
SCIENTIFIC PROGRAM

9th National Convention on Statistics (NCS)

4-5 October 2004

EDSA Shangri-la Hotel, Mandaluyong City
Philippines

SCIENTIFIC PROGRAM

October 4, 2004 (Monday), 10:30 - 12:15

Isla Ballroom

Session Sponsor: Asian Institute of Management

Plenary Session 1: Statistics and Globalization

Chair: Dr. Federico M. Macaranas

- Developing Countries' Statistical Challenges in the Global Economy
By Shaida Badiie, Misha Belkindas, Olivier Dupriez, Neil Fantom and Haeduck Lee

Discussant: Dr. Gerardo P. Sicat

October 5, 2004 (Tuesday), 03:15 – 4:45

Isla Ballroom

Session Sponsors: METAGORA

Department of Public Works and Highways

Plenary Session 2: Statistics in Local Governance

Chair: Vice Mayor Jesus C. Cruz/ Mr. Arturo B. Lumagod

- The Best and Worst Provinces in the Philippines: What Happened to their Leaders in the 2004 Elections?
by Romulo A. Virola, Severa B. de Costo, Joseph M. Addawe and Leonor G. Reyes

Discussant: Dr. Solita Collas-Monsod

- Basic Data: A Tool in Local Governance
by Mel Senen S. Sarmiento, Merla Abarquez-Rosalado and Reo M. Marquez

Discussant: Vice Mayor Jesus C. Cruz

October 4, 2004 (Monday), 1:15 – 3:00

Boracay

Session 1A: Economic and Social Accounts

Chair: Asst. Sec. Gen. Estrella V. Domingo

- Changes in the Philippine Structure: Input – Output Analysis
by Ma. Julieta P. Soliven, Karen F. Villaquer and Dulce Joy D. Zozobrado

Discussant: Dr. Cid L. Terosa

- Enhancing the Compilation, Dissemination and Utilization of the Input – Output (I-O) Accounts in the Philippines
by Romulo A. Virola, Vivian R. Ilarina, Eileen P. Capilit, Florileen P. Santos, Marianne P. Abanilla and Marisol J. Ginez

Discussant: Dr. Cielito F. Habito

- Construction of Regional Social Accounting Matrix: Methodological Concerns and Empirical Issues
by *Cristela Goce-Dakila and Francisco G. Dakila, Jr.*

Discussant: Dr. Carlos C. Bautista

Batanes

Session 1B: Agriculture and Agrarian Reform Statistics

Chair: Dir. Romeo S. Recide

- Productive Indices of Selected Agricultural Commodities in the Philippines
by *Minda C. Mangabat and Alegria A. Mota*

Discussant: Dir. Romeo S. Recide

- Towards the Development of an Aquaculture Master Sample
by *Reynaldo Q. Vallesteros, Jr.*

Discussant: Dr. Dalisay S. Maligalig

- Profile of Agrarian Reform Beneficiaries Through CARP (Results from the 2000 Census of Population and Housing)
by *Mercedita E. Tia and Teodoro M. Orteza*

Discussant: Engr. Wilfredo DG. Cabagua

October 4, 2004 (Monday), 1:15 – 3:00

Palawan 2

Session 1C: Labor, Employment and Productivity Statistics

Chair: Dir. Ma. Criselda R. Sy/ Ms. Editha Rivera

- Institutionalizing Productivity Measures in the Philippine Statistical System
by *Romulo A. Virola, Estrella V. Domingo, Raymundo J. Talento and Ava Gail D. Cas*

Discussant: Dir. Ciriaco A. Lagunzad III

- Implementing the BLES Integrated Survey (BITS) in a Quality Management System Environment: A Work in Progress.....
by *Teresa V. Peralta*

Discussant: Ms. Nelia R. Marquez

- Trend Analysis of Overseas Filipino Workers Using Regression
by *Emelyn G. Quinto and Josie B. Perez*

Discussant: Administrator Rosalinda D. Baldoz

Palawan 1

Session 1D: Statistical Theory

Chair: Dr. Erniel B. Barrios

- A Note on Existence of Estimators Close in Bias
by Charlie S. Labina

Discussant: Dr. Adolfo M. de Guzman

- Generalization of the Dirichlet Distribution
by Epimaco A. Cabanlit, Jr., Roberto N. Padua and Khursheed Alam

Discussant: Dr. Joselito C. Magadia

- A Test of Exponentiality of Type-II Censored Samples
by Welfredo R. Patungan

Discussant: Dr. Ana Maria L. Tabunda

October 4, 2004 (Monday), 1:15 – 3:00

Mactan

Session 1E: Subnational Information Management Systems

Chair: Dir. Leonardo N. Quitos, Jr.

