POPULATION ESTIMATES AND PROJECTIONS: METHODOLOGIES, INNOVATIONS AND ESTIMATION OF TARGET POPULATION APPLIED TO PUBLIC POLICIES

International Seminar

Organizing Institutions

Latin American Population Association (ALAP)
Population Estimates and Projections Network - ALAP/Celade

National School Statistical Science (ENCE)
Brazilian Institution of Geography and Statistics (IBGE)

Rio de Janeiro, CIC, IBGE, Av. Franklin Roosevelt, 146, 9th floor
9-11 November, 2011
INTERNATIONAL SEMINAR
POPULATION ESTIMATES AND PROJECTIONS: METHODOLOGIES, INNOVATIONS AND ESTIMATION OF TARGET POPULATION APPLIED TO PUBLIC POLICIES

FINAL PROGRAM

09 NOV 2011  WEDNESDAY

08:30-09:00  Opening
Nuno Duarte Bittencourt, Executive Director, IBGE
Rômulo Paes, Executive Secretary, Ministry of Social Development and Fight against Hunger
Gerhard Heilig, Chief, Population Estimates and Projections Section, UN Population Division
Taís de Freitas Santos, Program Coordinator, UNFPA, Assistant Representative
Wanda Cabella, General Secretary, ALAP
Suzana Cavenaghi, Seminar coordinator, ENCE/IBGE

09:00-11:00  Session 1: Innovations in the Population Projections at the UN Population Division: Methods, advances and challenges
Speakers:
Gehard Heilig (UN Population Division) - Preparation of the United Nations World Population Prospects – 35 minutes
Patrick Gerland (UN Population Division) – 35 minutes
1- Probabilistic Projections of the Total Fertility Rate for All Countries: an introduction to the new 2010 UN fertility projection model
2- Lessons learned and applications of the 2010 UN fertility projection methodology
Guiomar Bay (CELADE- Population Division of ECLAC) - Long term projections in Latin America - 25 minutes
Chair: Luiz Antonio Pinto de Oliveira (IBGE, Brazil)
Rapporteur: Juan José Calvo (Uruguay)

11:15-13:00  Session 2: National and Sub National projections: current practices, obstacles and advances in the region on applying new methodologies
Speakers:
Víctor Alfredo Bustos y de la Tijera (INEGI, Mexico) - Estimación recursiva de los tamaños y de las estructuras por edad, sexo y región de poblaciones – 20 minutes
Leila Regina Ervatti (IBGE, Brazil) - Projeções de população: experiência brasileira – 20 minutes
Gustavo Villalón (INE, Chile) – El Método de Relación de Cohortes y las áreas menores Evaluación - 20 minutes
Guiomar Bay (CELADE- Population Division of ECLAC) – Projections carried out by CELADE – 20 minutes
Chair: Cassio Turra (UFMG, Brazil)
Rapporteur: Juan José Calvo (Uruguay)
13:00-14:00  LUNCH

14:00-16:00  Session 3: Population estimates: methodological innovations and successful international experiences
Speakers:  *Howard Hogan* (Census Bureau, USA) – US population estimates – 40 minutes
          *Sergei Scherbov* (Leader of the Research Group for Population Dynamics and Projections at the Vienna Institute of Demography, Austria) - Projecting future aging: a new approach – 40 minutes
Chair:  *Simone Wajnman* (Cedeplar, UFMG, Brazil)
Rapporteur:  *Juan José Calvo* (Uruguay)

16:00-16:30  Coffee-break

16:30-18:30  Session 4: Population estimates: national experiences
Speakers:  *Gabriel Mendes Borges* (IBGE, Brazil) - Estimativas populacionais para os municípios brasileiros: obstáculos, avanços e desafios na aplicação de novas metodologias – 20 minutes
          *Mónica Graciela Bankirer* (INDEC, Argentina) - Las estimaciones y proyecciones de la migración internacional: la experiencia argentina. Niveles y tendencias observadas a nivel nacional y en el contexto latinoamericano – 20 minutes
          *Zulma Sosa* (DGEEC, Paraguay) – 20 minutes
          *Olga Araya* (INEC Costa Rica) – 20 minutes
Chair:  *Taís de Freitas Santos* (UNFPA, Brazil)
Rapporteur:  *Juan José Calvo* (Uruguay)

10 NOV 2011  THURSDAY

09:00-10:00  Conference: Small domains estimation and poverty indicators
Speaker:  *Jon Rao* (Carleton University, Ottawa, Canada)
Chair/Rapporteur:  *Pedro Luis Nascimento Silva* (ENCE/IBGE, Brazil)

