



## Farid FLICI

Actuary

PB. 197, Street Djamal-Eddine El-Afghani, Rostomia,  
Bouzareah 16011, Algiers, Algeria.

Cell: +213 553 944 366

Office: +213 23 18 00 88 ext. 437

e-mail: [farid.flici@cread.dz](mailto:farid.flici@cread.dz) / [farid\\_flici@yahoo.fr](mailto:farid_flici@yahoo.fr)



ORCID: <https://orcid.org/0000-0002-1954-2120>

Web of Science Researcher ID: [AAC-3268-2019](#)

Scopus Author ID: [57209236573](#)

### CURRENT POSITION

**Senior Researcher** – Since March 2017

**Researcher** – Since April 2012

Centre for Research in Applied Economics for Development (CREAD),  
PB. 197, Street Djamal-Eddine El-Afghani, Rostomia, Bouzareah 16011, Algiers, Algeria.

Division: Human Development and Social Economics.

Team: Population Studies (Team Leader).

Working Group: Actuarial Demography.

Expert at the National Committee for Population (Algeria) – Since March 2018.

### EDUCATION

- 04/2019:** HDR Accreditation, High School of Statistics and Applied Economics (ENSSEA, DZ).
- 02/2017:** PhD in Statistics and Applied Economics at ENSSEA- Subject: “[Longevity and Pension Plan Sustainability in Algeria: Taking the retirees mortality experience into account](#)”.
- 2006-2011 :** Post-graduation in Quantitative Finance (ENSSEA) - Subject: “[Provisionnement des Rentes Viagères en Algérie entre Approche Statique et Approche Prospective](#)”
- 2001-2006:** State engineer (Graduation) in Finance & Actuarial Science (ENSSEA) - Subject: The determinants of Civil Responsibility Car insurance premiums in Algeria.
- 2001:** Baccalaureate in Nature and Life Sciences.

### TEACHING EXPERIENCE

- Life Insurance & Retirement (Seminar) at EHEA (School of High Studies in Insurance), March 6<sup>th</sup>-7<sup>th</sup>, 2019, Algiers, Algeria.
- Population Projections with R – including dynamic presentations (Tutorial) at UNISA Actuarial School, September 2018, Salerno, Italy.
- Risk modelling in Life Insurance, Ecole Supérieure de Sécurité Sociale ESSS, Algiers, 2017-18.
- Demographic Analysis and Micro-Economics for Insurance (ENSSEA). 2009- 2013.

### RESEARCH INTEREST

- Mortality & Longevity Modelling: Experience Mortality; Coherent Mortality Modelling.
- Retirement Systems Sustainability;
- Longevity & Health;

## PUBLICATIONS

- FLICI, Farid (2020). "Analyzing the Trend of Life Expectancy Evolution in Algeria from 1962 to 2018: The S-logistic Segmentation with Jumps." *Population Review* 59(1): 56-72. DOI: 10.1353/prv.2020.0002
- FLICI, Farid and PLANCHET, Frédéric (2020). *Financial Sustainability of the Algerian System: a perspective analysis of the 50 coming years*. In Peris-Ortiz, M.; Alvarez-Garcia, J.; Dominguèz-Fabian, I. and Devolder, P. (Eds), "Economic Challenges of Pension Systems- A sustainability and International Management Perspective", Springer Nature, Switzerland.
- FLICI, Farid (2020). "Closing-Out the Algerian Life Tables: for More Accuracy and Adequacy at Old-Age." *Actuarial Research Clearing House*, 2020(2), 2.
- FLICI, Farid and PLANCHET, Frédéric (2019). "Experience Prospective Life-Tables for the Algerian Retirees", *Risks*, 7(2), 38, doi:10.3390/risks7020038
- FLICI, F. (2019). "On the redesign of Pay-As-You-Go retirement systems: Towards more generational and inter-generational equality". Conference Proceeding of the 17<sup>th</sup> International Pensions Workshop, Paris, France (May).
- CHINOUNE, M. and FLICI, F. (2019). "Assessing the quality of national life tables in Algeria using specific survey". Conference paper. 8<sup>th</sup> African Population Conference, Entebbe, Uganda (November).
- FLICI, Farid ; SENOUCI, Khadidja et HANNANI, Yasmine (2017). "Tables de mortalité d'expérience incorporant une échelle de projection: adaptation au cas des retraites en Algérie", *Bulletin Français d'Actuariat*, 17 (34) : 5-32.
- FLICI, Farid (2016). "Provisionnement des rentes viagères en Algérie entre approche statique et approche prospective", *Bulletin Français d'Actuariat*, 16 (31) : 5-40.
- FLICI, Farid (2015). "Mortality forecasting for the Algerian population with considering cohort effect", Proceeding of the International Association of Actuaries. IAAC 2015. Oslo-Norway.