- Establishment of a Barangay Database Information System in Region 10
by Rosalinda C. Celeste

Discussant: Ms. Corazon P. Guray

- Barangay Households Information System (BaHIS): Gearing Towards the Production of Small Area Statistics
by Virgilio N. Fusilero, Ma. Leah C. Magracia and Heidy O. Palencia

Discussant: Dr. Ma. Rosalinda M. Lacsamana

Palawan 3

Session 1F: Luzon – Various Topics

Chair: Dr. Marilou G. Abon

- Correlational Studies of GPA with PRC Scores of First Batch of UPLBCA Licensed Agriculturists
by Nelita M. Lalican

Discussant: Dr. Florentina D. Monta

- Integrated Population Advocacy
by Erlinda P. Ramiro and Nelinda A. Erice

Discussant: Dr. Corazon M. Raymundo

- Forecasting the Employment Rates in the Philippines as Affected by the Gender Programs
by Rovelyn P. Basubas and Marcial P. Estolano

Discussant: Dr. Victoria Gengania

October 4, 2004 (Monday), 1:15 – 3:00

Lubang

Session 1G: Statistical Capacity Building I

Chair: Dr. Emeterio Solivas and Dir. Gervacio G. Selda, Jr.

- Academic Programs in Statistics in the Philippines
by Lisa Grace S. Bersales
- Upgrading the Capabilities of Statistical and National Agencies Through Agency-Specific Statistical Training Programs
by Winecito L. Tan
- Training Statisticians from Other Countries – An Emerging Market for the Statistical Research and Training Center
by Gervacio G. Selda, Jr.

October 4, 2004 (Monday), 3:15 – 5:00

Boracay

Session 2A: Population Statistics

Chair: Dep. Adm. Paula Monina G. Collado

- Living Arrangements of the Elderly in the Philippines
by Socorro D. Abejo

Discussant: Dr. Emily Christi A. Cabegin
- The Contact Circle and Smoking Among the Filipino Youth: Event History Analysis
by Josefina V. Cabigon

Discussant: Dr. Marina Miguel-Baquilod
- Challenges in Planning for a Census in Region XI
by Virgilio N. Fusilero, Ma. Leah C. Magracia and Heidi O. Palencia

Discussant: Ms. Nelia R. Marquez

October 4, 2004 (Monday), 3:15 – 5:00

Batanes

Session 2B: Poverty Statistics 1

Chair: ASec. Dolores de Quiros-Castillo

Session Organizer: Ms. Fe Lita A. Cabral

- Concentration Indices of Production, Income and Poverty in the Philippines, 1997-2000
by Romulo A. Virola, Jessamyn O. Encarnacion, Bernadette B. Balamban, Rey Angelo M. Millendez, Florileen P. Santos and Ma. Rhoda A. Magsombol

Discussant: Dr. Dante B. Canlas

- A Critique of the Local Poverty Diagnosis and Planning System
by Victoria A. Bautista

Discussant: Dir. Manuel Q. Gotis

- Construction of Unidimensional and Multidimensional Poverty Indices Using the FIES and APIS Data
by Melissa Lopez-Reyes

Discussant: Dr. Corrine Grace B. Burgos

Palawan 2

Session 2C: Good Practices on Data Management at the Local Level

Chair: Dir. Rosalinda P. Bautista

- Making Civil Registration System Work Better Through the Inception of the Barangay Civil Registration System: A Strategic Maneuvering
by Salvador A. Aves

