

Ankinée Kirakozian

Associate Professor in Economics

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Birth date : 14 June 1986 – Citizenship : French



Current position

Associate professor

École Nationale Supérieure des MINES de Nancy (Université de Lorraine)

Since Sept. 2020

Former positions

IDP - Université Polytechnique Hauts-de-France (UPHF)

Post-doctoral research fellow

2017 – 2020

Centre de Mathématiques Appliquées (CMA) - MINES ParisTech, Université PSL

Post-doctoral research fellow

2016 – 2017

Université Nice Sophia Antipolis

Research and teaching assistant (ATER)

2015 – 2016

Université de Savoie Mont Blanc

Research and teaching assistant (ATER)

2014 – 2015

Université Nice Sophia Antipolis

Teaching Assistant

2011 – 2014

Université Nice Sophia Antipolis

Doctoral Grant

2011 – 2014

Education

Université Nice Sophia Antipolis

PhD in Economics

October 2010 – June 2015

PhD thesis title: “Three essays in waste economics : individual behavior and public policy”

PhD Committee: Olivier Beaumais (Referee, Univ. of Rouen), Christophe Charlier (Supervisor, Univ. Nice Sophia Antipolis), Mouez Fodha (Referee, Univ. Paris 1 Panthéon-Sorbonne), Michel Rainelli (Chair, Univ. Nice Sophia Antipolis).

Université Nice Sophia Antipolis

Research Master, International Economics and Financial Strategy

2008 – 2010

Master 1 thesis: Environmental Global Governance : challenges and practical arrangements for implementation, supervised by Michel Rainelli

Master 2 thesis: Household waste management : theoretical issues and econometric illustration in the case of the Nice Côte d’Azur Urban Community, supervised by Christophe Charlier

Research fields






- Environmental economics
- Behavioral economics
- Public policy
- Socio-psycho-economics determinants
- Recycling and Waste
- Energy
- Pro-environmental behaviors
- Transport

Methodologies



- Applied Economics (Survey, Laboratory experiment, Field experiment)
- Theoretical Economics (Modelization with agent-based simulation)

Research papers


Publications:

-  "The determinants of household recycling : social influence, public policies and environmental preferences", *Applied Economics* 48(16), 2016, p.1481-1503.
-  "One without the other? Behavioural and Incentive policies for Household Waste Management", *Journal of Economic Surveys* 30(3), 2016, p. 526-551.
-  "Public policies for households recycling when reputation matters" with Christophe Charlier, *Journal of Evolutionary Economics*, 2019.
-  "Menacer, sanctionner ou conseiller? Pro-sociaux vs individualistes : quels leviers incitatifs pour quels individus?" with Agnès Festré and Mira Toumi, *Revue économique* - vol. 70 (6), 2019, p. 1125-1138.
-  "Under pressure! Nudging electricity consumption within firms. Feedback from a field experiment" with Christophe Charlier, Gilles Guerassimoff and Sandrine Selosse, *Energy Journal*.

Working papers:

-  "The pen might be mightier than the sword : How third-party advice or sanction impact on pro-environmental behavior" with Agnès Festré, Pierre Garrouste and Mira Toumi
-  " Good vs. bad sorters : do they have the same determinants of selective sorting adoption? " with Nabila Arfaoui, Lissette Ibanez and Sébastien Roussel

Coordination of book publication :

-  "Transition énergétique : les déchets ne sont pas en reste. Concept, applications et enjeux de la valorisation énergétique des déchets", Ankinée Kirakozian and Gilles Guerassimoff, Presses des Mines, 2018.

Research projects

1. "Measuring nudges' efficacy on energy consumption : a field experiment in companies"
 - **Project co-designer** : C. Charlier and A. Kirakozian.
 - **Project leader** : C. Charlier.
 - **Funding** : Project supported by the French government, through the *UCA^{JEDI}* Investments in the Future project managed by the National Research Agency (ANR) with reference number ANR-15-IDEX-01
 - **Project amount** : 10 000€

→ This project measures the relevance of three different types of nudges on the energy consumption of employees in fifty companies. We used the results to analyze which nudges the effectiveness of different nudges on employees energy consumption. The field trial lasted for 12 weeks. This work is under review in Energy Journal.

