

ISHANI MUKHERJEE

Associate Professor of Public Policy
 Lee Kong Chian Fellow
 90 Stamford Road, Level 4
 School of Social Sciences, SMU
 178903, Singapore

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ACADEMIC APPOINTMENTS

- 2022-Present** **Associate Professor of Public Policy, Singapore Management University (SMU)**
 2020 – Present: Lee Kong Chian Fellow
 2018 – Present: Public Policy and Public Management (PPPM) Coordinator
- 2018 - 2021** **Assistant Professor of Public Policy, Singapore Management University (SMU)**
- 2014 - 2017** **Postdoctoral Research Fellow, National University of Singapore (NUS)**

EDUCATION

- 2013** **Ph.D. LKY School of Public Policy - National University of Singapore (NUS)**
 Major: Public Policy (Honours), Specialization: Environmental Policy
 Dissertation Committee: Michael Howlett (Chair)
- 2006** **M.Sc. Department of Natural Resources & the Environment, Cornell University**
 Major: Natural Resources (Honours), Specialization: Development Sociology
- 2004** **B. Sc. Department of Natural Resources & the Environment, Cornell University**
 Major: Natural Resources (Honours), Specialization: Environmental Economics

PUBLICATIONS¹

Total Citations: 2246
 i10-index: 25
 H-index: 20
 (Source: Google Scholar)

**Denotes Thesis Supervisor*

Books

- 2018** M. Howlett* and **I. Mukherjee** (eds.), Routledge Handbook of Policy Design, Taylor & Francis Group, London
- 2018** B. G. Peters, G. Capano, **I. Mukherjee**, M. Howlett*, M. H. Chou and P. Ravinet.
Designing for Policy Effectiveness, Cambridge University Press, Cambridge

¹ SJR: Scopus Journal Rankings
 JCR: Web of Science Journal Citation Reports
 JCR PA: JCR Public Administration Rankings
 JCR ES: JCR Energy and Fuels Rankings

- 2017** M. Howlett* and **I. Mukherjee** (eds.), *Handbook of Policy Formulation*, Edward Elgar, Cheltenham

Peer-Reviewed Journal Articles

- 2021** **I. Mukherjee**, "Rethinking the Procedural in Policy Instrument 'Compounds': A Renewable Energy Policy Perspective". *Policy & Society*, (*forthcoming*) [Q1, SJR | 11/48 JCR PA]
- 2021** **I. Mukherjee**, M. K. Coban, A.S. Bali. "Policy Capacities and Effective Policy Design: A Review". *Policy Sciences*, (*online first*) (April) [Q1, SJR | 7/48 JCR PA]
- 2020** **I. Mukherjee**, S. Giest. "Impact, Location and Temporality of Behavioral Insights Teams (BITS) in Government: A Comparative Perspective from Energy Efficiency Policy". *Administration and Society*, 52 (10), (November) [Q1, SJR | 29/48 JCR PA]
- 2019** **I. Mukherjee** and A. S. Bali, "Two Sides of the Coin: Effectiveness and Capacity in Policy Design". *Policy Design & Practice*, 2 (2), (June)
- 2019** **I. Mukherjee** and S. Giest, "Designing policies in uncertain contexts: Entrepreneurial capacity and the European Emission Trading Scheme", *Public Policy & Administration*, 34(3) (June) [Q2, SJR | 14/48 JCR PA]
- 2018** **I. Mukherjee** and N. Mukherjee, "Designing for Sustainable Outcomes: Espousing Behavioral Change into Co-production Programs", *Policy and Society*, 37(3). (December) [Q1, SJR | 11/48 JCR PA]
- 2018** S. Giest and **I. Mukherjee** "Behavioral instruments in renewable energy and the role of big data: A policy perspective", *Energy Policy*, 123. (December) [Q1, SJR | 28/112 JCR ES]
- 2018** M. Howlett* and **I. Mukherjee**, "The Contribution of Comparative Policy Analysis to Policy Design: Articulating Principles of Effectiveness and Clarifying Design Spaces", *Journal of Comparative Policy Analysis*, 20(1)(August) [Q2, SJR | 33/48 JCR PA]
- 2017** D. Beland, M. Howlett* and **I. Mukherjee**, "Instrument Constituencies and Public Policy-Making: An Introduction", *Policy and Society*, 37(1). (December) [Q1, SJR | 11/48 JCR PA]
- 2017** M. Howlett*, **I. Mukherjee** and J. C. M. Koppenjan, "Policy Learning and Policy Networks in Theory and Practice: The Role of Policy Brokers in the Indonesian Biodiesel Policy Network", *Policy and Society*, 36(2). (June) [Q1, SJR | 11/48 JCR PA]
- 2017** M. Howlett* and **I. Mukherjee**, "Policy Design: From Tools to Patches", *Canadian Public Administration*, 60(1). (March) [Q2, SJR | 41/48 JCR PA]
- 2016** J. Muhlheisen and **I. Mukherjee**, "Policy analysis: a rich array of country and comparative insights", *Asia Pacific Journal of Public Administration*, 38(3). (August)
- 2016** **I. Mukherjee** and M. Howlett*, "An Asian perspective on policy instruments: policy styles, governance modes and critical capacity challenges", *Asia Pacific Journal of Public Administration*, 38(1). (March)