Discussant: Dir. Nelda Leda

- Institutionalizing a Responsive Socio-Economic Profile: The Experience of the Province of La Union
by Mario Libatique Jr., Evelyn N. Tolentino, Fe Jennifer V. Yaranon, Karlo S. de la Cuesta and Gloria A. Miguel

Discussant: Ms. Corazon R. Buenaventura and Dir. Severino Santos

October 4, 2004 (Monday), 3:15 – 5:00

Palawan 1

Session 2D: Statistics on Market and Social Research

Chair: Ms. Linda Luz B. Guererro

- A Grim Reality in the Midst of Growth: Violence Against Women in Naga City
by Cristina P. Lim

Discussant: Ms. Theresa D. Balayon

- A Comparison of Interview Mode Effects in the Philippine ISSP 1996 Module on Role of Government
by Gerardo A. Sandoval

Discussant: Dr. Jose Ramon G. Albert

- Who Helps Whom? Do the Poor Need the Government? An Analysis of Private Inter-Household Transfers as a Safety Net in the Philippines
by Liza Lorena C. Bagsao

Discussant: Dr. Emilio T. Antonio

Mactan

Session Sponsor: Philippine Health and Insurance Corporation

Session 2E: Health, Nutrition and Biostatistics 1

Chair: Dr. Jesus N. Sarol, Jr.

- Factors Affecting Maternal Health Utilization in the Philippines
by Shanna Elaine B. Rogan and Ma. Virginia R. Olveña

Discussants: Dra. Teresa D. Dioko, Dr. Jesus Emmanuel A.D. Sevilleja and Dr. Edgardo M. Garcia

- Indirect Estimates of Maternal Mortality: Philippines, 2000
by *Benedicta A. Yabut and Faye A. Yabut*

Discussants: Dra. Teresa D. Dioko, Dr. Jesus Emmanuel A.D. Sevilleja and Dr. Edgardo M. Garcia

- Parametric Survival Analysis of Breast Cancer Registry Data
by *Christian Russel D. Reyes, Marilyn E. Crisostomo and Welfredo R. Patungan*

Discussants: Dra. Teresa D. Dioko, Dr. Jesus Emmanuel A.D. Sevilleja and Dr. Edgardo M. Gonzaga

October 4, 2004 (Monday), 3:15 – 5:00

Palawan 3

Session 2F: Visayas – Various Topics

Chair: Dr. Sonia P. Formacion

- Selection of Risk-Efficient Cropping Strategies Using Stochastic Dominance Analysis
by *Remberto A. Patindol and Felino P. Lansigan*
- A New Statistic to Detect Misfitting Score Vector
by *Jonny P. Pornel, Leonardo S. Sotaridona and Arnolfo L. Valleejo*
- A Stochastic Model for Coral Reef Recolonization
by *Sonia P. Formacion and Gilma T. Tayo*

Discussant: Dr. Cherry T. Nepomuceno

Lubang

Session 2G: Statistical Capacity Building 2

Chair: Dir. Gervacio G. Selda, Jr.

- Building the Statistical Capabilities at the Subnational Level Through SHRDP: The Region I, VI and IX Experience
by *Leonardo N. Quito, Jr. and Irene B. Ubungen; Presentacion A. Penpillo; and Roberto N. Padua*
- Community Level Statistical Information System- A Statistical Capacity Building Experiment
by *Generoso G. de Guzman and Maura S. Lizarondo*
- The Role of the Academe in the Continuing Development of the Statistical Manpower of the Philippine Statistical System: The UP School of Statistics Perspective
by *Lisa Grace S. Bersales*

October 4, 2004 (Monday), 3:15 – 5:00

Mindoro

Session Sponsor: Department of Science and Technology

Session 2H: Energy, Science and Technology Statistics

Chair: Hon. Fortunato T. de la Peña

- Alternative Methods of Benchmarking the Efficiency of Philippine Electric Cooperatives
by *Rouselle F. Lavado*

Discussant: Dir. Roderick N. Padua

- Improving the Philippine Research and Development Statistical System
by Bernie S. Justimbaste

Discussant: Dr. Zita VJ Albacea

- Energy, Research and Development Statistics: Relevance to the National Energy Program
by Graciano P. Yumul, Raul C. Sabularse and Nonilo A. Peña

