon State University
Virtual In-house Review of Extension Proposals	Evaluator	March 5, 19, 2021 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Philippine Association of Extension Program Implementors, Inc. (PAEPI) Region X Virtual Extension Congress Paper: Narrowcasting Innovation Model for Extension Projects during the New Normal	Presenter	January 22, 2021 Virtual	Regional	PAEPI X MSU-IIT USTP St. Michael's College
System-wide Virtual In-House Research Summit	Expert Evaluator	October 29-30, 2020 Cagayan de Oro City, Philippines	Institutional	University of Science Technology of Southern Philippines
Philippine Local Government Forum	Resource Speaker	October 27, 2020 Virtual	National	Local Government Academy

Virtual Validation and Dissemination of Researches to stakeholders Paper entitled: Risk Assessment of Basic Social Services of LGUs in the Province of Bukidnon	Presenter	August 17-19, 2020 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Virtual Validation and Dissemination of Researches to stakeholders Paper entitled: Governance Issues on Disaster Risk Reduction of LGUs and Non-LGU Controlled Social services of Selected Barangay in the Province of Bukidnon	Presenter	August 17-19, 2020 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
In-house Review of Extension Proposals	Evaluator	July 10, 2020 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Cascading of University's Policies, Functions and Processes on Instruction	Resource Speaker	January 14, 2020 Malaybalay City, Bukidnon	Institutional	Bukidnon State University

4. RESEARCH, EXTENSION AND PRODUCTION

4.1 RESEARCH

4.1.1 Publications

Mirasol, J. M., Necosia, V. B., Garcia, H.P., & Bicar, B.B., (2021). Statutory Policy Analysis on Access to Philippine Basic Education. International Journal of Educational Research Open. www.elsevier.com/locate/ijerdo.

Mirasol, J.M., Frias, M.S., Manlagaylay, M. P., & Barroso, D. A. (2020). Risk Assessment of Basic Social Services in the Province of Bukidnon. Asia Pacific Journal of Social and Behavioral Sciences, Vol. 18, ISSN 1656-5207, ISSN (online) 2599-4891.

Mirasol, J.M., Itaas, E.C., Frias, M.S., Manlagaylay, M. P., & Barroso, D. A. (2020). Governance Issues on Disaster Risk Reduction of LGU's Controlled Social Services of Selected Barangays in the Province of Bukidnon. Asia Pacific Journal of Social and Behavioral Sciences, Vol. 18, ISSN 1656-5207, ISSN (online) 2599-4891.

Mirasol, J.M., Inovejas, C., Recente, J.M., & Frias, M.S. (2020). Illegal Drugs Diffusion in the Philippines: Exploring the Use of SIR Model. Asia Pacific

Journal of Social and Behavioral Sciences, Vol. 17, ISSN 1656-5207, ISSN (online) 2599-4891.

