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CONTACT INFORMATION	Yıldız Teknik Üniversitesi, Davutpaşa Kampüsü İktisadi ve İdari Bilimler Fakültesi, İktisat Bölümü, G2-101 34210 Esenler, İstanbul, TURKEY	Tel: +90(0)212 3836811   Fax: +90(0)212 3836712   E-mail: mailbox@tuncdurmaz.com   WWW: tuncdurmaz.com
PERSONAL	Date of birth: Nov 4, 1981 Marital status: Married, one child Citizenship: Turkish	
RESEARCH INTERESTS	Economics of Climate change, Technological Change and Green Growth, Economics of Electricity, Economics of Carbon Capture and Storage, Economics of Risk and Uncertainty	
EDUCATION	<b>Norwegian School of Economics (NHH)</b> , Bergen, Norway <b>Ph.D</b> (November 2015), <b>Supervisor:</b> Fred Schroyen (NHH) <b>Dissertation:</b> Essays in Energy, Environment and Technology <b>Defense Committee:</b> Snorre Kverndokk (Frisch Centre), Linda Nøstbakken (NHH), Cees Withagen (VU University Amsterdam) <b>University of Southern California (USC)</b> , USA, <b>M.A.</b> , Economics, May 2009 <b>Marmara University</b> , İstanbul, Turkey, <b>M.A.</b> , Economics, Jul 2007 <b>Dokuz Eylül University</b> , İzmir, Turkey, <b>B.S.</b> , Economics (En.), June 2003	
WORK EXPERIENCE	<b>Associate Professor, Yıldız Technical University (YTU)</b> , Department of Economics, Nov 2020 - to date, İstanbul, Turkey <b>Assistant Professor, Yıldız Technical University (YTU)</b> , Department of Economics, Sep 2016 - Nov 2020, İstanbul, Turkey <b>Short-term Consultant</b> , International Finance Corporation (IFC) - World Bank, Mar - Jun 2020, Washington, D.C., USA <b>Postdoctoral Fellow, City University of Hong Kong</b> , School of Energy and Environment, Aug 2015 - Aug 2016, Hong Kong SAR <b>Research Scholar, YTU</b> , Department of Economics, Oct 2013 - Jul 2015, İstanbul, Turkey <b>Visiting Fellow, Toulouse School of Economics</b> , Sep 2012 - Mar 2013, Toulouse, France <b>Graduate Assistant, USC</b> , Department of Economics, Aug 2007 - Dec 2008, Los Angeles, CA, USA <b>Research-Teaching Assistant, YTU</b> , Department of Economics, Nov 2005 - Jul 2007, İstanbul, Turkey <b>Intern, Robert Bosch GmbH</b> , Logistics Department, Sep 2003 - Mar 2004, Salzgitter, Germany	
PUBLICATIONS	<b>Evaluating Carbon Capture and Storage in a Climate Model with Endogenous Technical Change</b> (with Fred Schroyen), <i>Climate Change Economics</i> , Vol.11, 2020 <b>Estimation of Residential Electricity Demand in Hong Kong under Electricity Charge Subsidies</b> (with Aude Pommeret and Huseyin Tastan), <i>Energy Economics</i> , Vol. 88, May 2020, 104742 <b>Levelized Cost of Consumed Electricity</b> (with Aude Pommeret), <i>Economics of Energy &amp; Environmental Policy</i> , Vol.9, No.1, 2020 <b>Smart Grids and Renewable Electricity Generation by Households</b> (with Aude Pommeret and Prudence Dato), <i>Energy Economics</i> , Vol.86, Feb 2020, 104511 <b>A two-sector model of economic growth with endogenous technical change and pollution abatement</b> (with Jean-Pierre Amigues), <i>Environmental Modeling &amp; Assessment</i> , Vol. 24 (6), pp 703-725 <b>Intermittent renewable electricity generation with smart grids</b> (with Prudence Dato and Aude Pommeret) in <i>Climate and Energy protection in the EU and China</i> . Springer-Verlag, 2019 <b>Environmental Catastrophes and Deep Uncertainties Surrounding the Economics of Climate Change in Environment and Sustainability</b> . Peter Lang, 2019	

