

# Dr Jose Maria Valenzuela

Postdoctoral Researcher  
Institute for Science, Innovation and Society, University of Oxford  
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## Affiliations

2020-2021 **Postdoctoral researcher, Institute for Science Innovation and Society**  
GGR: Governance and standards for carbon neutrality (GASCON)

### Other academic affiliations

Oxford Martin Programme on Integrating Renewable Energy.  
Energy Programme, El Colegio de Mexico.

## Doctoral degree

2017-2021 **DPhil in Public Policy, Blavatnik School of Government, University of Oxford**  
**(pass without corrections)**

Thesis: “Regulatory capacity, knowledge brokers, and the decarbonization of electricity systems- China, Chile, Mexico and the United Kingdom”

**Supervisor:** Dr Thomas Hale; **Final Viva examiners:** Dr Jonas Nahm, Dr Marc Ventreca; **Confirmation of Status examiner:** Dr Karthik Ramanna, Dr Nick Eyre.

**Associated distinctions:** Giandomenico Majone Prize for best paper by a junior scholar at the Biennial Conference of the ECPR Standing Group on Regulatory Governance.

## Other academic degrees

2016-17 **M.A. International Relations (IPE), The University of Chicago (Honors)**  
Thesis: The international regulation of climate-related financial disclosures.

2009-10 **M.A. in Public Administration and International Development, Tsinghua University**  
Thesis: Mexico and China Low Carbon Development Pathways: From generic solutions to institutional strategies.

2004-09 **B.A. International Relations, El Colegio de México**  
Thesis: The Development of Transboundary Oil Fields. Mexican Diplomacy, International Law and the Political Economy of Oil.

## Teaching

2021 International Political Economy, Advanced course, BA in International Relations, El Colegio de México.

2020 Training in Case Method teaching

2019-2021 Facilitator for the Oxford Scenarios Program, Executive Education  
Saïd Business School, University of Oxford.

2019 Facilitator for the Negotiations Module, MA in Public Policy, Blavatnik School of Government, University of Oxford.

2015-2016 Convenor and Lecturer, Energy Systems Diploma, World Energy Council Mexico.

## Refereed articles

- 2014 “Power Systems of the Future”, [The Electricity Journal](#), 28: 113-126, with Owen Zinaman, Mackay Miller, Ali Adil, Douglas Arent, et al.
- 2012 “Climate Change Agenda at Subnational Level in Mexico: Policy coordination or policy competition?”, [Environmental Policy and Governance](#), 24: 188-203.
- 2012 “Framing Energy Efficiency and Renewable Energy Policies: An International Comparison between Mexico and China”, [Energy Policy](#), 51: 128-137, with Qi Ye.
- 2010 “Transboundary oilfields. Between the Juridical and the Diplomatic Facts”, [Anuario Mexicano de Derecho Internacional](#), 10: 323-358. In Spanish.

## Book chapters

- 2021 “Post-Paris climate ambition and the decarbonization of the electricity sector in Mexico” in Greizbord and Torres (eds.), *International Commitment and Domestic Environmental Policy*. In Spanish.
- 2017 “The Political Economy of Clean Energy Transition under the Golden Age of Gas”, in Douglas Arent et al. (eds.) *The Political Economy of Clean Energy Transitions*, Oxford University Press, with Isabel Studer. [\[link\]](#)
- 2010 “Thoughts about the Centre on International Studies” in Vega C., G., & Garza E., H., *El Centro de Estudios Internacionales de El Colegio de México: 50 años de investigación y docencia*, El Colegio de Mexico, 2012. In Spanish.

## Working papers and non-refereed articles

- Under review “International regulatory of climate-related financial risk disclosure: discovery, orchestration, and action” submitted for Q1 ranked journal in politics.
- 2017 “Market institutions, state ownership and intervention in the power sector reform in Mexico”, *Foro Energético Working paper series*, El Colegio de Mexico. [\[link\]](#)
- 2016 “The Political Economy of Clean Energy Transition under the Golden Age of Gas”, *UNU- WIDER Working paper series*, UNU-WIDER and Joint Institute for Strategic Energy Analysis, with Isabel Studer. [\[link\]](#)
- 2015 “Clean Restructuring: Design Elements for Low- Carbon Wholesale Markets and Beyond”, *21st Century Power Partnership*, with Monisha Shah, Hector Alejandro Beltran Mora, et al. [\[link\]](#)
- 2015 “Solar energy in developing markets: tacking stock on global trends”, *Stanford Energy Journal*, 4.

## Academic conferences

- 2021 **ERPC Standing Group on Regulatory Governance – Biennial**  
“System operators and regulatory governance for the rapid decarbonisation of electricity systems: a state-business configuration perspective”  
Winner of the Seventh Giandomenico Majone Prize for best paper by a junior scholar.