Discussant: Dir. Elizabeth G. Navalta

October 5, 2004 (Tuesday), 8:30 – 10:15

Boracay

Session 3A: Environment and Natural Resources Statistics

Chair: Hon. Demetrio L. Ignacio

- Statistical Characterization of the Southern Oscillation Index: Is There a Seasonality in the El Niño Phenomenon?
by Erniel B. Barrios

Discussant: Dr. Lisa Grace S. Bersales

- Accumulation of Mercury and Other Heavy Metals In Some Edible Marine Mollusks in Sibutad, Zamboanga del Norte
by Georgina Lacastesantos-Fernandez

Discussant: Mr. Christopher N. Fernandez

- Data Based Econometric Model Building for the Household Consumption of Non-Marketed Fuelwood
by Alma S. Bello

Discussant: Ms. Irma C. Exconde

October 5, 2004 (Tuesday), 8:30 – 10:15

Batanes

Session 3B: Education Statistics

Chair: Hon. Ramon C. Bacani

- Compliance With Quality Standard System in Maritime Schools: A Cost Effectiveness Analysis
by Luvismín Sy-Aves

Discussant: Dir. Romeo A. Isaac

- Measuring Technical Efficiency in Research of State Colleges and Universities in Region XI Using Data Envelopment Analysis
by Edgardo D. Cruz

Discussant: Ms. Angeles R. Buenaventura

- Basic Education Information System (BEIS)
by Lilia Z. Roces and Deogracias B. Genito, Jr.

Discussant: Dir. Maria Teresita Semana-Santiago

Palawan 2

Session 3C: Public Order, Safety and Justice Statistics

Chair: Dir. Myrna Medina

- Panel Data Estimation of Crime Rates in the Philippines
by Miguel F. Gillado and Tina Tan-Cruz

Discussant: Prof. Gennelyn Maria F. Sarte

- Crime Prevention Campaign and Leadership Styles of General Santos City Police Precinct Chiefs: Their Effects to Crime Rate, Crime Solution Efficiency and Community Support and Involvement
by Robert R. Kiunisala, Rufa C. Guiam and Epimaco A. Cabanlit, Jr.

Discussant: Comm. Miguel G. Coronel

- National Survey of Inmates: An Important Tool for the Action Program on Judicial Reform
by Josie B. Perez

Discussant: Dep. Court Admin. Jose P. Perez

October 5, 2004 (Tuesday), 8:30 – 10:15

Palawan 1

Session 3D: Statistical Data Analysis

Chair: Dr. Lisa Grace S. Bersales

- A Procedure for Detecting SETAR-Nonlinearity
by Joselito C. Magadia

Discussant: Dr. Corrine Grace B. Burgos

- Bayesian Estimation of Mixture Models
by Cherry T. Nepomuceno

Discussant: Dr. Jose Ramon G. Albert

- Optimal Selection of Locations at Which to Measure Factors/ Covariates for a Spatial Point Process
by Jeffrey J. Tejada

Discussant: Dr. Adolfo M. de Guzman

Mactan

Session 3E: Information and Communications Technology

Chair: Dr. Eliezer A. Albacea

- Empowering the People Thru Information: The Philippines' First Provincial Statistics Information Center in Guimaras
by Joaquin Carlos Rahman A. Nava, Romulo A. Virola, Presentacion P. Penpillo, Candido J. Astrologo, Jr. and Chita S. Marzan

Discussant: Dr. Eliezer A. Albacea

- Web-Enabled Database as Tools for Disseminating Statistics
by Candido J. Astrologo, Jr.

