

# Marinella DAVIDE

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## Professional experience

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<b>February 2020 - ongoing</b>	<b>Harvard University and Ca' Foscari University</b> Marie Skłodowska-Curie Post-doctoral Fellow
Research focus	Climate policy evaluation, distributional impacts of energy prices
Main projects	ACTION – Assessing Climate Transition Options: Policy vs Impacts
<b>April 2018 - January 2020</b>	<b>Ca' Foscari University - Venice, Italy</b> Post-doctoral Fellow, Department of Economics
Research focus	Energy use for adaptation in the NDCs and Paris Agreement, Energy use in Brazil, India, Indonesia and Mexico using household consumption surveys.
Main projects	ENERGYA - Energy use for Adaptation
<b>Jan 2018 - ongoing</b>	<b>Euro-Mediterranean Center on Climate Change@Ca' Foscari - Venice, Italy</b> Affiliated Scientist, Economic analysis of Climate Impacts and Policy Division (ECIP)
Research focus	Climate change and energy policies, UNFCCC negotiations, Paris Agreement.
Main projects	Energy use for adaptation in the NDCs, mitigation and adaptation policies
<b>Jan. 2010 – Dec. 2017</b>	<b>Fondazione Eni Enrico Mattei (FEEM), Venice, Italy</b> Policy Analyst, Initiative on Climate Change policy and Governance (ICCG)
Research focus	UNFCCC negotiations; climate-energy policies; energy poverty, market-based instruments; EU climate-energy package 2020 and 2030;
Main projects	ICCG: research on climate governance, editor in chief of climate policy related publications and the observatory “Climate Policy Observer”, participation to COPs, coverage and analysis of UNFCCC debate and documents; CliMiP: relationship between climate policies and poverty reduction, energy poverty in Indonesia, Mexico, South Africa, Thailand and the EU. VISION RD4SD: VISION for R&D for Sustainable Development in Europe
<b>August 2016 – Jan. 2017</b>	<b>Belfer Center for Science and International Affairs, John F. Kennedy School of Government, Harvard University, USA.</b> Giorgio Ruffolo pre-doctoral Fellow in Sustainability Science
Research focus	International Climate Change Policy, Sustainable Development, Decarbonizing Energy Sector in Europe (Supervisors: Prof. Henry Lee and Robert Stavins)

**June 2009 - Dec. 2015**     **Euro-Mediterranean Center on Climate Change (CMCC) - Venice, Italy**  
 Scientist/Senior Scientific Manager

Research focus     Climate and energy regulation, adaptation policies in EU and Italy.

Main projects     EuropeAid EC2 Project: development of EU-Chinese energy policies database;  
 SNAC: support to the process for the definition of the Italian Adaptation Strategy, consultancy to the Italian Ministry for the Environment.

## Education

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**Feb. 2018**     **PhD, *Science and Management of Climate Change Program***  
 Department of Economics, Ca' Foscari University, Venice, Italy

Supervisor     Prof. Carlo Carraro

Dissertation     "The Equity and Development Dimensions in the Paris Agreement: assessment and policy responses".

**Dec. 2017**     **MPhil, *Science and Management of Climate Change***  
 Ca' Foscari University, Venice, Italy

Subjects     Environmental Economics, Quantitative Methods for Climate Change, Dynamics of Complex Systems, Natural Resources Management, Analysis and Modeling of Uncertainty, Methods and Tools for the Analysis of Climate Impacts and Policies

**Oct. 1<sup>st</sup>, 2009**     **Post-graduate Diploma, *Global Environmental Protection and International Policies***  
 University of Tuscia - Viterbo, Italy

Subjects     International environmental agreements, international environmental law and economics, sustainable development, energy issues, international institutions.

Thesis     A political analysis of the UNFCCC process ahead Copenhagen: key issues and actors

**March 28, 2007**     **M.A. *Diplomatic and International Sciences (major in Internat. Economics)***  
 Alma Mater Studiorum, University of Bologna - Faculty of Political Science.

Subjects     Political Science, International Law, International Economics, Industrial Economics and Competition Policy, Econometrics, International Relations, World Political Economy.

Thesis     "The Kyoto Protocol and its flexible mechanisms"

## Additional training

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**July 2-8, 2017**     **European Summer School on "Macroeconomics, Growth, and the Environment"** organized by EAERE, FEEM and VIU, Venice, Italy

Subjects     Macroeconomic models, green growth policies, equity and distributional aspects.

**June 29 - July 10, 2015**     **Summer School "Evaluating Policy Interventions", Geneva School of Economics and Management, University of Geneva, Switzerland.**

Subjects     Econometric techniques to evaluate policies, Use of the STATA package

<b>May 30–June 1 2012</b>	<b>Academy of Global Governance Executive Training Seminar on “Climate Governance: Issues and Institutions”</b> at Robert Schuman Centre for Advanced Studies, European University Institute (EUI), Florence, Italy.
Subjects	Climate Governance Institutions, Climate Finance, Climate Policy Instrument Choice, EU ETS, Implications of Climate Science, Border Tax Adjustments.
<b>July 4 – 10, 2010</b>	<b>European Summer School in Resource and Environmental Economics “Climate Change Negotiations”</b> organized by EAERE, FEEM and VIU, Venice, Italy
Subjects	Climate treaties, Coalition Theory, Architecture of Climate Change Regime.