- 2021 **Society for Advancement of Socio-Economics**  
 “Net-Zero Governance: From the Risk of Multivocality to the Fruits of Pragmatism in Standardizing International Climate Ambition”  
 “Pushing the Grid Towards the Future: State Coordination for Delivering Power Sector Decarbonization in the UK and Beyond”
- 2021 **International Conference in Public Policy**  
 “Why emerging economies invest in greenhouse gas removal: international compliance, domestic signalling or industrial policy?”  
 “Beyond IRAs: System operators and expert organizations in the governance of electricity decarbonisation”
- 2020 “Regulatory Capacity, knowledge brokers and the decarbonisation of electricity systems”, Network Regulation and Governance at the conference of the Society for the Advancement of Socio-Economics (SASE).
- 2020 “Market Institutions and State Ownership: Overcoming Ambiguity and Uncertainty in the Governance of Electricity in Mexico” Network Globalization and Socio-Economic Development at the conference of the Society for the Advancement of Socio-Economics (SASE)
- 2019 “Beyond the regulatory authority: system operator as a regulatory intermediary and the expansion of clean energy in Mexico“, Conference to inaugurate a Global Regulatory Governance Research Network, ECPR-CUHK
- 2018 “Beyond regulatory control: government access to industrial competence in the electricity industry”, Political Studies Association (UK)
- 2014 “Energy Transition and Renewables Expansion under a Nascent Market”, 37<sup>th</sup> Conference, International Association of Energy Economics, New York.

## Research assistance

- 2018 **DIE-University of Oxford Climate South Project**  
 Climate partnership coding under Prof. Thomas Hale
- 2011 **Tsinghua University Climate Policy Initiative**  
 Implications of MRV under Prof Qi Ye.

## Professional memberships

- 2019- National chapter representative to the “Energy Trilemma” and “Innovation” working groups of the World Energy Council
- 2019- Society for the Advancement of Socio Economics (SASE), networks “Regulatory Governance”
- 2019 ECPR Standing Group on Regulatory Governance
- 2020- Earth System Governance (ESG)
- 2020- International Council on Large Electricity Systems

## Distinctions and grants

- 2019 United Kingdom Sino-British Trust research grant for fieldwork in China (administrated by St. Antony’s College, University of Oxford)
- 2017-2019 Energy Sustainability Fund (Mexico) doctoral scholarship
- 2016-2017 Energy Sustainability Fund (Mexico) post-graduate scholarship

2013–2017	Future Energy Leader, World Energy Council
2013	Fulbright-Garcia Robles Doctoral Scholarship endorsed (declined)
2011–2013	Forum Associate, Waterloo Global Science Initiative
2009-2011	China Ministry of Education Scholarship for post-graduate studies.
2005-2008	Academic excellence fellowship, El Colegio de México

### **Academic and professional service**

2020-2021	Observer from the Research and Independent Organizations Constituency to the UNFCCC Technology Mechanism, TEC Taskforce on Enabling Environment.
2019-2020	Convenor of China Health, Environment and Welfare Conference (CHEW), University of Oxford, in 2019 and 2020 (postponed).
2019-	National chapter representative to the “Energy Trilemma” and “Innovation” working groups of the World Energy Council.  Reviewer for <i>Climate Policy, Energy Research and Social Science, Energy Economics, and Energy Policy</i> .

### **Languages and data skills**

Spanish	Native
English	Proficient
Chinese	High-intermediate
Data and software	R, NVivo, Gephi

## Non-academic work

### Government, management and consultancy experience

- 2017-2019 **National Renewable Energy Laboratory (NREL)**  
**Energy policy consultant**  
Contribution of policy scenarios for the implementation of the agent-based model 'dGen' for the forecasting distributed energy expansion and collaboration mechanisms design.
- 2018 **Transport Authority Mexico City**  
**Pro-bono. Institutional reform consultant**  
Development the blueprint for organisational restructuring in response to technological change in the transport sector for the incoming government (2018-2024)
- 2015-2016 **WWF Mexico**  
**Energy and Climate Policy Coordinator**  
Responsible of energy and climate mitigation policy program with particular focus on the promotion of renewable energy and contact point for climate negotiations.
- 2015 **Consultant on energy and climate policy and planning**  
Senior Consultant to the Denmark- Mexico Cooperation Agreement for developing Mexico's climate commitments | Senior Consultant to the IADB for the assessment of political and institutional feasibility and design of a water and energy saving NAMA.
- 2013-2014 **Department of Energy Mexico**  
**Deputy-DG for Renewable Energy & Director for Sustainability**  
Responsible of the process to determine the domestic 2013-2018 renewable energy goals and energy-related climate commitment | Lead author for the annual Renewable Energy Prospective Outlook.
- 2012 **Policy consultant**  
Co-author of Mexico Green Industry Report by UNIDO and for the Mexico Green Economy Scoping Study by UNEP and IADB | Analyzed the energy sector institutional constraints for the design of the Low Carbon Policy Options Outlook by CMM (Mexico).
- 2011-12 **Department of Energy of Mexico | Deputy Director for Energy Studies**  
Edited and contributed to the first Mexican CCS storage Atlas.

### Official reports

- 2017 "Water and Energy Indicators", in Indicadores de Eficiencia Energética: México. UN-ECLAC/CONUEE.
- 2013, 2014 Renewable Energy Prospective Outlook 2014-2028, SENER. Editions 2013 and 2014. In Spanish.
- 2013 Mexico Green Industry Report, UNIDO, Vienna-Mexico, with Leonardo Beltran.
- 2013 Mexican Atlas for Carbon Storage-Mexico, SENER-CFE, Mexico, with Leonado Beltran, Cesar Contreras, Moisés Davila. In Spanish.
- 2012 Equinox Blueprint: Energy 2030. A technological roadmap for a low-carbon, electrified future, with. Jatin Nathwani & Jason Blackstock (lead authors).