



สถาบันวิจัยระบบสาธารณสุข
เลขรับ 4053
18 ธ.ค. 2567
เวลา 15.34 น.

ที่ อว ๖๔.๒๖/๐๘๘๗

วิทยาลัยประชากรศาสตร์
จุฬาลงกรณ์มหาวิทยาลัย
ถนนพญาไท กรุงเทพฯ ๑๐๓๓๐

๑๑ ธันวาคม ๒๕๖๗

เรื่อง ขอความอนุเคราะห์ประชาสัมพันธ์การฝึกอบรมบนเว็บไซต์

เรียน ผู้อำนวยการสถาบันวิจัยระบบสาธารณสุข

ด้วยวิทยาลัยประชากรศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย กำหนดจัดโครงการฝึกอบรมเชิงปฏิบัติการเรื่อง “การวิเคราะห์ประชากรประยุกต์ด้านการสูงอายุและสุขภาพ” (Demographic Analysis with Applications to Aging and Health) ระหว่างวันที่ ๓-๒๑ พฤศจิกายน ๒๕๖๘ มีวัตถุประสงค์เพื่อพัฒนาความรู้ความเข้าใจด้านการวิเคราะห์ประชากรศาสตร์เชิงลึก และประยุกต์ใช้ในบริบทด้านการสูงอายุและสุขภาพ การฝึกอบรมดังกล่าวได้รับเกียรติจาก Professor Sergei Scherbov ผู้เชี่ยวชาญระดับโลกด้านการประยุกต์ใช้คอมพิวเตอร์ในงานประชากรศาสตร์และการวิจัยด้านการสูงอายุเป็นผู้นำการอบรม โดยเนื้อหา ครอบคลุมเทคนิคขั้นสูงด้านการวัดการสูงอายุและผลกระทบต่อสุขภาพและสังคม

การนี้ วิทยาลัยประชากรศาสตร์ มีความประสงค์ขอความอนุเคราะห์จากท่านในการประชาสัมพันธ์ข้อมูลการฝึกอบรมดังกล่าวผ่านทางเว็บไซต์ของสถาบันวิจัยระบบสาธารณสุข เพื่อให้การเผยแพร่ข้อมูลเข้าถึงกลุ่มเป้าหมายที่เกี่ยวข้อง และเพิ่มโอกาสในการเข้าร่วมการฝึกอบรมสำหรับผู้สนใจ

จึงเรียนมาเพื่อโปรดพิจารณาให้ความอนุเคราะห์ จักขอบพระคุณยิ่ง

- | | |
|---|---|
| <input type="checkbox"/> อนุมัติ | <input checked="" type="checkbox"/> เผยแพร่ |
| <input type="checkbox"/> ลงนามแล้ว | <input type="checkbox"/> ทราบ |
| <input type="checkbox"/> ลงนัด | <input type="checkbox"/> เห็นชอบตามเสนอ |
| <input checked="" type="checkbox"/> มอบ..... ศี. ศี. ๖๗ | |
| <input type="checkbox"/> อื่น ๆ..... | |

ขอแสดงความนับถือ

(ผู้ช่วยศาสตราจารย์ ดร. รักษนก ชานานบูล)

คณบดีวิทยาลัยประชากรศาสตร์

20 ธ.ค. 67
(นายศุภกิจ ศิริลักษณ์)
ผู้อำนวยการสถาบันวิจัยระบบสาธารณสุข

รับ-ส่ง
23 ธ.ค. 67
ผู้รับ

**TRAINING WORKSHOP
ON
DEMOGRAPHIC ANALYSIS WITH
APPLICATIONS TO AGING AND HEALTH**

**NOVEMBER 3 - 21, 2025
BANGKOK, THAILAND**



CPS
COLLEGE OF
POPULATION STUDIES



International Institute for
Applied Systems Analysis
www.iiasa.ac.at



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Begin Your Expertise Journey:

Mastering Demographic Analysis and Skills

Join our renowned training course in demographic analysis, now in its third decade! With about 400 participants from 28 countries having successfully completed this program, the course offers an intensive, hands-on learning experience designed to deepen your expertise in the advanced methods of demographic analysis.



Feedback from our participants

"...This workshop was awesome, life-changing, and full of skill-building..."

— Anonymous review from the 2024 class

"The course was truly eye-opening, especially in today's aging society, where we often overlook the realities of longer lifespans and the need to adapt accordingly. It's a concept every discipline should embrace to address the challenges we all face."

— Dr. Norabajra Asava-vallobh, 2023

Course structure:

- The program typically **runs for 2-3 weeks**, with **six hours of daily classes** complemented by additional independent work.
- Participants engage in in-depth exploration of demographic methods and analytical techniques, with an emphasis on computer-based analysis. Real-world examples and country-specific case studies are incorporated throughout to enrich understanding and practical application.
- Since population aging is one of the main topics of the training program, participants will learn and apply most of the techniques employed in the book "Prospective Longevity: A New Vision of Population Aging", recently published by Harvard University Press.

Upon completing the course, participants receive a **Certificate of participation**. Individuals who successfully pass the examination will receive a **Certificate of Accomplishment**.

GUIDANCE FROM THE WORLD'S LEADING EXPERT: PROFESSOR SERGEI SCHERBOV

Professor Sergei Scherbov, a leading expert in demographic computer applications and aging research. He is currently IIASA Distinguished Emeritus Research Scholar in the Population and Just Societies Program. Previously, he was Deputy Program Director of IIASA's World Population Program and Director of Demographic Analysis at the Wittgenstein Centre for Demography and Global Human Capital. He is Affiliated Professor at the College of Population Studies, Chulalongkorn University, Thailand.