## Skills

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Mother tongue: **Italian**

ENGLISH: Reading skills, C1; Writing skills, C1; Verbal skills, C1

FRENCH: Reading skills, B1; Writing skills, B1; Verbal skills, B1

GERMAN: Reading skills, A2; Writing skills, A2; Verbal skills, A2

Computer skills: MICROSOFT OFFICE (Advanced), STATA, GAMS, R (PhD courses).

## Publications

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### PEER-REVIEWED JOURNALS

**Davide M.**, De Cian E., Bernigaud A. (2019), Building a framework to understand the energy needs of adaptation. *Sustainability* 11(15), 4085 <https://doi.org/10.3390/su11154085>;

De Cian E., Pavanello F., Randazzo T., Mistry M.N., **Davide M.** (2019), Households’ adaptation in a warming climate. Air conditioning and thermal insulation choices. *Environmental Science & Policy*, Vol. 100, Pages 136-157 [doi.org/10.1016/j.envsci.2019.06.015](https://doi.org/10.1016/j.envsci.2019.06.015);

Campagnolo L. and **Davide M.** (2019), Can the Paris deal boost SDGs achievement? An assessment of climate mitigation co-benefits or side-effects on poverty and inequality. *World Development*, Vol 122, Pages 96-109 [doi.org/10.1016/j.worlddev.2019.05.015](https://doi.org/10.1016/j.worlddev.2019.05.015);

Campagnolo L., Carraro C., **Davide M.**, Eboli F., Lanzi E., Parrado R. (2016), Can climate policy enhance sustainability? *Climatic Change*, May 28 2016, pp.1-15, [doi:10.1007/s10584-016-1701-6](https://doi.org/10.1007/s10584-016-1701-6);

**Davide M.**, Calliari E. and D'Aprile A., (2016), Climate policy after Paris: assessment and perspectives, *Economics and Policy of Energy and the Environment*, 3/2015 DOI: 10.3280/EFE2015-003001;

Carraro C., **Davide M.**, Barbi V., Marangoni G., (2013), “Science advancements, policy immobility: the two faces of climate (in)action”, *Economics and Policy of Energy and the Environment*, 3/2013. DOI: 10.3280/EFE2013-003001;

### BOOK CHAPTERS

Carraro C., **Davide M.** (2017), “Do climate policies hurt the economy? Lessons from the EU experience”, in Building a Climate Resilient Economy and Society-Challenges and Opportunities, Inoue M. and Ninan K.N. eds., Edward Elgar Publishing;

### WORKING PAPERS

**Davide M.**, De Cian E., Bernigaud A. (2018), Energy for adaptation: connecting the Paris Agreement with the Sustainable Development Goals. Working paper series of the Department of Economics of the Ca’ Foscari University of Venice, No. 25/WP/2018;

Campagnolo L. and **Davide M.** (2018), Can the Paris deal boost SDGs achievement? An assessment of climate mitigation co-benefits or side-effects on poverty and inequality, Discussion Paper 2018/02, Belfer Center for Science and International Affairs, Harvard Kennedy School and FEEM Working Paper No. 48.2017;

Bosello F., **Davide M.**, Alloisio I. (2016), Economic implications of EU mitigation policies: domestic and international effects, FEEM Working Paper 2016.034;

**Davide M.** and Vesco P. (2016) Alternative approaches for rating INDCs: A comparative analysis, FEEM Working Paper 2016.018;

**Davide M.** and Calliari E. and D'Aprile A., (2015), Climate policy after Paris: assessment and perspectives, CMCC Research Paper - RP 277 12/2015;

Campagnolo L., Carraro C., **Davide M.**, Eboli F., Lanzi E. and Parrado R. (2013), "Can Climate Policy Enhance Sustainability?", FEEM Working Paper No. 10.2013;

**Davide M.**, A. Favero, G. Galluccio and C. Rogate (2010) "Strategies and research towards LCS in Italy." CMCC Research paper, Issue RP102, November 2010;

#### **POLICY BRIEFS**

Alloisio I., Bonan J., Carraro C., **Davide M.**, Hafner M., Tagliapietra S., Tavoni M. (2017), Energy Poverty Alleviation and its Consequences on Climate Change Mitigation and African Economic Development, FEEM Brief 2017.02;

Battisti D., **Davide M.**, Mischitelli M., Triacca D. (2014), "Stuck in the middle. Can Europe still lead on climate change and benefit from green growth? A progress report on 20-20-20 targets", Center for a Sustainable Future's Brief;

**Davide M.**, Favero, A., Rogate, C., (2010) "Cancún: don't look back in anger." FEEM Policy Briefs, 2010.07;

#### **TECHNICAL REPORTS**

Bigano A., **Davide M.**, "The implementation of Article 7 of the Energy Efficiency Directive in the households and the building sector", in Zygierevicz A. (2016), *Implementation of the Energy Efficiency Directive (2012/27/EU): Energy Efficiency Obligation Schemes - European Implementation Assessment*, Brussels, Belgium, EU Parliamentary Research Service;