- Franks, P., Mirasol, J.M., Bendsen, N., Gonzales, A., Fabe, M., & Dela Cruz R., (2018). Governance Assessment for Protected and Conserved Areas (GAPA) Early experience of a multi-stakeholder methodology for enhancing equity and effectiveness by Franks and Booker. International Institute of Environmental Development (IIED).<http://pubs.iied.org/17632IIED>, ISBN 978-1-78431-622-8.
- Mirasol, J.M., Inovejas, C. (2017). Building a Research Culture in a Higher Education Institution. *Journal of Higher Education Research Disciplines*. Online ISSN 2546-0579, Print ISSN 2546-0560, 2546-0579 (online).
- Mirasol, J.M., Inovejas, C., Recente, J.M., & Frias, M.S. (2016). Modelling civil unrests in the Philippines. *Asia Pacific Journal of Social and Behavioral Sciences*, Vol. 13, ISSN 1656-5207 (print), ISSN (online) 2599-4891.
- Mirasol, J.M., Dales, Z.I., & Frias, M.S. (2016). Outcomes-based curriculum model for Bachelor of Science in Mathematics. *Asia Pacific Journal of Social and Behavioral Sciences*, Vol. 13, ISSN 1656-5207 (print), ISSN 2599-4891 (online).
- Padua, R., Ontoy, D., Palompon, D., and Mirasol, J., (2015). Statistical Fractal Inference. *UV Journal of Research*.
- Mirasol, J.M., Inovejas, C., Recente, J.M (2015). Understanding the irregularities of global terrorism incidents. *Asia Pacific Journal of Social and Behavioral Sciences*, Vol. 12. ISSN 1656-5207 (print), ISSN 2599-4891 (online).
- Bicar, B., Cabañez O., & Mirasol, J., (2015). The Implementation of the Corporate Social Responsibility (CSR) of the Agribusiness Firms in Bukidnon. *Asia Pacific Journal of Social and Behavioral Sciences*, Vol. 12. ISSN 1656-5207 (print), ISSN 2599-4891 (online).
- Mirasol, J. (2014). Exploring the Confluence of the Cagayan de Oro River's Ecosystems. *Liceo Journal of Higher Education Research*, Volume 10, no. 1, ISSN 2094-1064 (print), ISSN 2244-0437 (online).
- Mirasol, J. & Barabat, E., (2014). On a Fractal Representation of the Density of Primes. *Recoletos Multidisciplinary Research Journal*, Volume 2, no. 2, ISSN 2423-1398 (print), ISSN 2408-3755 (online).
- Mirasol, J., Maureal, Z. and Lacpao, N., (2013). Detailing Poverty Incidence through Fractals: Which of the Gross National Product or Multidimensional Poverty Index Explain Poverty Incidence Better? *The Bukidnon State University Research Journal*, Volume 10, ISSN 1656-5207.
- Mirasol, F., Mirasol, J. and Padua, R., (2013). Biodiversity Conservation and Sustainable Development in Mindanao Protected Areas, Philippines. *Asian Journal of Biodiversity*, ISSN 2094-5019 (print), 2244-0461 (online).
- Mirasol, J., (2012). Multidimensional Poverty Indices of the Seven Tribes in the Province of Bukidnon, Philippines. *The Bukidnon State University Research Journal*, Volume 8, ISSN 1656-1637.
- Mirasol, J. and Dales, Z., (2012). Differential Characteristics of Poor And Non-Poor Communities in Malaybalay City, Bukidnon, Philippines. *The Bukidnon State University Research Journal*, Volume 8, ISSN 1656-1637.

- Mirasol, J., Padua, R. and Ontoy, D. (2011). Marine Ecosystem Protection Trade-off Economic Model with Terrestrial Ecosystem in Fishing Communities near Marine Protected Areas. *CNU Journal of Higher Education*, Volume 5, No.1, ISSN 0119-6502.
- Mirasol, J., Itaas, E., Partosa, C., Improgo, M., Gonzales, M., Dinlayan, L. and Un, L.,(2011). Policy Recommendations for Climate Change Adaptation.*The Bukidnon State University Research Journal*, Volume 7, ISSN 1656-1637.
- Mirasol, J., Ejem, L., Dales, Z. and Egar, M.(2010). An Optimization Model for Carbon Dioxide Sequestration Properties of the Mount Kitanglad Forest Trees.*The Bukidnon State University Research Journal*, Volume 7, ISSN 1656-1637.
- Mirasol, Joy M.(2010). Human Statistical Development: The Case of Bukidnon State University, Philippines. *PHILARM Journal (Philippine Association of Research Managers, Inc.)*, Volume 7, No. 1, ISSN 1656-1637.
- Mirasol, J. and Mirasol, F., (2010). Gender Parity in Education: A Global Trend. *Proceedings of the International Conference on Higher Education Research*, Vigan, Ilocos Sur, Philippines. Awarded 3rd Place, Best Publishable Paper in Education.
- Mirasol, J. and E. Itaas (2009). Environmental Education in Practice: The Case of the Local Policy Makers in the Mt. Kitanglad Range Natural Park, Province of Bukidnon, Philippines. *The Bukidnon State University Research Journal*, Volume 6, No. 1, ISSN 1656-1637