2. "Sustainable and inclusive mobility" (Ongoing project)
 - **Project designer** : S. Lambrecht
 - **Project leader** : S. Lambrecht
 - **Funding** : Contrat Plan Etat-Région ELSAT 2020

→ This project studies the determinants of mobility choice. We built a database from a regional mobility survey to identify commuting choices of households. This database was completed by remotely interrogating a server which calculates the routes, the time associated with each route, the cost and the pollution associated with it. The database is now constructed and we are in the phase of analyzing the data.

3. "Sustainable mobility on 'home to work' commuting : nudges vs. financial incentive, a field experiment in Hauts-de-France companies". (Ongoing project)
 - **Project designer** : A. Kirakozian
 - **Project leader** : A. Fournier
 - **Funding** : AAP régional HdF - STIMULE (In progress)
 - **Project amount** : 400 000€

→ This project aims to measure the effect of different programs (financial incentive - reward- vs. non-financial incentive - nudge-) on the choice of an alternative transport mode to the car. The field experiment will be conducted with a hundred companies from Hauts-de-France region and public bodies for 14 months. The aim is to test the effect of these public policies on modal choices. We plan to build two survey. An ex-ante to identify employees' preferences before participating to the experiment and one ex-post to analyze changes in behaviors once the policy has been implemented. The experiment starts on March 1, 2020.

More information : 

Teaching experience

MINES Nancy – Université de Lorraine

Lectures/Tutorials

Since 2020

General Economics (1A), Environmental economics (2A), Policy Economics (2A)

SciencesPo - Campus Nancy

Lectures

2020 – 2021

Environmental economics and sustainable development

IDP – UPHF

Lectures

2018 – 2020

Behavioral and experimental economics (Master 1)

CMA – MINES ParisTech Sophia <i>Lectures</i> Waste economics (specialization year of Master)	2016 – 2017
ISEM – UNS <i>Tutorials</i> Microeconomics (Bachelor 1)	2015 – 2016
IAE – Université Savoie Mont-Blanc <i>Tutorials</i> Macroeconomics (Bachelor 1), Public economic (Bachelor 3), Macroeconomics (Bachelor 2)	2014 – 2015
ISEM – UNS <i>Tutorials</i> Macroeconomics (Bachelor 1), Microeconomics (Bachelor 1)	2011 – 2014
SKEMA – Sophia Antipolis <i>Lectures</i> Economy of strategy (Master 1)	2010 – 2011

Administrative and scientific activities

- **Organization of conferences**
 - Member of the Organizing Committee for the 30th Journées de Microéconomie Appliqué, UNS, Nice, 6-7 June 2013
 - Member of the Organizing Committee for the 66th Annual Meeting of the French Economic Association, UNS, Nice, 19-21 June 2017
- **Head of the tutorials teaching team**
 - Distribution to tutorials in Bachelor and Master 1, (2012-2013 / 2013-2014 / 2015-2016)
- **Responsible for the year project ‘Energy recovery from waste’ of ‘Optimisation des Systèmes Énergétiques’ (OSE) master**
 - Organization of a workshop at the University of Berkeley (March 6, 2017)
 - Organization of the end of study trip to California (March 4-13, 2017)
 - Coordination of a book published in Presses des MINES
- **Supervision of professional dissertations**
- **Assistant to the organization of economic’s seminars of IDP at UPHF since 2018**

Conferences and seminars

“Under pressure! Nudging electricity consumption within firms. Feedback from a field experiment”:

