

## Curriculum Vitae

### Pavlos Baltas

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#### Education:

- **PhD in Demography, 2015**, École doctorale Entreprise, économie, société, Université de Bordeaux, France, Name of PhD Supervisor: Christophe Bergouignan.  
Title of Dissertation : *L'évolution de la fécondité en Grèce après 1960 : Spécificités et inflexions récentes.*
- **M.Sc. in Population, Development and Perspectives, 2009**, Université de Bordeaux/University of Thessaly; (ci-joint), France/Greece, Title of Dissertation : *Les Populations des Balkans: Évolutions Démographiques depuis 1950.*
- **M.Sc. in Planning and Regional Development, 2002**, Department of Planning and Regional Development, University of Thessaly, Greece, Title of Dissertation : *The settlement of refugees in Greece (1920-1928) and its impact on urban areas (in Greek).*
- **Diplomate Engineer - Urban and Regional Planning (Eng.), 1999**, Department of Planning and Regional Development, University of Thessaly, Greece. Title of Dissertation : *Kosovo, the demographic evolution of a Balkan region (in Greek).*

#### Current Position:

**Jul 2020 – present, Researcher** at Institute of Social Research (IKE) at Greek National Centre for Social Research (EKKE) , Athens, Greece.

#### Research Experience:

**Jan 2021-Jan 2023, Researcher**, Research Project: *Gender-based and interpersonal violence Survey.* Funded by European Commission – EUROSTAT, PI: A.G.Papadopoulos, Institute of Social Research, National Center for Social Research (EKKE), Greece.

**Dec 2020-Jun 2022, Researcher**, Research Project: *The perspective of a permanent refugees' and immigrants' settlement in Greece revealing the demographic and socio economic consequences and their importance for the Greek society's acceptance (FAIR).* Funded by Hellenic Foundation for Research and Innovation (HFRI), PI: K.Rontos, Professor, Department of Sociology, University of Aegean, Greece.

**Aug 2018 – Jan 2022, Principal investigator**, Research Project: *Estimating seasonal population via night-time satellite images.* Funded by General Secretariat for Research and Technology (GSRT) – Hellenic Foundation for Research and Innovation (HFRI). Laboratory of Spatial Analysis, GIS and Thematic Mapping , University of Thessaly, Greece.

**Oct 2015- Aug 2017, Post-doctoral Fellow**, Greek State Scholarships Foundation -IKY Fellowships of Excellence for Postgraduate Studies in Greece - Laboratory of Spatial Analysis, GIS and Thematic Mapping , Department of Planning and Regional Development, University of Thessaly, Greece.

**Mar 2016- Jun 2016, Research Associate**, \_Department of Statistics, Athens University of Economic and Business, Greece. Research Project: *The Implications of the Recent Economic Crisis on Fertility in Greece.*

**Dec 2015- May 2016, Research Associate**, Laboratory of Demographic and Social Analyses, Department of Planning and Regional Development, University of Thessaly, Greece, Research Project: *The population of Greece in 2050 (Population Projections).*

**Jan 2014- Jun 2014, Research Assistant**, Spatial Analysis, GIS and Thematic Mapping Laboratory, Department of Planning and Regional Development, University of Thessaly, Greece, Research Project: *Spatial analysis of Hellenic first order health services and location-allocation analysis based on population needs.*

**Sep 2012– Aug 2013, Attaché Temporaire d'Enseignement et de Recherche (ATER)**, As a PhD candidate Institut d'Etudes Démographiques, École Entreprise, économie, société, Université de Bordeaux, France.

**Jun 2012– Jul 2012, Invited Researcher**, Institut National d'Etudes Démographiques (INED), France, Research Project: *La fenêtre démographique: opportunité pour les pays de la Méditerranée.*

**Jul 2010– Sep 2011, Research Assistant**, Observatoire Démographique Européen (ODE), Institut National d'Etudes Démographiques (INED), France. Research Project: *Atlas Démographique de la Grèce and Demography of Europe and industrialized countries.*

**Oct 2009– Dec 2009, Research Assistant**, Observatoire Démographique Européen (ODE), Institut National d'Etudes Démographiques (INED), Paris, France. Research Project: *Demography of Europe and industrialized countries.*

**May 2004– Feb 2006, Research Assistant**, School of Rural and Surveying Engineering, National Technical University of Athens, Greece. Research Project: *Bicycle and the Environment. Investigation of the Social, Spatial, Traffic and Institutional Preconditions for the Integration of Cycling in Sustainable Mobility Policies in Greece.*

**Sep 2000- Aug 2001, Research Assistant**, Laboratory of Demographic and Social Analyses, Department of Planning and Regional Development, University of Thessaly, Greece, Research Project: *PANDORA, A Digital Demographic Atlas of Greece.*

### Teaching Experience:

1. Oct 2020- Jan 2021, **Adjunct Lecturer in Research Tools for Social Sciences**, Department of Sociology, University of Aegean, Greece.