## SELECTED CONFERENCES PRESENTATIONS / WORKING PAPERS

- FLICI, F. and PLANCHET, F. 2018. "Sustainability of the Algerian Pension System". *International Congress of Actuaries*, Berlin (Germany), June 2018. Presented also at the *International Pensions Workshop*, Lisbon (Portugal), Mai 2018 and at *UNISAct 2018* (Paestum, Italy).
- FLICI, F. and PLANCHET, F. 2017. "Construction of a dynamic life table based on the Algerian retired population mortality experience", Insurance: Mathematics and Economics IME, Vienna (Austria), July 2017.
- FLICI, F. 2016. "Longevity and Life Annuities Reserving in Algeria: Comparison of mortality models", International Actuarial Association – IAALS Conference, Hong Kong, April 2016. (Abstract)
- FLICI, F. 2016. "Coherent Mortality Forecasting for the Algerian Population". SAMOS Conference in Actuarial Sciences and Finance ASF2016, Samos, Greece, May 2016.
- FLICI, F. 2015. "Longevity and Life Annuities Reserving in Algeria: Comparison of mortality models", Longevity 11 Conference, Lyon, France, September 2015.
- FLICI, F. 2014. "Longevity and life annuity reserving in Algeria: the use of multi-components Lee Carter model", East Asian Actuarial Conference EAAC. October 2014. Taipei-Taiwan. Also Presented in Rimini Conference in Economics and Finance RCEF 2014.
- FLICI, F. 2014. "Estimation of the missing life tables in the Algerian mortality Surface (1977-1999) by using the Lee-Carter formula", SMTDA-2014. June 2014, Lisbon. Portugal.
- FLICI, F. and HAMMOUDA, NE. 2014. "Analysis of half-century of mortality evolution in Algeria: 1992 -2012", Middle East Economics Association MEEA Conference. June 2014. Tlemcen (DZ).

## RESEARCH PROJECTS AND STUDIES

### 2019-2020

- Flici, F.; Chinoune, M. and Hammouda, N.E. (2020). "Mortality in Algeria through MICS-VI survey". Technical Report, The Algerian Health Ministry and the UN Funds for Population Activities UNFPA.

Flici, F.; Chinoune, M. and Hammouda, N.E. (2020). *“Chronic-Disease-Free Life Expectancy in Algeria through MICS-VI survey”*. Technical Report. The Algerian Health Ministry and the UN Funds for Population Activities UNFPA.

**September 2015- September 2016**

FLICI, F. 2016. “Mortality projection for the Algerian population by 2030”. In collaboration with the National Committee for population in the framework of the “population projection project” conducted by the Algerian Health Ministry.

**January 2015 – June 2016**

FLICI, F. and HAMMOUDA, NE. 2016. “Mortality Analysis for the Algerian population through the Multi-Indicators Clustery Survey MICS-IV”. For the Algerian Health Ministry and the UN Funds for Population Activities UNFPA.

**May 2014 – December 2015**

“Evaluation of the consistency and efficiency of the Social protection programs in Algeria”. For Algerian prim ministry. Directed by UNICEF – Algeria and assisted by Oxford Policy Management. Missions: Data Collecting, Social Expenditure analysis, and Institutional coordination.

