



SCIENTIFIC PROGRAM

INTERNATIONAL SEMINAR

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

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)

Local

Rio de Janeiro, CIC, IBGE, Av. Presidente Rosevelt, 146, 9º floor

Date

9-11 November, 2011



Scientific and Organizing International Committee

Fernando Lozano (CRIM, Mexico)

Paulo de Martino Jannuzzi (MDS-Sagi, Brazil)

Guiomar Bay (CELADE- Population Division of ECLAC)

Leandro González (Universidad de Cordoba, 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)



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FINAL PROGRAM

DAY 09 NOV 2011 WEDNESDAY

08:30-09:00 Opening

Wasmalia Bivar, IBGE, President

Rômulo Paes, Ministry of Social Development and Fight against Hunger, Executive Secretary

Gerhard Heilig, UN Population Division, Chief, Population Estimates and Projections Section

Taís de Freitas Santos, UNFPA, Assistant Representative - Program Coordinator

Wanda Cabella, General Secretary, ALAP

Suzana Cavenaghi (ENCE/IBGE), Seminar coordinator

09:00-11:00 Session 1: Innovations in the Population Projections at the UN Population Division: Methods, advances and challenges

Speakers: *Patrick Gerland* (UN Population Division) – 35 minutes

Gehard Heilig (UN Population Division) – 35 minutes

Guiomar Bay (CELADE- Population Division of ECLAC) - 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: *Guiomar Bay* (CELADE- Population Division of ECLAC) – Projections carried out by CELADE – 20 minutes

Víctor Alfredo Bustos y de la Tijera - (INEGI, Mexico) – 20 minutes

Gabriel Mendes Borges (IBGE, Brazil) – 20 minutes

Gustavo Villalón (INE, Chile) – 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, US) – US population estimates – 40 minutes



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Sergei Scherbov (Leader of the Research Group for Population Dynamics and Projections at the Vienna Institute of Demography) – 40 minutes

Discussant: *Ralph Hakkert* (UNFPA, NY/USA) – 20 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: *Leila Regina Ervatti* (IBGE, Brazil) – 20 minutes

Zulma Sosa (DGEEC, Paraguay) – 20 minutes

Mónica Graciela Bankirer (INDEC, Argentina) – 20 minutes

Olga Araya (INEC Costa Rica) – 20 minutes

Chair: *Taís de Freitas Santos* (UNFPA, Brazil)

Rapporteur: *Juan José Calvo* (Uruguay)

DAY 10 Nov 2011 THURSDAY

09:00-10:00 Conference: Small domains estimations 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* (Univ. Nacional de Córdoba–CONICET, 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)



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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) – 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 (Universidad Nacional de Cordoba, Argentina)

Interdependencia de censos y proyecciones: el caso del Conteo 2005 en Mexico

Carlos Galindo (Colegio de Mexico, Mexico)

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) – 20 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) – 20 minutes

Leila Regina Ervatti (IBGE, Brazil)

Luciano Gonçalves de Castro e Silva (IBGE, Brazil)

Temporal disaggregation and restricted forecasting of multiple population time series

E. Silva (Universidad Carlos III de Madrid, Spain) – 20 minutes

V.M. Guerrero (Instituto Tecnológico Autónomo de Mexico –ITAM, Mexico)

D. Peña (Departamento de Estadística, 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)

DAY 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
 Brazilian Epidemiological Secretary (Health Ministry) – 25 minutes
 INEP (Ministry of Education) – 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), Long-run economic and fiscal forecasts based on population projections (20 minutes)

Cristina Guimarães Rodrigues (USP, Brazil) – Health Services Demand Projection: Methods and application for Brazil (20 minutes)

Gustavo Givisiez (Universidade Federal Fluminense, Brazil) – Family and household projections (20 minutes)

Brenda Yapez (Universidad Central de Venezuela, Venezuela) – Household estimation (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 Goncalves Bueno Figoli* (UFMG, Brazil) – 25 minutes

Daniel Macadar (UNFPA, Uruguay) – 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



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Cristina Massa (Universidad Nacional de Luján, Argentina) – 15 minutos

Maria de Lourdes Teixeira Jardim (Fundação de Economia e Estatística - FEE, Brazil)
– 15 minutos

Guiomar Bay (Population estimates and projections Network Coordinator) – Planning
future activities for the Network – 15 minutos

SUPPORTERS:





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.



AUDIENCE

The audience as well as the presenters will include experts from the academic area as well as technical personnel from the Statistical Country Offices, to allow sharing knowledge and experiences on these topics, and stimulating the joint discussion that can promote a basis for a standardization of procedures used in many countries, providing protocols and softwares needed to perform the projections timely and using the best available data and methodology.