2. Sep 2019- Jun 2020, **Adjunct Lecturer**, Department of Geography, University of Aegean

Lessons taught: a) **Multivariate Analysis**, b) **Methods of Regional Analysis**, c) **Regions and Innovation**

3. Feb 2019- Jun 2019, **Adjunct Lecturer in Social Cartography**, School of Spatial Planning and Development, Faculty of Engineering, Aristotle University of Thessaloniki, Greece.

4. Feb 2017- Jun 2017, **Adjunct Lecturer in Spatial Demography**, Department of Planning and Regional Development, University of Thessaly, Greece.

5. Oct 2016- Feb 2017, **Adjunct Lecturer in Statistical Demography**, Department of Statistics, Athens University of Economic and Business, Greece.

6. Feb 2016- Jun 2016, **Adjunct Lecturer in Demography-Demographic Analysis**, Department of Planning and Regional Development, University of Thessaly, Greece.

7. Sep 2012– Aug 2013, **Adjunct Lecturer in Informatique Appliquée**, Institut d'Études Démographiques, École Entreprise, économie, société, Université de Bordeaux, France,

8. Feb 2010– Jun 2010, **Adjunct Lecturer in Population and Demographic Analysis**; Department of Planning and Regional Development, University of Thessaly, Greece.

### Publications

#### Paper (in peer-reviewed journals)

1. **Baltas P.**, Stathakis, D. (under review). Carrying capacity indicators based on seasonal population estimates.

2. Gavalas V., **Baltas P.** (under review) Reproduction in the Archipelago of the Aegean 1920-2016: long term trends and recent upturns. *Journal of Family History*.

3. Papadopoulos GA, Fratsea LM, Spyrellis SN, **Baltas P.** (2021). Exploring Migrant Labour Contribution in Greek agriculture, *REA Italian Review of Agricultural Economics*.

4. Stathakis D., **Baltas P.** (2018). Seasonal population estimates based on night-time lights, *Computers, Environment and Urban Systems*, 68:133-141. <https://doi.org/10.1016/j.compenvurbsys.2017.12.001>

5. Kotzamanis V., **Baltas P.**, Kostaki A., (2017). The Trend of Period Fertility in Greece and Its Changes During the Current Economic Recession. *Population Review*, vol. 56(2):30-48. <https://doi.org/10.1353/prv.2017.0006>.

6. Vlastos, Th., Barbopoulos, N., **Baltas, P.**, (2005). Legislation and policies to promote cycling in Europe. The Greek failures. *Environment & Law* 32 (2): 235-243. [in Greek]

## Books

1. Vlantis N. , **Baltas P.**, (2004), *Επόμενη στάση: χαμένες λεωφόροι, μια περιδιάβαση στην κοσμογονία της ευρωπαϊκής και της αμερικανικής μητρόπολης*, editions Futura, Athens. ISBN:960-7980-89-1 (in greek, a book on the history of the western city and the role of transportation)

## Chapter in Books

1. **Baltas P.**, & Gavalas, V., (2016). Population Reproduction (fertility). in V. Gavalas (Ed.), *The World we have Gained, Population Geography of modern Greece*. Volos, University of Thessaly Press [in Greek]