**ACADEMIC SUPERVISING**

Ongoing	• “The Sustainability of the employers retirement scheme in Algeria”, PhD thesis (ENSSEA).
	• “The future of longevity and Health in Algeria”, PhD thesis (ENSSEA).
	• “How poverty affects longevity and Health in Algeria? ”, PhD thesis (ENSSEA).
	• “Modelling survivor’s Benefits in the Algerian pension plan”, PhD thesis (ENSSEA).
2016-18	• “The Algerian Retirement System Sustainability: a Multi-scenarios analysis”, Master Thesis.
	• “Espérance de vie sans maladie chronique en Algérie Etude de Cas : Caisse Nationale des Assurances sociales C.N.A.S”, High School of Social Security (ESSS), Algeria.
	• “Les limites d’une reforme paramétrique du système algérien de retraite face au vieillissement”, Master thesis (ESSS).
2015-16	• “Prospective experience life-tables for the Algerian retired population”, Master thesis in Actuarial Science for Social Security (ESSS).
	• “Static life tables for social security in Algeria”, Master thesis (ESSS), Algiers, Algeria.
2012-14	• “Construction of disability tables for the building sector in Algeria ”. Master thesis in Finance and Actuarial sciences (ENSSEA).
	• "The use of life tables for insurance for Bank credit Insurance", Master thesis in Finance and Actuarial sciences (ENSSEA).
2011-12	• “The impact of the actualizing and specifying life tables on life annuities reserving: the case of Algeria " – Master thesis in Finance and Actuarial sciences (ENSSEA).
	• "Continuous time approach for life annuities reserving". Master thesis in Finance and Actuarial sciences (ENSSEA).

**TRAINING**

- ❑ Participation at “Rostock Retreat” organized by “the Max Plank Institute for Demographic Research MPIDR”, June 2017, Rostock (Germany).
- ❑ Participation at UNISActuarial School, University of Salerno, Italy, 22-25 October 2016.
- ❑ January – June 2015: Visiting researcher at ISFA (Institut de sciences financières et d’assurance-Lyon) Laboratory ‘Sciences Actuarielle et Financiere’.
- ❑ October 2013: Participation at the regional training workshop of ISESCO (Rabat- Morocco): « Visualization and analysis of online surveys data »

OTHER ACTIVITIES

- Member-expert in the National Committee for Population (Algeria).
- Member of the Technical Committee of the “Multi Indicators Clustery Survey MICS -Wave VI (2018)” by UNICEF and National Health Ministry.
- Member of the “Mortality Working Group” of the “IAA” since 2016.
- Member of the Scientific Advisory Board of “[One World Actuarial Research Seminar](#)”.
- Former board member at CREAD from 2014 to 2018.
- Interim Head of the Department of “Human Development and Social Economics” of CREAD from February to April 2020.
- Creating and leading “[The Actuarial Demography Team](#)” at CREAD in January 2018.
- Initiating and organizing a periodic workshop on actuarial sciences (Life) in Algeria starting from January 2016: “Journée d’Actuariat-Vie Algérie (JAVA)”.
- Collaborating a training on “[Data Science for Life and Health Insurance](#)” in Algiers with “[Actuaries Without Borders AWB](#)” in December 2018.

MEDIAS

- “[World Population Ageing: consequences and solutions](#)”, in Experts’ Opinion of DevelopmentAid, March 23, 2020.
- “[Training on Data Science for Life & Health Insurance, CREAD, December 2018 in collaboration with AWB®](#)”, SOA International newsletter, n°77, May 2019, Society of Actuaries, NY (USA).
- [Interview](#) for Actex Learning newsletter – Actuaries around the world, May 2019, NY (USA).
- Le Courier d’Algérie, Juillet 2018, « [Les études de la population sont primordiales dans l’élaboration des politiques publiques](#) »
- Canal Algérie, Juillet 2018, « [Vieillessement de la population Algérienne](#) ».
- Le reporter, Juillet 2016, « [faire face au vieillissement de la population et ses implications socio-économiques](#) ».

QUALIFICATIONS

- Languages: Arabic, French and English.
- Statistical Software: R, Solver, XLSTAT, SEGMENTER.
- Editing Software: Word, Latex, Markdown, Lyx.

HOBBIES

Football, Domino, Literature.

ACADEMIC PLATFORMS & SOCIAL MEDIAS

<a href="#">IDEAS</a>	<a href="#">EconPapers</a>	<a href="#">Repec</a>
<a href="#">ResearchGate</a>	<a href="#">Google Scholar</a>	<a href="#">LinkedIn</a>
<a href="#">Facebook</a>	<a href="#">Twitter</a>	<a href="#">YouTube Channel</a>

Updated on the 31<sup>th</sup> of May 2020