10:00-11:00  Session 5: Small domains population and indicators estimation: new methodologies and applications
Speakers:  *Alfredo Navarro* (Census Bureau, US) - American Community Survey Design and Statistical Methodology – 40 minutes
          *Denise Britz do Nascimento Silva*, (ENCE/IBGE, Brazil), and co-authors (Bernard Baffour, Christine Sexton, Alan Taylor, Alinne Veiga) - Small Area Estimation Strategy for 2011 UK Census – 20 minutes
Chair:  *Wanda Cabella* (Universidad de la Republica, Uruguay)
Rapporteur:  *Jeronimo Oliveira Muniz* (UFMG, Brazil)
11:15-13:00 Session 6: Small domains population and indicators estimation: applied national experiences

Speakers: Leandro González (CONICET-U.N. Córdoba, Argentina) – 25 minutes
Antonio Miguel Monteiro (INPE, Brazil) – Satellite Images and Spatial Analysis producing socio-spatial information: Myths and possibilities. – 25 minutes
Marcelo Pitta (Fundação SEADE, Brazil) – 25 minutes

Chair: Alicia Bercovich (IBGE, Brazil)
Rapporteur: Jeronimo Oliveira Muniz (UFMG, Brazil)

13:00-14:00 LUNCH

14:00-16:00 Session 7: Updating, evaluating and planning demographic projections

Speakers: Bernadette Waldvogel (Fundação SEADE, Brazil) – 25 minutes
Paulo de Martino Jannuzzi (MDS, Brazil) – 25 minutes
Eduardo Arriaga (Consultant, USA/Argentina) - Population Projections: Toward which goals are we going? – 25 minutes

Chair: Junia Quiroga (MDS, Brazil)
Rapporteur: Cristina Massa (Universidad Nacional de Luján, Argentina)

16:00-16:30 Coffee-break

16:30-18:30 Thematic Sessions – from call for papers

Organizers/ Discussant
Guiomar Bay (CELADE- Population Division of ECLAC)
Leandro González (CONICET-U.N. Córdoba, Argentina)

Métodos AiBi e Logístico para projeção de pequenas áreas: uma aplicação para a microrregião de Angicos – RN
Cristiane Silva Corrêa (CEDEPLAR/UFMG and UFRN, Brazil) – 25 minutes
Luana Junqueira Dias Myrrha (CEDEPLAR/UFMG and UFRN, Brazil)
Moema Goncalves Bueno Figoli (CEDEPLAR/UFMG, Brazil)

Desafios para o IBGE nas estimativas populacionais dos Municípios brasileiros: aplicação de distintas metodologias
Gabriel Mendes Borges (IBGE, Brazil) – 25 minutes
Leila Regina Ervatti (IBGE, Brazil)
Luciano Gonçalves de Castro e Silva (IBGE, Brazil)

Temporal disaggregation and restricted forecasting of multiple population time series
Eluid Silva (Universidad Anáhuac y UNAM, Mexico) – 25 minutes
Víctor M. Guerrero (ITAM, Mexico)
Daniel Peña (Universidad Carlos III de Madrid, Spain)

Rapporteurs: Cristina Massa (Universidad Nacional de Luján, Argentina)
Maria de Lourdes Teixeira Jardim (Fundação de Economia e Estatística – FEE, Brazil)
11 Nov 2011  FRIDAY

09:00-11:00  Session 8: Demands, advances and current challenges in the estimation of target population aimed to designing, implementing and monitoring public policies

Speakers:  Paulo de Martino Jannuzzi (ENCE/IBGE, MDS, Brazil) – 25 minutes
           Enrique Minor Campa (Coneval, Mexico) – 25 minutes
           Ruben Klein (Fundação CESGRANrio, Brazil) – 25 minutes

Chair:  Rômulo Paes (MDS, Brazil) – Brazilian Program of Poverty Eradication
Rapporteur:  Maria de Lourdes Teixeira Jardim (Fundação de Economia e Estatística – FEE, Brazil)

11:15-13:00  Session 9: Derivative Projections: specific population groups estimation

Speakers:  Tim Miller (CELADE- Population Division of ECLAC, (co-authors Carlo Capra and Daniela Jara) - The emergence of Aged Economies in the 21st century: Using population projections for long-run economic forecasts - 20 minutes
           Cristina Guimarães Rodrigues (USP, Brazil) – Healthcare Demand Forecasting: Methods and application for Brazil - 20 minutes
           Gustavo Givisiez (Universidade Federal Fluminense, Brazil) – Family and household projections - 20 minutes
           Brenda Yépez-Martinez (Universidad Central de Venezuela) – Household Projections: methods, applications and current practice - 20 minutes