4.1.2 International Presentations

International Forums

- Experience, results and impact of governance assessments in Mindanao, Philippines, Convention Biological Diversity (CBD) Conference of the Parties (COP) 14 SIDE EVENT on Governance Assessment of Protected and Conserved Areas: early experience of a multi-stakeholder approach for enhancing equity and effectiveness at Sharm El Sheikh, Egypt. November, 2018.
- Exploring the Confluence of the Cagayan de Oro River's Ecosystems, Cagayan de Oro City, 3rd International River Summit. November 24, 2016.
- Policy Recommendations for Climate Change Adaptation, 4th International Conference and Scientific Meeting on Environmental Education, Pili Camarines Sur, Philippines. February 16-18, 2011.
- Enhancing Research Capabilities of Higher Education Institutions: The Bukidnon State University Initiatives, Tagaytay City, Philippines.10th Annual South East Asian Association for Institutional Research. October 19-21, 2010. Published in a Refereed Proceedings.
- Gender Parity in Education: A Global Trend. *International Conference on Higher Education Research: Utilization, Experience and Discovery*, City of Vigan, Ilocos Sur, Philippines. April 28-May 1, 2010.
- Strengthening Higher Education Research Through Collaborative R&D Management: The Bukidnon State University Experience. *International Conference on Higher Education Research: Utilization, Experience and Discovery*, City of Vigan, Ilocos Sur, Philippines. April 28-May 1, 2010.

Environmental Education in Practice: The Case of the Local Policy Makers in the Mt. Kitanglad Range Natural Park, Province of Bukidnon, Philippines. *International Conference of the Environmental Education Network of the Philippines, Davao City, Philippines*. February, 2010.

Capacitating Community-Based Park Protection Volunteers: A Partnership Endeavor Between the Bukidnon State University and Mt. Kitanglad Range Natural Park, Bukidnon Philippines. *University-Community Engagement International Conference, Penang, Malaysia*. November 23-26, 2009

Mirasol, J. ,Itaas, E. , & Dales, Z., Environmental Management in Local Governance for Sustainable Development: The Bukidnon State University Experience in the Province of Bukidnon, Philippines. *Symposium on decentralization, power and tenure – rights of forest dependent people*. Jointly Sponsored by the Wageningen University, The Netherlands and Sadguru Water and Development Foundation Chosala, Dahod, Gujarat, India October 27 – 29, 2009

Statistical Human Resource Development: The Case of Bukidnon State University, Philippines. *Proceeding 57th Session of the International Statistical Institute, Durban, South Africa*, August 16-22, 2009

Statistical Capacity Development among Faculty: The Bukidnon State Universtiy Experience, Philippines. *International Association of Statistics Education Satellite Conference, Durban, South Africa*, August 13-15, 2009

Capacity Development and Integration of Environmental Management in Local Governance: The Bukidnon State University Experience in the Province of Bukidnon. *International Research Forum: Making Research Work for Effective Local Governance, Quezon City, Philippines*, May 15, 2008

The Use Process Standards in Teaching Contemporary Mathematics: Its Influence on the Achievement and Attitude of Students. *International Research Conference, Iloilo City*, February 27-29, 2008

Needs Assessment of Guard Volunteers of Mt. Kitanglad Range Natural Park, *International Conference on Research in Higher Education Institutions*, 2007, Cebu City.

4.1.3 Research Awards and Recognition/Appreciation

Title of Award	Date / Place	Level of Award/ Recognition	Award-Giving Agency
Certificate of Recognition as Associate Editor of the Journal of Higher Education Research Disciplines from 2015-2017	July 6, 2022	National and International Circulation	Northwestern Mindanao State College of Science and Technology
Certificate of Appreciation in support to research dissemination geared toward sustainable and inclusive development and just and lasting peace	February 5, 2021 Cagayan de Oro City	Regional	Regional Development Council – Region X
1 st Runner Up Award Title of Paper: Risk Assessment of Basic Social	November 27, 2020	Institutional	Bukidnon State University