Discussant: Dr. Eliezer A. Albacea

October 5, 2004 (Tuesday), 8:30 – 10:15

Palawan 3

Session 3F: Price Statistics

Chair: Asst. Gov. Diwa C. Guinigundo

- A Comparison of the Consumer Price Index for All Income and Bottom 30% Income Group Households in the Philippines (1994=100), 2001-2003
by Rosie B. Sta. Ana and Elena G. Varona

Discussant: Dr. Celia M. Reyes

- Understanding and Improving the System of Price Statistics in the Philippines
by Romulo A. Virola, Raymundo J. Talento, Minerva D. Martin and Rhea June S. Lara

Discussant: Ms. Nelia R. Marquez

Lubang

Session 3G: Mindanao 1 – Various Topics

Chair: Dr. Brigida A. Roscom

- An Assessment of the Existing Poverty Measures and Monitoring Tools in Region XII
by Hadja Sittie Mariam (Ma. Lourdes) D. Lim, Herlita G. Caraan, Ma. Eileen A. Berdeprado and Phlorita A. Ridao

Discussant: ASec. Dolores de Quiros-Castillo

- Comparative Performance of Some Robust Regression Methods
by Carolina B. Baguio

Discussant: Dr. Brigida A. Roscom

- Strategic Approach Towards the Improvement of Response Level in Establishment –Based Surveys and Censuses: The NSO Region 10 Experience
by Janith C. Aves

Discussant: Dr. Roberto N. Padua

October 5, 2004 (Tuesday), 8:30 – 10:15

Mindoro

Session 3H: Indicators of Knowledge-Based Economy/ Statistical Database Management/ Geographic Information System

Chair: Ms. Elsa J. Bautista

- Measurement for e-Commerce Readiness of the Philippine Government Units
by Alfredo M. Torres and Carmela DG. del Rosario

Discussant: Ms. Elsa J. Bautista

- A Geographic Information System-Based Decision Support System for Mapping Philippines' Higher Education Institutions
by Carlos M. Pascual, Phebe M. Pasion and Ciriaco T. Ragual

Discussant: Dr. Wilfredo E. Cabezón

- Developing the BAS' Agricultural and Fisheries Statistics Database: A Web-Based Approach
by Joyce M. Dizon

Discussant: Dr. Wilfredo E. Cabezón

October 5, 2004 (Tuesday), 10:30 – 12:15

Boracay

Session 4A: Econometric Modeling 1

Chair: Dr. Cayetano W. Paderanga, Jr.

- The Generalized Autoregressive Conditional Heteroscedasticity Parkinson Range (GARCH-PARK-R) Model for Forecasting Financial Volatility
by Dennis S. Mapa and Adolfo M. de Guzman

Discussant:

- On the Sustainable Development Indices of Agriculture and Fisheries in Southeast Asia
by Erniel B. Barrios and Gennelyn Maria F. Sarte

Discussant: Dr. Herminia Francisco

- Constructing a Coincident Index of Business Cycles Without Assuming a One-Factor Model
by Roberto S. Mariano and Yasutomo Murasawa

Discussant: Dr. Lisa Grace S. Bersales

October 5, 2004 (Tuesday), 10:30 – 12:15

Batanes

Session 4B: Poverty Statistics 2

Chair: ASec. Dolores de Quiros-Castillo

Session Organizer: Ms. Fe Lita A. Cabral

- The SWS Survey Time Series on Poverty and Hunger, 1983 to Present
by Mahar K. Mangahas

Discussant: Ms. Veronica F. Villavicencio

- Identifying the Provinces Most Vulnerable to Poverty
by Romulo A. Virola, Severa B. de Costo, Armyl G. Zaguirre and Mildred A. Batitis

Discussant: Dr. Celia M. Reyes

- Profile and Determinants of Poverty in the Philippines
by Jose Ramon G. Albert and Paula Monina G. Collado

Discussant: Mr. Philip Arnold P. Tuaño

Palawan 2

Session Sponsor: Bangko Sentral ng Pilipinas

Session 4C: Banking and Finance Statistics

Chair: Asst. Gov. Diwa C. Guinigundo

- Microfinance in the Banking Sector: Current Environment and Future Directions
by Pia Bernadette M. Roman

Discussant: Atty. John V. Owens

- Promoting Greater use of Formal Remittance Systems by Overseas Filipinos
by Zeno Ronald R. Abenoja

Discussant: Administrator Rosalinda D. Baldoz

October 5, 2004 (Tuesday), 10:30 – 12:15

Palawan 1

Session 4D: Statistical Modeling

Chair: Mr. Francisco N. delos Reyes

- Hierarchical Aggregate Data Analysis
by Nelia S. Ereno

Discussant: Dr. Joselito C. Magadia

A New Index for Detecting Collusion and Its Statistical Properties
by Rene N. Argenal, Frumencio F. Co, Eduardo D. Cruz, and Welfredo R. Patungan