- The Economics of CCS: Why have CCS technologies not had an international breakthrough?, Renewable & Sustainable Energy Reviews, Vol.95, pp.328-340, 2018
- Are households ready to pay for solar panels and smart grids? (with Aude Pommeret), IAEE Energy Forum, 1st Quarter, pp. 25-28, 2018
- Non-Cooperative Duopoly Games under Uncertainty of Discount Rates in Firms' Strategic Decisions Theoretical and Empirical Findings Vol. 3. Bentham Science (2018).
- Optimal storage under uncertainty: investigating the implications of frugality and prudence, Economics Bulletin, Vol. 37, Issue 3, pp.1624-1629, 2017
- Strategic Dynamic Climate Policy: The Role of CCS, Journal of Management and Economics Research, Vol.15, pp.212-228, 2017
- WORKS IN PROGRESS**
- Electricity Generation Failures and the Capacity Remuneration Mechanism in Turkey (with Sevil Acar Aytekin and Simay Kizilkaya), 2020
- Feed-in tariff policy in Hong Kong: is it efficient? (with Aude Pommeret and Prudence Dato), 2020
- Moderate economic inequality boosts AI (with Burak Ünveren), 2020
- Willingness to pay for solar panels and smart grids (with Aude Pommeret and Ian Ridley), Nota di Lavoro 24.2017, Milan, Italy: Fondazione Eni Enrico Mattei
- Precautionary Storage in Electricity Markets. FAERE Working Paper, 2016.07
- RESEARCH PROJECTS**
- 2019:** Turkish Capacity Remuneration Mechanism: An evaluation based on economics, environment, and energy security. Principal Investigator: Tunç Durmaz
- 2015:** General Research Fund (GRF) in Hong Kong, Irreversible decisions and thresholds under specific uncertainty: Designing the energy source mix for electricity generation. Principal Investigator: Aude Pommeret
- 2013-2014:** Center for Sustainable Energy Studies (CenSES) project, Research Area 3: Economic Analysis. Principal Investigator: Gunnar Eskeland
- REFEREING**
- The Economic Journal; The Energy Journal; Resource and Energy Economics; Scandinavian Journal of Economics; Review of Industrial Organization; Energy Economics; Energy; Economics Bulletin; Environmental Modeling and Assessment; City and Environment Interactions; Natural Resource Modeling
- LECTURES, CONFERENCES, AND SEMINARS**
- 2020:** Scientific Solar Summer School, Plenary Lecture: Solar and Economy, Oct 21, Bourget-du-Lac, France (*invited*); 4th Annual Conference on Social Sciences (AICCS 2020), 10-11 Sep (presenter), Istanbul, Turkey
- 2019:** 2019 Asset Conference, Oct 25-27, Athens, Greece; World Energy Strategies Congress and Exhibition (WESCE), Aug 27 Istanbul, Turkey (*invited*); European Association of Environmental and Resource Economists (EAERE) 24rd Annual Conference, 26-29 Jun (presenter), Manchester, UK; Lunch Seminar, SCCER Competence Center for Research in Energy, Society and Transition (CREST), University of Basel, Feb 8, Basel, Switzerland (*invited*)
- 2018:** International Conference on Economics Turkish Economic Association - ICE-TEA 2018, 1-3 Nov (presenter), Antalya, Turkey
- 2017:** 4th FAERE Annual Conference, 12-13 Septembre, Nancy; EAERE 23rd Annual Conference, 28 Jun-01 Jul (presenter), Athens, Greece; EconAnadolu 2017, 11 - 13 May, Eskisehir, Turquie; 3rd International Conference on Applied Economics and Finance (ICOAEF 2017), 6 - 7 Decembre, Kyrenia, Cyprus
- 2016:** The 65th Annual Meeting of the French Economic Association, 27-29 June (presenter), Nancy, France; European Association of Environmental and Resource Economists (EAERE) 22st Annual Conference, 22-25 Jun (presenter and discussant), Zurich, Siwtzerland; The 39th International Association for Energy Economics (IAEE) International Conference, 19 - 22 June (presenter), Bergen, Norway; Rokko Forum, Graduate School of Economics, Kobe University, 8 Jun, Kobe, Japan (*invited*)
- 2015:** 10th Conference on The Economics of Energy and Climate Change, 8-9 Sep, Toulouse, France (*invited*); EAERE 21st Annual Conference, 24 - 27 Jun (presenter and discussant), Helsinki, Finland; Bergen Economics of Energy and Environment Research Conference 2015 (BEEER 2015), 4-5 May (presenter and discussant), Bergen, Norway; The 38th IAEE International Conference, 25 - 27 May (presenter), Antalya, Turkey