## Conferences presentations

1. Stathakis D., Liakos L., Tselios V., **Baltas P.** (2021), Night Light as an indicator of the pandemic's impact on economic activity in touristic areas. *ERSA 60<sup>th</sup> Congress, Territorial Futures – Visions and scenarios to cope with megatrends in a changing Europe*, 24 – 27 August 2021, Bolzano-Bozen, Italy
2. Stathakis D., Liakos L., **Baltas P.** (2021) Covid-19 pandemic assessment by night-lights, *IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*, 12-16 June 2021, Brussels.
3. **Μπαλτάς Π.**, Σταθάκης Δ., Λιάκος Λ. (2021), Μεγάλα Δεδομένα, Ανθρωπογεωγραφία και Χωρικός Σχεδιασμός: Διερεύνηση του πεδίου εφαρμογών, *Επιστημονικό Συνέδριο Γεωγραφίας «Η Γεωγραφία σε έναν κόσμο που αλλάζει»*, 3-5 Ιουνίου 2021, Μυτιλήνη, Λέσβος
4. **Baltas P.** (2020), Fertility, Childlessness and Family Size in Greece: A Cohort Perspective, *International Conference on Family and Fertility, Virtual conference, 3-5 December 2020, organized by the Panel on Family Behaviour in East Asia and Southern Europe, International Union for the Scientific Study of Population (IUSSP)*.
5. **Μπαλτάς Π.**, Παπαδόπουλος Γ.Α., Σταθάκης Δ. (2020), Χωρικές Διαφοροποιήσεις της Διαγενεακής Γονιμότητας στην Ελλάδα, 11ο Πανελλήνιο Συνέδριο Hellas Gis, 18, 19 & 20 Νοεμβρίου 2020 (διαδουκτικά), Ελληνική Εταιρεία Γεωγραφικών Συστημάτων Πληροφοριών (HellasGIs).
6. **Baltas P.** (2020), Spatial Variations of Cohort Fertility, Parity ratios and Childlessness in Greece, *Annual Conference of British Society for Population Studies (BSPS)*, 15-16 September 2020, organised by London School of Economics (LSE), *The conference will be held virtual because of restrictions on movement & gatherings*
7. Gavalas V., **Baltas P.** (2020), Reproduction in the Archipelago of the Aegean 1920-2016: Long-term Trends and Recent Upturns, *European Social Science History Conference, ESSHC 2020*, 18-21 March, Leiden, Netherlands.
8. **Baltas P.**, Stathakis D., Liakos L. (2019), Exploiting Social Media Data to Estimate Monthly Fluctuations of Seasonal Population in Island Regions of Greece, *59th ERSA congress, “Cities, regions and digital transformations: Opportunities, risks and challenges”*, Lyon, France.
9. Stathakis D., **Baltas P.**, Liakos, L. (2019), Preprocessing very high temporal resolution night-lights data for noise removal, *39th Annual EARSeL Symposium, 1-4 July 2019, Salzburg, Austria*.
10. **Baltas P.**, Liakos L. (2019), Changing Landscapes: Population growth and land cover change of Greek Coastal Cities and Agglomerations over the last 20 years, *4th International Conference on “CHANGING CITIES: Spatial, Design, Landscape & Socio-economic Dimensions”*, Chania, Crete Island, Greece, 24-29 June 2019.
11. **Baltas P.**, Liakos L. (2019), Coastal Cities Spatial Metrics : A new landscape monitoring indicator based on seasonal population estimates, *4th International Conference on “CHANGING CITIES: Spatial, Design, Landscape & Socio-economic Dimensions”*, Chania, Crete Island, Greece, 24-29 June 2019.
12. Γαβαλάς Β., **Μπαλτάς Π.** (2019) Η αναπαραγωγή του πληθυσμού στο Αρχιπέλαγος του Αιγαίου 1920-2016: Μακροχρόνιες τάσεις και πρόσφατες ανατροπές στους δείκτες γονιμότητας. 2ο Συνέδριο «Οι Κοινωνικές Επιστήμες σήμερα. Διλήμματα και προοπτικές πέρα από την κρίση», 06-09 Ιουνίου 2019, Πανεπιστήμιο Αιγαίου, Μυτιλήνη.
13. Stathakis D., **Baltas P.** (2017) Method to Estimate the Seasonality Coefficient Based on Nightlights, *37th EARSeL Symposium: Smart Future with Remote Sensing*, Prague, 27-30 June 2017.
14. Ζαφείρης Κ.Ν., **Μπαλτάς Π.** (2017), Η ανάλυση των κύριων συνιστωσών (principal component analysis) ως εργαλείο για τη δημογραφική έρευνα: εφαρμογές στην Ελλάδα της οικονομικής κρίσης, *“Οι Δημογραφικές*

εξελιξεις στην Ελλάδα της οικονομικής κρίσης", Συνέδριο του Δημοκρίτειου Πανεπιστημίου Θράκης , Κομοτηνη, 6-8 Οκτωβρίου 2017.

15. **Baltas P.**, Kotzamanis B., Kostaki A., (2016), Recent Economic Recession and Fertility Change in Southern Europe. , *International Young Researchers' Conference: The impacts and challenges of demographic change*, INED, iPOPs LABex, Paris, 22-23/09/2016

16. Kostaki A. , Kotzamanis B., **Baltas P.** (2016), Economic recessions and fertility in the developed world: The Greek case, *European Population Conference 2016*, Mainz 1/9/2016.

17. Kostaki A., Kotzamanis B., **Baltas P.** (2016) Recent Economic Crisis and Fertility in Greece , *PAA 2016 Annual Meeting*, Washington, D. C., 2016.

18. **Baltas P.**, Kotzamanis V., Kostaki A. (2016) , The implications of the recent economic crisis on fertility in Greece ; *7thn Demographic Conference of Young Demographers* in Prague, the Czech Republic 11th and 12th February 2016.