Discussant: Dr. Joselito C. Magadia

- Some Aspects of Design and Analysis of Simple Accelerated Life Tests
by Eduardo D. Cruz, and Adolfo M. De Guzman

Discussant: Prof. Grace G. Perez

Mactan

Session 4E: Statistics on Business and Industry

Chair: Dir. Maria Teresita Semana-Santiago

- Location, Shape and Dispersion of BOI-Registered Investments in the Philippines: Implications for Policy
by David L. Llorito and Joyce Walter O. Palacol

Discussant: Dir. Nestor P. Arcansalin

- Likelihood-Based Control Limits For Parts-Per-Million Nonconforming Items
by Chona R. Cerillo, Jeffry J. Tejada and Welfredo R. Patungan

Discussant: Asst. Professor Olivia P. Pagulayan

October 5, 2004 (Tuesday), 10:30 – 12:15

Palawan 3

Session 4F: Survey Design
Chair: Dr. Dalisay S. Maligalig

- The Development of the 2003 Master Sample (MS) for Philippines Household Surveys
by Marissa L. Barcenas

Discussant: Dr. Isidoro David

- Monte Carlo Estimation in RCPS with Weighting Adjustment
by Joseph Ryan G. Lansangan

Discussant: Dr. Zita VJ Albacea

- Treatment of Missing Data in the Annual Survey of Establishments
by Lourdes V. Homecillo

Discussant: Dr. Arturo Y. Pacificador, Jr.

Lubang

Session 4G: Mindanao 2 – Various Topics
Chair: Dr. Brigida A. Roscom

- Estimating Interest Rate Using Autoregressive Conditional Heteroscedasticity (ARCH) Model
by Al Glenn D. Farochelin and Edgardo D. Cruz

Discussant: Dr. Edmundo B. Prantilla

- Income Distribution and Inequality of Three Key Cities in Mindanao
by Emmanuela Bullina- Santiañez

Discussant: ASec. Eufemia O. Calderon

October 5, 2004 (Tuesday), 01:15 – 03:00

Boracay

Session 5A: Econometric Modeling 2
Chair: Dr. Cayetano W. Paderanga, Jr.

- Geographic Distribution of the Poor: Is Poverty Contaminating?
by Erniel B. Barrios and Ohmar Z. Landagan

Discussant: Dr. Arsenio M. Balisacan

- The NEDA Quarterly Macroeconomic Model: Theoretical Structure and Some Empirical Results
by Carlos C. Bautista, Roberto S. Mariano and Bayani Victor Bawagan

Discussant: Dr. Duo Qin

- A Composite Leading Economic Indicators for the Philippines
by Lisa Grace S. Bersales, Regina S. Reyes and John Frederick P. de Guia

Discussant: Dr. Cayetano W. Paderanga, Jr.

Batanes

Session 5B: Gender Statistics

Chair: Ms. Emmeline L. Verzosa

- Profile and Aspirations of Cavite ECOZONE Workers
by Paula Molina G. Collado, Vilma S. Malumay, Minerva Eloisa P. Esquivias, Janice R. Ybañez and Lucia Iraida A. Soneja

Discussant: Ms. Mary Ruby Palma

- Survey Design on Gender Responsive Indicator Household Survey (GRIHS) for the Institutionalization of a Gender Responsive Statistical Database for Women's Empowerment in Compostela Valley Province
by Romeo B. Celeste and Alfredo A. Granada

Discussant: Ms. Nelia R. Marquez

- Towards a Gender-Responsive Human Rights Documentation System on VAW in the Philippines: The HURIDOCS-WinEvsys Experience
by Abigail Acuba-Cainglet

Discussant: Mr. Winecito L. Tan

October 5, 2004 (Tuesday), 01:15 – 03:00

Palawan 2

Session 5C: Millennium Development Goals Indicators

Chair: Dr. Mercedes B. Concepcion

Vice-Chair: Ms. Erlinda M. Capones

- Strengthening the Capacity of the Philippine Statistical System to Address the Statistical Requirements of the Millennium Development Goals
by Lina V. Castro, John Frederick P. de Guia and Regina S. Reyes