- 3rd Smart and sustainable cities conference, Université Catholique de Lille (Lille, France, May 2021)
- Environmental economics seminars of LAMETA, Université de Montpellier (Montpellier, France, Sept.2017)
- 21th Conference of International Federation of Operational Research Societies (Quebec, Canada, July 2017)
- 6th World Congress of Environmental and Resource Economists, (Göteborg, Sweden, June 2018)

“The pen might be mightier than the sword : How third-party advice or sanction impact on pro-environmental behavior”:

- 4th Annual Conference of the French Association of Environmental and Resource Economists, (Nancy, France, Sept. 2017)
- 21th Conference of International Federation of Operational Research Societies, (Quebec, Canada, July 2017)
- 23rd Annual Conference of the European Association of Environmental and Resource Economists, (Athens, Greece, June 2017)
- 66th Annual Meeting of the French Economic Association, (Nice, June 2017)
- The 8th International Conference of the French Association of Experimental Economics, (Rennes, France, June 2017)
- CMA Seminars, MINES ParisTech (Sophia Antipolis, France, June 2016)
- *Friday Meeting* of behavioral economics (Nice, France, May 2016)

“Just tell me what my neighbors do! Public Policies for households recycling”:

- IDP Seminars, Université Polytechnique Hauts-de-France (Valenciennes, France, June 2017)
- CMA Seminars, MINES ParisTech (Sophia Antipolis, France, June 2016)
- Environmental and resource economics seminar of Paris School of Economics (Paris, France, March 2016)
- GREDEG Seminars, Université Nice Sophia Antipolis (Sophia Antipolis, France, January 2016)
- 2nd Annual Conference of the French Association of Environmental and Resource Economists, (Toulouse, France, Sept. 2015)
- 21th Annual Conference of the European Association of Environmental and Resource Economists, (Helsinki, Finland, June 2015)
- 20th Workshop on the Economic Science with Heterogeneous Interacting Agents, (Sophia Antipolis, France, May 2015)
- 3rd thematic day of FAERE : Sustainable development of territories, (Toulon, France, April 2015)

“The determinants of household recycling : social influence, public policies and environmental preferences”:

- CMA Seminars, MINES ParisTech (Sophia Antipolis, France, June 2016)
- 5th World Congress of Environmental and Resource Economists, (Istanbul, Turkey, June 2014),
- 63rd Annual Meeting of the French Economic Association, (Lyon, France, June 2014)
- Prevention and Sustainable Waste Management International Conference, (Le Mans, France, Nov. 2012)
- GREDEG Seminars, Université Nice Sophia Antipolis (Sophia Antipolis, France, 2013)

Referee activities

Ecological Economic ; Journal of Environmental Economics and Policy ; International Environmental Agreements : Politics, Law and Economics ; Resources, Conservation & Recycling, Waste Management ; Journal of Evolutionary Economics

Professional affiliations

- European Association of Environmental and Resource Economists (EAERE)
- French Association of Environmental and Resource Economists (FAERE)
- French Economic Association (AFSE)

Languages and computer skills

Languages: English, French, Armenian

Softwares: STATA, SAS, SPSS, Latex, Netlogo, Mathematica, Ztree, Limesurvey, Typeform

References

PhD supervisor and Referee of PhD defense:

Christophe Charlier

Professor,

Université Côte d’Azur,

✉ Christophe.Charlier@unice.fr

Olivier Beaumais,

Professor,

Université de Rouen,

✉ olivier.beaumais@univ-rouen.fr

Mouez Fodha,

Professor,

Université Paris 1 Panthéon Sorbonne,

✉ Mouez.Fodha@univ-paris1.fr

The head of different research center (Post-doctoral research fellow):

Research lab between Sept. 2016- Août 2017

Nadia Maizi,

Professor, CMA Center Director

MINES ParisTech,

✉ nadia.maizi@mines-paristech.fr

Research lab between Sept. 2017- Août 2020

Stéphane Lambrecht,

Professor, CRISS Center Director

UPHF,

✉ Stephane.Lambrecht@uphf.fr