Services in the Province of Bukidnon	Malaybalay City, Bukidnon		
Certificate of Recognition as Program Leader in support to the Bukidnon State University DRRM Research Program in the Province of Bukidnon A CHED- DARE TO Research Program	August 17-19, 2020 Malaybalay City, Bukidnon, Philippines	Local Virtual Validation and Dissemination of Researchers to Stakeholders	Bukidnon State University
2 nd Best Paper Title of Paper:	December 10-11, 2018 Malaybalay City, Bukidnon	Inter-regional 1 st Research Conference on Mindanao Protected Areas	Mindanao PAMB Network GIZ-COSERAM Bukidnon State University
Certificate of Completion For having successfully completed the research paper entitled: Enhancing Public Resilience through Integrating Local and Indigenous Knowledge for Disaster Preparedness: An Extension program of Bukidnon State University	September 24, 2020 Malaybalay City, Bukidnon	Institutional CHED DARE-TO Disaster Risk Reduction and Management Research Program in the Province of Bukidnon	Bukidnon State University
Best Paper Award with Php25,000.00 Cash Prize Title of Paper: Understanding the Irregularities of Global Terrorism Incidents	July 24-26, 2018 Cebu, Philippines	International International Conference on Methodological Advances in Research	Visayas- Mindnao Consortium for Journal Publication, Inc. (VMCJPI)
3 rd Prize, Best Paper Award Title of Paper: Modelling Civil Unrest in the Philippines Under Simulation and Modeling Strand	December 6-8, 2017 Tangub City	National 2 nd National Conference on Methodological Advances in Research (NCMAR)	Visayas-Mindanao Consortium for Journal Publication, Inc.
3 rd Prize, Best Paper Award Title of Paper: Building a Culture of Research in a Higher Education Institution Under the Emerging Practices for Research Management Strand	December 6-8, 2017 Tangub City	National 2 nd National Conference on Methodological Advances in Research (NCMAR)	Visayas-Mindanao Consortium for Journal Publication, Inc.
Associate Editor of the Journal of Educational and Human Resource Development (JEHRD)	November 25, 2016 to present	National and International Circulation	Southern Leyte State University
Certificate of Recognition for significant contribution to the Research and Development Unit of Bukidnon State University	November 23, 2013 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Outstanding Filipino Researcher 2012	November 14, 2012	National	Philippine Association of

	Cagayan de Oro City		Institutions for Research, Inc.
Certificate of Recognition For spearheading the research endeavor on the "Role of the Academe in Poverty Alleviation" in the Province of Bukidnon	August 12, 2012 Malaybalay City, Bukidnon	Local	Province of Bukidnon
3 rd Best Paper Awardees for Research Category	September 21, 2011 Cagayan de Oro City	Regional 23 rd NOMCARRD Regional Symposium on Research and Development Highlights (RSRDH)	Northern Mindanao Consortium for Agriculture and Resources Research and Development (NOMCARRD)
Certificate of Recognition for spearheading the Research Program on Climate Change for Bukidnon Province: Multidimensional Model for Education, Socio-Economics, Health, Science and Governance	November 8, 2010 Malaybalay City, Bukidnon	Provincial Monthly Convocation	Office of the Provincial Governor of Bukidnon
Certificate of Recognition as Program Leader of the Research Program on Climate Change for Bukidnon Province: Multidimensional Model for Education, Socio-Economics, Health, Science and Governance	November 10, 2010 Kibenton, Impasug-ong, Bukidnon	Regional 14 th Aldaw ta Kitanglad Celebration	DENR-MKRNP
Andrea Azuela Award for Research-based Teaching Modules, Platinum Prize	August 23-25, 2010 Cagayan de Oro City	National 7 th National Conference on Institutional Research, Education, Business Management, and other Disciplines	Philippine Association of Institutions for Research, Inc.
Andrea Azuela Award for Research-based Teaching Modules, Mathematics of Investment, Gold Prize	August 23-25, 2010 Cagayan de Oro City	National 7 th National Conference on Institutional Research, Education, Business Management, and other Disciplines	Philippine Association of Institutions for Research, Inc.
Third Place, Best Publishable Paper in Education Research Gender Parity in Education: A Global Trend	April 28-May 1, 2010 Vigan City, Ilocos Sur	International Conference on Higher Education Research Utilization Experience and Discovery	Philippine Association of Institutions for Research, Inc.
Finalist, International Research Advocacy Award	April 28-May 1, 2010 Vigan City, Ilocos Sur	International Conference on Higher Education Research Utilization Experience and Discovery	Philippine Association of Institutions for Research, Inc.

4.2 EXTENSION

4.2.1 University-Extension Programs Spearheaded

- 4.2.1.1 Strengthening Mindanao Protected Area Management Board Network (PAMB) towards Bio-cultural Diversity Conservation and Sustainable Development
- 4.2.1.2 Pag-ambitay daw ag Kaulian (Share to Heal): A Social Innovation of Bukidnon State University Kontra COVID-19

