The purpose of the workshop was (1) to review what we know about fertility decline to very low level and sustained very low level through lectures and discussions, (2) to introduce newly developed methodologies that are appropriate for the analyses of very low fertility, (3) to identify needs for further research, and (4) to begin to design further research focusing on hypotheses, analytical strategies, survey design, and data collection.

The workshop agenda consisted of four main components. (1) Overview of fertility decline to very low levels in different parts of the world; (2) discussion on key factors associated with this trend; (3) introduction of new methodologies for analyzing fertility decline and its causes, and (4) individual work and presentation of research designs.

Regarding methodological considerations, three sets of topics were covered: (1) analysis of postponement and recuperation of childbearing by Dr. Tomas Frejka; (2) multidimensional life table analysis of the total fertility rate and its components by Dr. Robert Retherford; and (3) methods for measuring and analyzing the influence of community-level variables by Dr. Gustavo Angeles.

Participants were asked to do three presentations, one on the trends and pattern of fertility decline in one or more countries; one on data availability for fertility analyses in their countries, together with a critical evaluation; and one on the design of a fertility survey or an analysis of below replacement fertility.

The workshop agenda and list of participants are attached.
42nd Summer Seminar on Population, June 4-18, 2011

Workshop on Designing Fertility Analyses in the Context of Low Fertility
(JAB 3015/3019)

Coordinators: Minja Kim Choe and Robert D. Retherford

Resource Persons: Ronald R. Rindfuss, Tomas Frejka, Gustavo Angeles

(Updated 5/26/2011)

Sunday (6/5)
17:30: Welcome reception and orientation; Workshop goals and agenda

Monday (6/6)
9:00 - 10:15: Orientation (RIS, IT, Visa);
10:30 - 11:45: Paths to Subreplacement Fertility in Different Parts of the World (Tomas Frejka)
13:30 - 15:00: Second Demographic Transition and Transition to Very Low Fertility in Japan (Bob Retherford); Participant sign-up for presentations;

Tuesday (6/7)
9:00 - 10:15: Institutional aspects of Fertility (Ron Rindfuss)
10:30 - 11:45: Marriage, non-marital births (Minja Choe)
13:30 - 15:00: Multivariate analysis of TFR; Data requirements for fertility analyses (Bob Retherford)

Wednesday (6/8)
9:00 - 10:15: Fertility preferences, intentions, and expectations (Minja Choe)
10:30 - 11:45: Education, Work and family, Child Care (Ron Rindfuss)
13:30 - 15:00: Review of some fertility surveys (Panel)

Thursday (6/9)
9:00 - 10:15: Including contextual variables in the fertility analyses (Ron Rindfuss)
10:30 - 11:45: Multi-level analysis (Gustavo Angeles)
13:30 - 15:00: Multi-level analysis (Gustavo Angeles)

Friday (6/10)
9:00 - 10:15: Social networks and fertility change; Low Fertility Trap (Ron Rindfuss)
10:30 - 11:45: Multi-level analysis (Gustavo Angeles)
13:30 - 15:00: Multi-level analysis (Gustavo Angeles)
**Monday (6/13)**
9:00 - 10:15: Case studies: transition to very low fertility (Participants)
10:30 - 11:45: Case studies: transition to very low fertility (Participants)
13:30 - 15:00: New methods of fertility analysis and forecasting in low fertility settings (Tomas Frejka)

**Tuesday (6/14)**
9:00 - 10:15: Case studies: transition to very low fertility (Participants)
10:30 - 11:45: Population policies (Bob Retherford)
13:30 - 15:00: New methods of fertility analysis and forecasting in low fertility settings (Tomas Frejka)

**Wednesday (6/15)**
9:00 - 10:15: Case studies: data and methodology (Participants)
10:30 - 11:45: Population policies (Vinod Mishra)
13:30 - 15:00: Individual/Group work/Consultations

**Thursday (6/16)**
9:00 - 11:45: Presentations of participant projects
13:30 - 15:00: Individual/Group work/Consultations

**Friday (6/17)**
9:00 - 11:45: Presentations of participant projects
13:30 - 15:00: Wrap-up
## List of participants

<table>
<thead>
<tr>
<th>Last name</th>
<th>First name</th>
<th>Country</th>
<th>Sex</th>
<th>Position</th>
<th>Organization</th>
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<tbody>
<tr>
<td>Adriana</td>
<td>Irma</td>
<td>Indonesia</td>
<td>F</td>
<td>FP Method Formulator</td>
<td>National Family Planning Coordinating Board</td>
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<tr>
<td>Asai</td>
<td>Yukiko</td>
<td>Japan</td>
<td>F</td>
<td>PhD student</td>
<td>Keio University</td>
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<td>Byambaa</td>
<td>Enkhtsetseg</td>
<td>Mongolia</td>
<td>F</td>
<td>Dep Head</td>
<td>Pop Teaching and Research, National University of Mongolia</td>
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<tr>
<td>Goisis</td>
<td>Alice</td>
<td>United Kingdom</td>
<td>F</td>
<td>PhD student</td>
<td>London School of Economics</td>
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<tr>
<td>Kim</td>
<td>Eun-jung</td>
<td>Korea</td>
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<td>Research Fellow</td>
<td>Korea Institute for Health and Social Affairs</td>
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<tr>
<td>Koh</td>
<td>Wee Ling</td>
<td>Singapore</td>
<td>F</td>
<td>Statistician</td>
<td>Singapore Department of Statistics</td>
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<tr>
<td>Li</td>
<td>Rui</td>
<td>China</td>
<td>M</td>
<td>Program Officer</td>
<td>National Bureau of Statistics</td>
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<tr>
<td>Lin</td>
<td>Yu-Hsuan</td>
<td>Taiwan</td>
<td>F</td>
<td>Senior Specialist</td>
<td>Bureau of Health Promotion, Department of Health</td>
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<td>Ma</td>
<td>Li</td>
<td>Sweden</td>
<td>F</td>
<td>PhD student</td>
<td>Stockholm University Demography Unit</td>
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<td>Nagdeve</td>
<td>Dewaram Abhiman</td>
<td>India</td>
<td>M</td>
<td>Assoc Prof</td>
<td>International Institute for Population Studies</td>
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<td>Quan</td>
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<td>Vitali</td>
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<td>Wongboonsin</td>
<td>Patcharawalai</td>
<td>Thailand</td>
<td>F</td>
<td>Assoc Prof</td>
<td>Chularlongkorn University</td>
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<tr>
<td>Yoo</td>
<td>Sam Hyun</td>
<td>USA</td>
<td>M</td>
<td>PhD student</td>
<td>Arizona State University</td>
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