- 2016** M. Howlett* and **I. Mukherjee**, "Achieving Regulatory Excellence in the Agri-Food Biotechnology Sector: Building Policy Capacity", *Asian Biotechnology and Development Review*, 18(1). (March)
- 2015** **I. Mukherjee** and M. Howlett*, "Who is a Stream? Epistemic Communities, Instrument Constituencies and Advocacy Coalitions in the Multiple Streams Subsystem", *Politics & Governance*, 3(2). (August) [Q1, SJR]
- 2015** M. Howlett*, **I. Mukherjee** and J.J. Woo, "The New Policy Design Orientation: From Tools to Toolkits in Policy Instrument Studies", *Policy and Politics* 42(2015). (April) [Q1, SJR | 10/48 JCR PA]
- 2015** M. Howlett* and **I. Mukherjee**, "Policy Design and Non-Design: Towards a Spectrum of Policy Formulation Types", *Politics & Governance*, 2(2). (November) [Q1, SJR]
- 2014** M. Howlett*, **I. Mukherjee** and J. Rayner, "The elements of effective program design: a two-level analysis", *Politics & Governance*, 2(1) (June) [Q1, SJR]
- 2014** **I. Mukherjee** and B.K. Sovacool, "Palm oil-based biofuels and sustainability in southeast Asia: A review of Indonesia, Malaysia and Thailand", *Renewable and Sustainable Energy Reviews*, 37(2014). (May) [Q1, SJR | 7/112 JCR ES]
- 2012** **I. Mukherjee** and B.K. Sovacool, "Sustainability principles of the Asian Development Bank's (ADB's) energy policy: An opportunity for greater future synergies", *Renewable Energy*, (48). (December) [Q1, SJR | 19/112 JCR ES]
- 2011** B.K. Sovacool, **I. Mukherjee** et al. "Evaluating Energy Security Performance from 1990 to 2010 for Eighteen Countries," *Energy*, 36(10). (October) [Q1, SJR | 20/112 JCR ES]
- 2011** B.K. Sovacool and **I. Mukherjee**, "Conceptualizing and Measuring Energy Security: A Synthesized Approach," *Energy*, 36(8). (August) [Q1, SJR | 20/112 JCR ES]
- Editor Invited Articles:**
- 2021** M. Howlett, **I. Mukherjee**, S. Giest. "Future Tools of Public Policy: Promises and Pitfalls". *Korean Institute of Public Administration (KIPA) Public Policy Review*. 1(1), (January)

Journal Impact Factor Summary	Yearly Impact Factor (2019)	5-Year Impact Factor
<i>Renewable & Sustainable Energy Reviews</i>	12.110	12.348
<i>Renewable Energy</i>	6.274	5.964
<i>Energy</i>	6.082	6.046
<i>Energy Policy</i>	5.042	5.693
<i>Policy Sciences</i>	3.609	3.797
<i>Policy & Society</i>	3.050	3.029
<i>Policy & Politics</i>	3.069	2.936
<i>Public Policy & Administration</i>	1.811	2.437
<i>Politics & Governance</i>	1.600	2.085
<i>Administration and Society</i>	1.564	2.085
<i>Journal of Comparative Policy Analysis</i>	1.414	1.938