Chair:  Ana Amélia Camarano (IPEA, Brazil)
Rapporteur:  Maria de Lourdes Teixeira Jardim (Fundação de Economia e Estatística – FEE, Brazil)

13:00-14:00  LUNCH

14:00-16:00  Session 10: Capacitating (teaching and training) in new methods and projection tools: national and international cooperation

Speakers:  Moema Gonçalves Bueno Figoli (UFMG, Brazil) - Teaching projections and challenges regarding the theory and practice – 25 minutes
           Daniel Macadar (UNFPA, Uruguay) - PRODEX: Proyecciones demográficas en entorno Excel – 25 minutes
           Guiomar Bay (CELADE- Population Division of ECLAC) – 25 minutes

Discussant:  Suzana Cavenaghi (ENCE/IBGE, Brazil) – 20 minutes
Chair:  Denise Britz do Nascimento Silva (ENCE/IBGE, Brazil)
Rapporteur:  Cristina Massa (Universidad Nacional de Luján, Argentina)

16:00-16:30  Coffee-break

16:30-18:30  Seminar report: planning the future agenda

Chair:  Suzana Cavenaghi (ENCE/IBGE, Brazil)
           Juan José Calvo (Uruguay) – 25 minutes
           Jeronimo Oliveira Muniz (UFMG, Brazil) – 15 minutes
           Cristina Massa (Universidad Nacional de Luján, Argentina) – 15 minutes
           Maria de Lourdes Teixeira Jardim (Fund. de Economia e Estatística - FEE, Brazil) – 15 minutes
           Guiomar Bay (Population estimates and projections Network Coordinator) – Planning future activities for the Network – 15 minutes


INTERNATIONAL SEMINAR

POPULATION ESTIMATES AND PROJECTIONS: METHODOLOGIES, INNOVATIONS AND ESTIMATION OF TARGET POPULATION APPLIED TO PUBLIC POLICIES

OBJECTIVE

The objective of this seminar is to promote a broad discussion about the advances and challenges regarding methods and models on population estimates and projections currently used for the official estimates and to present methodological innovations in the field, discussing its implementation feasibility by bringing together users and data producers.

The seminar foresees a discussion of the new proposal from UN Population Division to estimate fertility rates by probabilistic method, to present methods currently used by the National Statistical Offices in some Latin American countries for projections and estimates at the national and sub national levels and for small area estimations, as well as methods to estimate target population aimed to public policies application. A space in the seminar is planned to allow for presentation of innovative and successful experiences currently used in some countries followed by a discussion of whether and how to implement standardized procedures in different national contexts. Hence, the seminar has two fold purposes: to present methodological innovations and to share experiences by allowing the contact of several specialists from different academic and technical fields.

SPECIFIC OBJECTIVES:

- To create a regional expert working group to discuss and disseminate methods and tools of population estimates and projections;
- To strengthen the regional technical capacity;
- To facilitate the cooperation and exchange among experts from the technical and scientific fields of demographic estimation and projections.

The scientific program includes invited sessions with high-level experts on each area and also has an important space for paper's contribution, which will be presented in thematic sessions in the afternoon of day-2 of the seminar. The main topics for the thematic sessions are: 1) New methodologies and estimation issues for national and sub national projections, such as the methodology proposed and already implemented by the UN to project fertility rates by a probabilistic approach; 2) Methods and applications on demographic indicators and population estimation in small areas/domains; and 3) Methods and applications of projections for specific groups in the areas of health, education, social welfare, poverty and household projections among others, including alternative data sources and some successful implementation, specifically aimed to provide data to diagnosing, implementing and monitoring public policies.
Scientific and Organizing International Committee

Fernando Lozano (CRIM, Mexico)
Pablo de Martino Jannuzzi (MDS-Sagi, Brazil)
Guiomar Bay (CELADE- Population Division of ECLAC)
Leandro González (CONICET-U.N. Córdoba, Argentina)
Enrique González Galban (ONE, Cuba)

Scientific and Organizing Local Committee

Suzana Cavenaghi (ENCE/IBGE, Brazil)
Pedro Luis Nascimento Silva (ENCE/IBGE, Brazil)
Luiz Antonio Pinto de Oliveira (COPIS/IBGE, Brazil)
Júnia Quiroga (MDS, Brazil)