Discussant: Dr. Victoria A. Bautista

- The Civil Registration System as a Source of Data for Mortality Indicators for Monitoring the Millennium Development Goals
by Carmelita N. Ericta and Marites C. Espinoza

Discussant: Dr. Zelda C. Zablan

- Local Government Monitoring Tools for the Millennium Development Goals
by Austere A. Panadero

Discussant: USec. Bernie F. Cruz

Palawan 1

Session Sponsor: Department of Tourism

Session 5D: Tourism Statistics

Chair: Hon. Evelyn B. Pantig

- Developing the Operational Definition and Measurement Tools for Domestic Tourism in the Philippines
by Miguela M. Mena

Discussants: Ms. Josie B. Perez and Dir. Patria Aurora-Roa

- The Usefulness of International Tourism and Air Transport Statistics
by Maria Cherry Lyn S. Rodolfo

Discussants: Mr. Porvenir P. Porciuncula and Mr. Leo M. Picaso

October 5, 2004 (Tuesday), 01:15 – 03:00

Mactan

Session 5E: Statistical Computing

Chair: Dr. Felino P. Lansigan

- Statistical Analysis of Genotype x Environment Interaction in Transplanted Rice
by Jeanne Valerie Alcaraz-Agbayani and Consorcia E. Reaño

Discussant: Mr. Marcial F. Estolano

- Distance Sampling Simulated for Density Estimation
by Rebecca S. Galela and Brigida A. Roscom

Discussant: Ms. Nydia F. Lopez

Palawan 3

Session Sponsor: Statistical Research and Training Center

Session 5F: Student Session

Chair: Dr. Jose Ramon G. Albert

- Application of Preference Mapping in Food Science: A Case Study on Crispy Pili Nuts
by Christian E. Ciron
- A Forecast Comparison of Financial Volatility Models: GARCH (1,1) is not Enough
by Dennis S. Mapa

October 5, 2004 (Tuesday), 01:15 – 03:00

Lubang

Session 5G: Health, Nutrition and Biostatistics 2

Chair: Dr. Jesus N. Sarol, Jr.

- Comparing Two Classification Methods: Analysis of Health and Nutrition Indicators from the 1999 Multiple Indicator Cluster Survey
by Eliazar R. Dimalapang

Discussant: Prof. Marilyn E. Crisostomo

October 5, 2004 (Tuesday), 01:15 – 03:00

- Nutritional Status and Soil-Transmitted Helminthiases Among Schoolchildren in Selected Rural Villages in the Philippines
by Lorena S. Wambangco-Tengco and Florentino S. Solon

Discussant: Prof. Marilyn E. Crisostomo

- The Relationships Between Treatment Partners' Characteristics with Treatment Outcomes of New Sputum Positive TB Cases under Directly Observed Treatment Short-Course (DOTS) Strategy in Selected Provinces in Western Visayas, Philippines
by Edgardo M. Gonzaga and Dorothy L. Navarra

Discussant: Prof. Marilyn E. Crisostomo

Exhibit Area (SIMEX)

Poster Session

- Generalized Mixture Autoregressive Conditional Heteroscedastic Model
by Marissa C. Isidro and Joselito C. Magadia
- Leisure Time Allocation of Women: Some Evidence in Iloilo City, Philippines
by Grace Edmar Elizar Del Prado
- The Volume of Environmental Compliance Certificate (ECC) Applications Processed by the Department of Environment and Natural Resources (DENR)
by Ernestina Flores-Jose
- Travel Behavior of Tourists to Bohol: Survey Evidence
by Maria Cherry Lyn S. Rodolfo and Kristine Lou Mamaril
- A Closer Look at the Housing Consumption Pattern of Households in the Philippines
by Socrates L. Ramores and Mercedita E. Tia
- Improving Price Collection Using Handheld Computers
by Ma. Leah C. Magracia and Heidy O. Palencia
- A Model of the Equilibrium Exchange Rate and Its Implications to the Philippine Economy
by Gilbert M. Gordo and Tina Tan-Cruz