Edited Book Chapters

- 2022** M. Howlett, **I. Mukherjee**, S. Giest, “The Future of Technology Policy Tools: Promises and Pitfalls”. In Ed. D. Levi-Faur, *Oxford Handbook on Regulation and Governance of Emerging Technologies*. Oxford University Press (*forthcoming*)
- 2021** D. Beland and **I. Mukherjee**, “The Role of Ideas in Policy Design”. Chapter in Ed. B. G. Peters and G. Fontaine, *Handbook of Research in Policy Design*. Edward Elgar, Cheltenham. (*forthcoming*)
- 2021** G. Capano and **I. Mukherjee**, “Policy Design and Non-Design: Discerning the Content of Policy Packaging, Patching, Stretching and Layering”. Chapter in Ed. Michael Howlett and Giliberto Capano, *Modern Guide to Public Policy*. Edward Elgar, Cheltenham (January)
- 2020** M. Howlett* and **I. Mukherjee**, “Policy Formulation Styles: Policy Design and Non-Design”. Chapter in Ed. Jale Tosun and Michael Howlett. *Routledge Handbook of Policy Styles*. Routledge, New York (November)
- 2020** M. Howlett* and **I. Mukherjee**, “Designing Public Participation in the Policymaking Process: A Critical Review of Procedural Policy Instrument Theory”. Chapter in Ed. Kenneth Richards and Josephine van Zeben, *Policy Instruments in Environmental Law*. Edward Elgar, Cheltenham (February)
- 2019** M. Howlett*, **I. Mukherjee** and S. Fritzen, “Challenges Associated with Implementing Climate Adaptation Policy” Chapter in Eds. Carina Kestikalo and Benjamin Preston. *Research Handbook on Climate Change Adaptation Policy*. Edward Elgar, Cheltenham (March)
- 2018** M. Howlett*, **I. Mukherjee** and J. J. Woo, “Thirty Years of Instrument Research: What Have We Learned and Where Are We Going?” Chapter in Eds. Robert Hoppe and Hal Colebatch. *Handbook on Policy, Process and Governing*. Edward Elgar, Cheltenham (December)
- 2018** **I. Mukherjee**, “Policy Design for Sustainability at Multiple Scales – The Case of Transboundary Haze Pollution in Southeast Asia” Chapter in Eds. Robert Brinkmann and Sandra Garren. *The Palgrave Handbook of Sustainability*. Palgrave Macmillan, New York (August)
- 2018** **I. Mukherjee** and A. Bali, “Capacities and Customization in Policy Design” Chapter 24 in Eds. Michael Howlett and Ishani Mukherjee. *Routledge Handbook of Policy Design*. Taylor and Francis, London (August)
- 2018** **I. Mukherjee** and M. Howlett*, “Gauging Effectiveness: First and Second-Best Policy Design” Chapter 25 in Eds. Michael Howlett and Ishani Mukherjee. *Routledge Handbook of Policy Design*. Taylor and Francis, London (August)
- 2018** M. Howlett*, **I. Mukherjee** and J. Rayner, “Understanding Policy Designs Over Time: Layering, Stretching, Patching and Packaging” Chapter 9 in Eds. Michael Howlett and Ishani Mukherjee. *Routledge Handbook of Policy Design*. Taylor and Francis, London (August)

- 2018** M. Howlett* and **I. Mukherjee**, “Policy Design and Non-Design – A Continuum of Formulation Modalities” Chapter 20 in Eds. Michael Howlett and Ishani Mukherjee. Routledge Handbook of Policy Design. Taylor and Francis, London (August)
- 2018** M. Howlett* and **I. Mukherjee**, “Introduction: The Importance of Policy Design: Effective Processes, Tools and Outcomes” Chapter 1 in Eds. Michael Howlett and Ishani Mukherjee. Routledge Handbook of Policy Design. Taylor and Francis, London (August)
- 2017** M. Howlett* and **I. Mukherjee**, “Policy formulation: where knowledge meets power in the policy process” Chapter in Eds. Michael Howlett and Ishani Mukherjee. Handbook of Policy Formulation, Edward Elgar, Cheltenham (April)
- 2017** M. Howlett*, **I. Mukherjee** and J. Rayner, “The elements of effective program design: a two-level analysis” Chapter in Eds. Michael Howlett and Ishani Mukherjee. Handbook of Policy Formulation, Edward Elgar, Cheltenham (April)
- 2016** **I. Mukherjee** and M. Howlett*, “Communicating Policy Advice to Climate Change Policy Makers”, Oxford Encyclopaedia of Climate Change Communication. Oxford University Press, New York (November)
- 2015** S. Geist, M. Howlett* and **I. Mukherjee**, “The relevance of the academic study of public policy” Chapter in Eds. Guy Peters, Jon Pierre and Gerry Stoker. The Relevance of Political Science. Palgrave Macmillan (March)
- 2015** M. Howlett*, **I. Mukherjee** and J. Rayner, “Designing Effective Programs”, Handbook of Public Administration, 3rd Edition, James L. Perry, Robert K. Christensen (Eds.) (February)