4.2.2 Extension Awards and Recognition

Title of Award	Date / Place	Level of Award/ Recognition	Award-Giving Agency
Best Environmental Partner Award	June 28, 2019 Cagayan de Oro City	Regional DENR's Environment Month Celebration	DENR-10
Certificate of Recognition for its invaluable support that led to the successful undertaking of the Participatory Governance Assessment for protected Areas	April 4-12, 2019 Quezon Province	International	HARIBON Foundation IIED
Best Presenter of the Paper "Strengthening Mindanao Protected Area Management Board (PAMB) and Sustainable Development"	November 7-9, 2018 Malaybalay City, Bukidnon	Regional PAEPI Region X Extension Congress	PAEPI
Best Paper Title of Paper: Strengthening Management of Mindanao Protected Areas towards Bio-cultural Conservation and Sustainable Development	November 7-9, 2018 Bukidnon State University	Regional PAEPI Region X Extension Congress	PAEPI X
Certificate of Appreciation in recognition of its leadership, financial support and technical expertise	September 18, 2018 Cagayan de Oro City, Philippines	Regional 3 rd Mindanao PAMB Conference	Department of Natural Resources
Certificate of Recognition as Program Leader of Strengthening Mindanao Protected Area Management Board (PAMB) and Sustainable Development	May 2017 – October 2018 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Certificate of Appreciation for the implementation of various community-based skills training in the Municipality of Lantapan, Bukidnon	May 16, 2018	Local	LGU – Lantapan
Plaque of Recognition for exemplary services and dedication in training the Mt. Kitanglad Guard Volunteers on Basic Surveying, Area	November 6, 2014	Regional	DENR-10

Computation and Best Estimate			
Certificate of Recognition for her knowledge, expertise, skill and invaluable service rendered	December 13, 2005 Malaybalay City, Bukidnon	Institutional	Bukidnon State University
Certificate of Recognition for her knowledge, expertise, skill and invaluable service rendered	February 24-26, 2003 Malaybalay City, Bukidnon	Institutional AACCUP Resurvey Visit	Bukidnon State University

4.3 PRODUCTION

4.3.1 Extension Learning Materials

- Mirasol, J. et al. (2018). Learning Journey towards a Functional Protected Area
- Mirasol, J. et al. (2018). Learning Journey 2: Establishing a Social Fence: An Increased Community Participation and Improved Protected Area Protection
- Mirasol, J. et al. (2018). Learning Journey 3: Resource Generation for Protected Area Operations
- Mirasol, J. et al. (2018). Learning Journey 4: Mindanao Protected Area Management Board Network: Level Up for Internationalization
- Mirasol, J. et al. (2018). The Bukidnon State University-Institute of Environmental Governance Learning Tools

4.3.2 Instructional Materials Developed

- Mirasol, J. et al. (2008). Basic Mathematics with Applications.
- Mirasol, J. M. (2007). A Teaching Guide in Linear Algebra
- Mirasol, J. M., (2006). Module in Linear Programming: Graphical Approach
- Mirasol, J. M, (2004). A Teaching Guide in Probability and Statistics
- Mirasol, J. M. and Z. Dales, (2004).A Teaching Guide in Business Statistics
- Mirasol, J. M. and Z. Dales, (2004). Quantitative Analysis for Business Management Made Easy (An Instructional Material)
- Mirasol, J. M. (2004). Lecture Notes in Mathematical Statistics
- Mirasol, J. M. and Z. Dales (2004). A Learning Guide in Mathematics of Investment
- Mirasol, J. M. (2004). Linear Programming Made Easy
- Mirasol, J. M. (2004). Introduction to Neural Networks

4.3.3 Book/ Chapter Published

Knowledge, Democracy and Action: Community-university research partnerships in global perspectives. Case Study - Enhancing Local Policy Makers' Capacity in Environmental Governance in the Philippines with Mirasol, F, S., Itaas, E. C., and Maputi, B., (2013). Manchester University Press, Edited by Budd L. Hall, Edward T. Jackson, Rajesh Tandon, Jean-Marc Fontan and Nirmala Lall. ISBN 9780719089787.

Neural Computing and Chaos Prediction (Radial Basis Neural Computing and Chaos Prediction (Radial Basis Function Networks), 2001. Edited by Roberto N. Padua. ISBN 971-92483.

Looking Forward by Looking Back: The Bukidnon – A Century Hence (2014). A Coffee Table Book. ISBN978-971-031243-6.