19. **Baltas, P.**, Kotzamanis, V. (2015). La fécondité en Grèce de l'après-guerre, tendances lourdes et ruptures. Paper presented at *The Population of the Balkans at the dawn of the 21st century, Fifth International Conference of Balkans demography*, Ohrid, Former Yugoslav Republic of Macedonia. [in French]

20. **Baltas, P.**, Kotzamanis, V.(2015). Reproduction of women in post-war Greece, long-term trends and recent reversals. Paper presented at *4th National Conference of Planning and Regional Development*, University of Thessaly, Volos, Greece. [in Greek]

21. **Baltas P.** (2011), La démographie des Balkans : tendances lourdes, L'Union européenne et la fracture balkanique, *Séminaire de valorisation de la recherche*, INED, Salle Alfred Sauvy, Paris 4/10/2011 [in French]

22. Σταθάκης Δ., Περάκης Κ., **Μπαλτάς Π.**, Φαρασλής Ι. (2010), Εκτατική Παρεμβολή βάσει χρήσεων γης, 6ο Πανελλήνιο Συνέδριο της Ελληνικής Εταιρείας Γεωγραφικών Συστημάτων Πληροφοριών, Εθνικό Μετσόβιο Πολυτεχνείο, Πολυτεχνειούπολη Ζωγράφου, 2 και 3 Δεκεμβρίου 2010. [in Greek]

23. Barbopoulos N., **Baltas P.**, Chiotis Th. (2005), The archetypal road-myth: from the highway to the Matrix, *4th annual Conference "The Work of Stories"*, 6-8 May 2005, M.I.T., Boston, USA.

24. Barbopoulos N., **Baltas P.**, Milakis D. (2005), The impacts of rail transit on urban sprawl and mobility of the western city from late nineteenth century to the Second World War. The case of London and Los Angeles, *Third International Conference on the History of Transport, Traffic and Mobility Tourism and the History of Transport, Traffic and Mobility*, National Railway Museum, 6-9 October 2005, York, United Kingdom.

### Discussion Papers

1. **Baltas P.** (2013), Postponement replacement and childlessness, three emergent phenomena in the evolution of fertility in Greece: a first approach, *LDSA Discussion Paper Series No12*, ISSN: 1790-9325, [in Greek]

### Scientific Newsletter

1. **Baltas, P.** (2014). *Childlessness and Family size in Greece: a cohort approach*. Demonews, 22 [in Greek] ISSN:1791-5880[http://www.demography-lab.prd.uth.gr/DemoNews/DEMONEWS\\_22\\_BALTAS.pdf](http://www.demography-lab.prd.uth.gr/DemoNews/DEMONEWS_22_BALTAS.pdf)

2. **Baltas, P.** (2010). *The demography of the Balkans*, Demonews, vol. March – April [in Greek] ISSN: 1791-5880 [http://www.demography-lab.prd.uth.gr/DemoNews/demonews\\_2010\\_03\\_04.pdf](http://www.demography-lab.prd.uth.gr/DemoNews/demonews_2010_03_04.pdf)

### Scientific Reports

1. Kotzamanis B., Bergouignan Ch., Kostaki A., Zafiris K., **Baltas P.** (2016). *The population of Greece in 2050, population projections of the resident population, the population in the education system and the economically active population*, Second Report, Research program ,DiaNEOsis. [in Greek]

### IT skills

-Data analysis and data visualisation in **R**, GIS Software (**Qgis**), Linux applications (**Ubuntu 20.04 LTS**, **Libre Office**, **GIMP**, **InkScape**) Microsoft Office (**Word,Excel,PowerPoint,Visio**).

### Experience as evaluator and rapporteur for research projects :

-European Commission - REA-MSCA-H2020-IF.

### Languages

**English** Listening: C1; Reading: C1; Writing: C1; Speaking: B2;

**French** Listening: C1; Reading: C1; Writing: B2; Speaking: B2;

**Greek** Listening: C2; Reading: C2; Writing: C2; Speaking: C2;

### Research Funding and Fellowships

<b>Position</b>	<b>Title:</b>	<b>Funded by:</b>	<b>Duration:</b>	<b>Amount:</b>
Principal investigator- Postdoctoral researcher	Postdoctoral research funding	Hellenic Foundation for Research and Innovation (HFRI)	2018-2021	150.000 €
Postdoctoral researcher	Postdoctoral Research Fellowship	Greek State Scholarships Foundation	2015-2017	30.500 €
PhD Student	PhD student grant	French Government - Grant «VRIka!»	Move to University of Bordeaux, France. Nov 2009-Jan 2010	3.000 €
Graduate Student	Mobility Scholarship Socrates / Erasmus programme	Greek State Scholarships Foundation,	Move to the Université Catholique de Louvain, Belgium. June 2001- Sep 2001	Aprox. 2000 €