GRANTS AND AWARDS

“Behavioral Experts in Policy Design: Lessons for Sustainability from Singapore”, **Ministry of Education (MOE) Academic Research Fund (Tier-1)**: (S\$10,920): Principal Investigator (2019)

Lee Kong Chian Fellowship and grant (S\$ 45,000) (2020-2022)

2016 Best Article Prize, Routledge/ Asia Pacific Journal of Public Administration (2017)

Ken Young **Best Paper Prize 2015**, Policy and Politics (2016)

PhD Prize in Environmental and Sustainability Research, World Future Foundation (2014)

Research Scholarship, National University of Singapore (2009-2013)

World Bank Spot Award (2008)

DuMond Scholarship, Cornell University (2005)

Mario Einaudi Travel Fellowship Grant, Cornell University (2005)

INVITED TALKS

- 2021** “Public Management, Governance, and Policy in Extraordinary Times: Challenges and Opportunities” President’s Panel – International Research Society for Public Management (IRSPM) Conference 2021, (online) – 20 April.
- 2020** Inaugural Panel, Women in Public Policy (WiPP) Network Conference. – (online) 23 June
- 2019** Guest speaker on the Fundamentals of Public Policy Formulation and Design. Hosted by Professor Mehmet Demirgioglu, Lee Kuan Yew School of Public Policy (LKYSPP), Singapore – 9 October
- 2018** Panellist, “Human Rights and the Environment” panel, EU Human Rights Seminar, 70th Anniversary of the Universal Declaration of Human Rights Singapore, December 7
- 2017** Panellist, “Managing Environmental Risk”, 2017 Asia Think Tank Summit on ‘Think Tanks, Public Policy and Governance’, Singapore, 23 November.

CONFERENCE PRESENTATIONS & WORKSHOPS

- 2021** “Nudging Communities in Crisis: A Policy Design Perspective on Calibrating BI Tools for COVID-19 Management in India” International Conference of Public Policy (ICPP), Barcelona, 5-9th July
- 2021** “Evidence integration for coherent nexus policy mixes: European perspectives on managing water-energy interactions” International Conference of Public Policy (ICPP), Barcelona, 5-9th July
- 2021** “Designing for the Wrong Goal? Mismatches in Policy Problem Framing and Implications for Environmental Conservation Policy Design” International Conference of Public Policy (ICPP), Barcelona, 5-9th July
- 2020** “Policy Design and the Role of Ideas”. Book workshop on the Handbook of Research on Policy Design, Elgar. [online], 28 September
- 2020** “Procedural Compounds for Energy Efficiency Policy Design” Melbourne – NUS Workshop on Policy Tools, Melbourne, 23 January
- 2019** “Behavioural Insights Teams and Policy Change in the EU Energy Policy Domain.” International Conference on Public Policy (ICPP), Montreal, 4 July.
- 2019** “Thinking Comparatively about Policy Effectiveness”. India Public Policy Network (IPPN) Conference, Delhi, 6 February
- 2018** “Designing instruments that really stick: A mechanistic perspective for policy tools”, Governance Design Network (GDN) 6th Meeting on ‘Policy Design and Mechanisms’, Florence, 28 November