**2014:** 5th World Congress of Environmental and Resource Economists, 28 Jun - 02 Jul (presenter and discussant) Istanbul, Turkey; The 37th IAEE International Conference, Special PhD Session, 15 - 18 Jun (presenter), New York City, New York; BEEER 2014, 12-13 May (presenter and discussant), Bergen, Norway; The 36th Annual Meeting of the Norwegian Association of Economists, 6-7 Jan (presenter and discussant), Oslo, Norway; FIBE 2014, 9-10 Jan (presenter), Bergen, Norway

**2013:** EAERE 20th Annual Conference, 26 - 29 Jun (presenter and discussant), Toulouse, France; BEEER 2013, 13-14 May (presenter and discussant), Bergen, Norway; The Economics of Energy Markets, 17-18 Jan (discussant), Toulouse, France (*invited*)

**2012:** BEEER 2012, 15-16 May (presenter and discussant), Bergen, Norway; Nordic Workshop in Industrial Organization, NORIO VIII, 8-9 June (presenter), Copenhagen, Denmark

**2011:** Research Conference: Energy and the Environment, 20-21 Jan (presenter), Bergen, Norway

TEACHING AND  
ADMINISTRATIVE  
EXPERIENCE

**YTU, Department of Economics**

**Assistant Professor**

Courses: Environmental Economics (Master's level); Energy and natural resource economics; Microeconomics; Principles of economics; Introduction to environmental economics; The economics of regulation and competition; Introductory computer science

**Erasmus+ Departmental Coordinator (2017-2020)**

**NHH, Department of Economics**

**Teaching Assistant**

Courses: Optimization and Microeconomic Theory; Petroleum Economics; Growth and Architecture of Financial Systems

**USC, Department of Economics**

**Teaching Assistant**

Courses: Principles of Microeconomics; Principles of Macroeconomics

**YTU, Department of Economics**

**Teaching Assistant**

Courses: Mathematics for Economists I-II

HONORS AND  
AWARDS

Erasmus+ Staff Mobility for Teaching Grant, IAE Savoie Mont Blanc, Annecy, France, Feb 2019

University Award, Publication Score, Yildiz Technical University, 2018

Best Paper Award: Ecological Economics, 3rd International Conference on Applied Economics and Finance, Dec 2017

Graduate Assistantship, Department of Economics, NHH, 2009-2013

Norges Bank Fund for Economics Research, 2012

Professor Wilhelm Keilhaus Memorial Fund for Economic Scientific Research, 2012

Graduate Assistantship, Department of Economics, USC, 2007-2008

COMPUTER  
SKILLS

**Modelling Languages and Applications**

Matlab, GAMS, Stata, Mathematica, L<sup>A</sup>T<sub>E</sub>X, SAP, HTML,

LANGUAGE  
SKILLS

Turkish (native), English (fluent), Norwegian (advanced—Test i norsk/høyere nivå), German (advanced), Swedish (intermediate), French (pre-intermediate)

REFERENCES

**Fred Schroyen**, Professor

Norwegian School of Economics

E-mail: fred.schroyen@nhh.no

Phone: +47(0)55959583

**Gunnar S. Eskeland**, Professor

Norwegian School of Economics

E-mail: Gunnar.Eskeland@nhh.no

Phone: +47(0)55959699

**Aude Pommeret**, Professor

IREGE, Université Savoie Mont Blanc  
E-mail: [aude.pommeret@univ-smb.fr](mailto:aude.pommeret@univ-smb.fr)  
Phone: +33(0)450092440

**Jean-Pierre Amigues**, Professor  
Toulouse School of Economics  
E-mail: [jean-pierre.amigues@inra.fr](mailto:jean-pierre.amigues@inra.fr)  
Phone: +33(0)561128519