5. WORK EXPERIENCE, PERFORMANCE AND ETC.

5.1 Service Record

Inclusive Dates		Position Title	Institution
From	To		
09/15/14	PRESENT	PROFESSOR VI	BUKIDNON STATE UNIVERSITY
10/15/12	09/14/14	PROFESSOR I	BUKIDNON STATE UNIVERSITY
05/15/08	10/14/12	ASSO. PROF. IV	BUKIDNON STATE UNIVERSITY
06/03/02	05/14/08	ASST. PROF. IV	BUKIDNON STATE UNIVERSITY
12/29/00	06/02/02	ASST. PROF. II	BUKIDNON STATE UNIVERSITY
06/05/95	12/28/00	INSTRUCTOR I	BUKIDNON STATE UNIVERSITY
06/1993	03/1995	GUEST LECTURER	BUKIDNON STATE UNIVERSITY

5.2 Designations

March 9, 2022 - Present
 Chair, Institutional CCE Evaluation Committee
 Bukidnon State University, Malaybalay City, Bukidnon, Philippines

February 4, 2022 – Present
 Official Representative to the Northern Mindanao Consortium for Industry, Energy and Emerging Technology Research and Development (NorMinCIEERD)

January 7, 2022 – Present
 Co-Chair, Drafting of Guidelines for Equivalent Teaching Load for Designated Officials
 Bukidnon State University, Malaybalay City, Bukidnon, Philippines

July 2, 2021 - Present
 Vice Chair, Intellectual Property and Technology Transfer Board (IPTT Board)
 Bukidnon State University, Malaybalay City, Bukidnon, Philippines

January 24, 2020 – July 1, 2020
 Vice Chair, Instructional Materials Development Board (IMDB)
 Bukidnon State University, Malaybalay City, Bukidnon, Philippines

January 1, 2020 – Present
 Vice President for Research, Extension and Innovations, Bukidnon State University, Malaybalay City, Bukidnon, Philippines

July 1, 2019 – December 21, 2020
 Vice President for Research, Extension and International Affairs and concurrent OIC Vice President for Academic Affairs, Bukidnon State University, Malaybalay City, Bukidnon, Philippines

January 9, 2017 to July 1, 2019

Vice President for Research, Extension and International Affairs, Bukidnon State University, Malaybalay City, Bukidnon, Philippines

January 9, 2017 to July 1, 2019

Provisional Member, Bids and Awards Committee, Infrastructure
Bukidnon State University, Malaybalay City, Bukidnon, Philippines

January 9, 2017 to Present

Chair, Performance Management Team
Bukidnon State University, Malaybalay City, Bukidnon, Philippines

2017 to present

Associate Editor, Asia Pacific Journal of Social and Behavioral Sciences,
Bukidnon State University, Malaybalay City, Bukidnon, Philippines

2016 – Present

Permanent Representative
Northern Mindanao Consortium for Health Research and Development
(NorMinCoHRD)

June 15, 2015 to January 8, 2017

Vice President for Research and Extension/ Concurrent Research Director,
Bukidnon State University, Malaybalay City, Bukidnon, Philippines

September 2008 to June 14, 2015

Research Director, Bukidnon State University, Malaybalay City, Bukidnon,
Philippines

2006 to June 20, 2019

Bids and Awards Committee Technical Working Group on Infrastructure
Member, Bukidnon State University, Malaybalay City, Bukidnon,
Philippines

August, 2007 – August 2008

Officer-In-Charge Research Director, Bukidnon State University, Malaybalay
City, Bukidnon, Philippines

February 1, 2006 - August 2007

Chair, Mathematics Division, Bukidnon State University, Malaybalay City,
Bukidnon, Philippines

2008-to 2017

Managing Editor, The Bukidnon State University Research Journal, Bukidnon
State University, Malaybalay City, Bukidnon, Philippines

Associate Editor, Journal of Higher Education Research Disciplines

5.3 Individual Performance Commitment and Review (IPCR)

Year	Rating Period	Rating	Qualitative Description
2022	January-June	4.815	Outstanding
2021	January-June	4.79	Outstanding
	July- December	4.65	Outstanding
2020	January-June	4.79	Outstanding
	July- December	4.82	Outstanding
2019	January-June	4.53	Outstanding
	July- December	4.80	Outstanding
2018	January-June	4.87	Outstanding

	July- December	4.90	Outstanding
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5.4 Performance Awards and Recognition

Inclusion to the Alper-Dodger (AD) Scientific Index

Presidential Award of Merit given by Bukidnon State University President on June 23, 2017