Professor Scherbov has given numerous intensive "hands-on" courses in demographic analysis and computer applications at many universities and statistical offices around the world, some of which were organized by the United Nations Population Fund (UNFPA). He has authored, co-authored or co-edited several books and more than 200 articles in professional journals, including 6 papers in Science and Nature. In recognition of his outstanding contributions, Professor Scherbov was awarded a prestigious Advanced Grant from the European Research Council (ERC) to develop new measures of aging. He is a full member of the Academy of Europe.



WHAT YOU WILL LEARN

- 1. Demographic Fundamentals:** Learn how to analyze population age structures and develop key metrics. Master period-cohort transformations and gain proficiency in advanced Excel functions for demographic analysis.
- 2. Data Presentation Mastery:** Learn advanced techniques for presenting data effectively and leverage interactive graphical tools to enhance data storytelling.
- 3. Vital Insights:** Construct life tables and conduct in-depth in mortality analysis, alongside fertility measures for a robust demographic framework. Understand stable population theory, and its applications. Learn different models of age-specific patterns of vital events.
- 4. Technical Proficiency:** Develop the skills to handle large datasets efficiently and gain an introduction to Visual Basic for Applications (VBA) for added analytical capabilities. Innovation in
- 5. Aging Studies:** Explore cutting-edge approaches to measuring age and aging, with case studies on aging and health drawn from various international contexts.
- 6. Population Projections:** Master techniques for both standard and parameterized population projections.
- 7. Introduction to R Programming:** Acquire foundational skills in R, focusing on data transformation, smoothing, life table construction, age-related metrics, population projection techniques and various additional methods for demographic analysis.

THE COURSE IS DESIGNED FOR

- Junior scientists, researchers, and graduate students with an interest in population studies.
- Early- to mid-career professionals in statistical offices or research institutes seeking advanced skills.
- Lecturers in demography.

APPLICATION PROCESS

- Complete the application form.
- Fill out the questionnaire.
- Submit your CV.

Send all documents to workshop coordinator at cpsaging@gmail.com by **April 25, 2025**. Following the evaluation of applications, applicants will be notified about the outcome by **May 13, 2025**.

FEES

Payment before June 10, 2025

Course fee : €1,800
Course fee & accomodation: €2,400

Payment after June 10, 2025

Course fee : €2,000
Course fee & accomodation: €2,600

Course fee includes materials, lunch and refreshments.

PAYMENT AND CANCELATION POLICIES

- Early payment due by **June 10, 2025**.
- Course fees are non-refundable for cancellations made after **August 1, 2025**.
- Accommodation bookings arranged through us are non-changeable and non-refundable.

COST OF LIVING IN BANGKOK

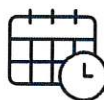
- Estimated **400-600 Baht (10-15€)** per day.

TRAINING WILL BE HELD ON



**College of Population Studies,
Chulalongkorn University, Bangkok.**

Visid Prachuabmoh Building
254 Phaya Thai Rd, Wang Mai, Pathum
Wan, Bangkok 10330, Thailand



3 - 21 November 2025
From 9.00 - 17.00 on
Monday to Friday

MORE INFORMATION

Workshop Coordinator: Dr. Orawan Prasitsiriphon



+66 - 02-218-7344



cpsaging@gmail.com

www.cps.chula.ac.th/newcps/

Training Workshop on

Demographic Analysis with Applications to Aging and Health

November 3-21, 2025
Bangkok, Thailand

Application Form

(Please type or use CAPITAL letters as stated in the passport)

Title: Dr. Mr. Mrs. Ms.

Family name: _____ Given name: _____

Sex: M F Date of Birth: (DD/MM/YY) _____ Nationality: _____

Current position/Job Title: _____

Institutional Affiliation: _____

Institutional mailing address: _____

Country of Residence: _____

Phone Number: Office: _____ Home: _____

Fax Number: _____ Email: _____

Please check relevant boxes

Fees: Course fee €1,800 (€2,000 after June 10)

Course fee and 21-night accommodation €2,400 (€2,600 after June 10)

Source of funding: Self-funded through current institution/affiliation

Self-funded through _____

Dietary requirements: Vegetarian Halal food Gluten free

A special diet (Please specify): _____

Signature of Applicant: _____ Date: _____

QUESTIONNAIRE FOR COURSE APPLICANTS

This questionnaire's purpose is to estimate the level of knowledge of applicants in the areas covered in the course to customize the workshop to their prospective needs. *Kindly keep in mind that basic knowledge of working with spreadsheets is expected and explanations of basic functions during the workshop will be limited to be able to cover the range of topics.*

Please fill in the form using the following symbols:

- ++ I know the subject or I can calculate this indicator or I know how to apply this function.
- + I heard about this subject, indicator or function. But I have never calculated it or used it myself.
- I have some vague idea about this subject.
- I have no idea about this.

Subject, indicator, function	Level of knowledge
1. Selected demographic indicators of models	
1.1. Age specific mortality, fertility, migration rates	
1.2. Total fertility rate	
1.3. Life tables	
1.4. Population projections (cohort-component method)	
1.5. Gamma fertility model	
1.6. Brass relational logit model (mortality)	
2. Working with Excel	
2.1. Navigation in a workbook, entering data in a worksheet	
2.2. Using simple formulas	
2.3. Ranges, copying and moving ranges with data and formulas	
2.4. Relative and absolute cell reference in Excel	
2.5. Making charts	
2.6. Excel functions: INDEX, MATCH, VLOOKUP, HLOOKUP	
2.7. Pivot tables	
2.8. Excel's linear regression functions	
2.9. Using Visual Basic for Applications (VBA)	
3. General skills	
3.1. Linear interpolation	
3.2. Linear regression	
3.3. Non-linear regression	