**Davide M.**, Giannini V., Venturini S., Castellari S. (2013). *Questionnaire for the national Adaptation Strategy. Assessment of main results* (in Italian), Report for the Italian Ministry of the Environment;

#### **OTHER JOURNALS (IN ITALIAN AND ENGLISH)**

Calliari E., **Davide M.** (2017), COP23: un appuntamento cruciale. Che ruolo per l'adattamento? *Equilibri*, vol. 2/2017, pp. 283-290, DOI: 10.1406/88216

D'Aprile A., **Davide M.**, Parrado R. (2017), Per un Futuro Sostenibile agire ore per il clima, *ECOSCIENZA* 3/2017;

Calliari E., D'Aprile A., **Davide M.** (2016), Paris Agreement: Strengths and Weaknesses behind a Diplomatic Success, *Review of Environment, Energy and Economics*, vol. 03/05 [on-line];

Campagnolo L., **Davide M.** (2016) Accesso all'energia: tra povertà e ricchezza energetica, in *Equilibri*, vol. 1/2016, pp. 110-120;

Calliari E., D'Aprile A., **Davide M.** (2016), Unpacking the Paris Agreement, *Review of Environment, Energy and Economics* [on-line];

**Davide M.**, (2015) Setting the ground for sustainable and inclusive development: A focus on the SDGs, ICCG Reflection, International Center for Climate Governance [on-line];

Carraro C., **Davide M.**, (2015), Accesso all'energia e lotta al cambiamento climatico per uno sviluppo economico inclusivo e sostenibile, *Equilibri*, vol. 2/2015, pp. 287-298 DOI:10.1406/80781;

**Davide M.**, (2015) Towards Paris 2015: Taking stock of the Lima Climate Conference, ICCG Reflection, International Center for Climate Governance [on-line];

D'Aprile A., **Davide M.**, (2014), Assessing the EU 2030 climate and energy targets: looking at 2020 and beyond, ICCG Reflection, International Center for Climate Governance [on-line];

**Davide M.**, (2014), Cosa possiamo aspettarci dalla Conferenza di Parigi 2015? Uno sguardo alla politica sui cambiamenti climatici di Stati Uniti e Cina, *Equilibri* 3/2014;

Eboli F., and **Davide M.**, (2012), "The EU and Kyoto Protocol: Achievements and Future Challenges", *Review of Environment, Energy and Economics* [on-line];

**Davide M.**, (2012), "The Doha Climate Gateway: A First Key-Point Assessment", *Review of*

*Environment, Energy and Economics* [on-line];

**Davide, M.**, Hartmann, J., Savaresi, A., (2012) “Settore trasporti: la lunga strada verso la riduzione delle emissioni”, *Ambiente e Sviluppo* N. 8-9/2012;

**Davide, M.**, Savaresi, A., (2012) “Cambiamenti climatici e negoziati: una prospettiva italiana”, *Ambiente e Sviluppo* N. 4/2012;

**Davide, M.**, Rogate, C., (2011) Cancún riaccende le speranze e l'Europa torna in campo”, *Equilibri* 1/2011;

## **Presentations**

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Energy needs for adaptation: what can we learn from Paris Agreement's NDCs? 7th IAERE Annual Conference, IAERE and University of Udine, February 7-8, 2019

Energy needs for adaptation: what can we learn from Paris Agreement's NDCs? International Conference on Sustainable Development (ICSD), New York, September 26-27, 2018

Can Paris deal boost SDGs achievement? An assessment of climate-sustainability co-benefits or side-effects, EAERE-FEEM-VIU Summer School, Venice, Italy, July 2-8, 2017

The effect of the Paris deal on poverty and inequality”, October 25, 2016, Belfer Center for Science and International Affairs, Harvard University

*Can Paris deal boost SDGs achievement? An assessment of climate-sustainability co-benefits or side-effects*, International Conference on Sustainable Development (ICSD), New York, September 20-22, 2016

*From Kyoto to Paris: an overview of climate change policy negotiations*, Boston University Abroad, Programme on Environmental Economics and Policy, Venice, June 16, 2016

*Economic Implications of Climate Policy: Insights from the EU Experience*, Side Event. UNFCCC SB44 Conference, Bonn, May 20, 2016.

*Climate change policies, distributional effects and fuel poverty in the EU. Results from the CliMiP project*, CliMiP Workshop, Milan, April 27, 2015.

*A national adaptation strategy to climate change in Italy: can the right stakeholders be engaged?* 2nd Annual SISC Conference on Climate change: scenarios, impacts and policy, Venice, Italy, September 29-30, 2014.

*Stuck in the Middle, a Progress Report of the 2020 Strategy*, Berlin International Economics Congress 2014, Berlin, Germany, March 5, 2014.

*Financing climate action in the post-Kyoto regime*. LCS-RNet 5th Annual Meeting, Yokohama, Japan, July 22, 2013.