- 2017** “Opportunities for Nexus-Oriented Policy Design: The Case of Singapore’s Transboundary Haze Pollution Act (THPA)”, International Conference on Public Policy (ICPP), Singapore
- 2017** “Linking Mechanisms to Policy Design: A Three Level Analysis”, Governance Design Network (GDN) 5th Meeting on ‘Understanding Policy Mechanisms: Lessons for Policy Managers and Designers’, Singapore
- 2016** “Effectiveness in Policy Design”, Governance Design Network (GDN) 4th Meeting on ‘Policy Design and Effectiveness’, Florence, 15 November
- 2016** “Stretching, Patching & Packaging as Alternative Design Modalities: Overcoming the Artificial Limitation of Policy Design to Packaging and Replacement”, Public Policy Global Design Network (GDN) 3rd Meeting on ‘Limits of Policy Design’, Singapore
- 2015** “Policy capacities and instrument design: the case of payments for environmental services (PES) in Indonesia”, Workshop on ‘The State and Public Administration: Have Instruments for Governance Outrun Governments?’, Hong Kong
- 2015** “Policy Learning and Policy Networks in Theory and Practice: The Case of the Indonesian Biodiesel Policy Network”, International Conference on Public Policy (ICPP) 2015, Milan
- 2015** “Thirty Years of Instrument Research: What Have We Learned and Where Are We Going”, International Conference on Public Policy (ICPP) 2015, Milan
- 2014** “Policy Design and Non-Design: Towards a Spectrum of Policy Formulation Types”, International Political Science Association (IPSA) World Congress 2014, Montreal
- 2013** “From Tools to Toolkits in Policy Instrument Studies: The New Policy Design Orientation”, Australian Political Science Association (APSA) 2013, Perth
- 2012** “Non-State Market-Driven (NSMD) Governance, Legitimacy and Influence: The Case of the Roundtable on Sustainable Palm Oil (2012)”, International Political Science Association (IPSA) World Congress 2012, Madrid

TEACHING EXPERIENCE

2018 - Present Singapore Management University

Instructor, Undergraduate Courses

- POSC101 – Introduction to Public Policy (5 sections)
- PPPM101 – Public Sector Management (3 sections)
- PPPM106 – Policy Design and Analysis (1 section)

Student Supervision:

Clarabelle Koh Pei Lin, Independent Study Module (2020/2021)

Rebecca Liu Jiayu, Political Science Honours Thesis (co-examiner) (2018)

Timothy Low Qing Ying, Sociology Honours Thesis (co-examiner) (2018)

- 2010-2011** **National University of Singapore**
Teaching Assistant, Graduate Courses (Masters)
- PP5297 – Public Policy for Sustainability (2 sections)
- 2003-2006** **Cornell University**
Teaching Assistant, Undergraduate Courses
- NTRES4850 – International Conservation (1 section)
 - AEM2500 – Environmental and Resource Economics (1 section)

ACADEMIC SERVICE

Referee

Nature Communications
Energy Policy
Journal of Environmental Policy and Planning
Public Administration
Journal of Comparative Policy Analysis
Governance
Regulation & Governance
Journal of Public Policy
Policy Sciences
Policy & Society
Policy & Politics
Policy Design & Practice
Forest Policy and Economics
Canadian Political Science Review
Asia-Pacific Journal of Public Administration

Cambridge University Press

Association Committees and Memberships

2018-Present Public Policy Network (PPN) Singapore – Organizing Committee
2015-Present India Public Policy Network (IPPN) – Organizing Committee
2015-Present Asia-Pacific Public Policy Network (AP-PPN) – Organizing Committee
2014-Present International Public Policy Association (IPPA) – Member

Conference and Session Organization

2021 Co-convenor of roundtable on ‘Public Policy Education in India’, **India Public Policy Network (IPPN) Annual Conference, [Online]**

2019 Main organizer of annual workshop, **Public Policy Network (PPN) in Singapore, Singapore Management University (SMU) Singapore**

2019 Panel chair on ‘Beyond Typologies: Innovation in the Study of Environmental Policy Instruments’. **International Conference on Public Policy (ICPP)**, Montreal

2017	Panel chair on 'Policy Advice and Policy Formulation: Comparative Analyses'. International Conference on Public Policy (ICPP), Singapore
2017	Panel chair on 'Policy Formulation in Theory and Practice'. International Conference on Public Policy (ICPP), 2017, Singapore
2016	Organizing committee member, panel on 'Policy Design'. Public Policy Network (PPN) in Singapore, Lee Kuan Yew School of Public Policy (LKYSPP), Singapore
2014	Main organizer of 'Policy Innovations in Emerging Asian Cities', Lee Kuan Yew School of Public Policy (LKYSPP), Singapore
2013	Organizing committee member, Workshop on 'Designing Optimal Policy Mixes: Principles and Methods', Governance Design Network (GDN) 1st Meeting, Lee Kuan Yew School of Public Policy (LKYSPP), Singapore
2013	Organizing committee member, Workshop on 'Bringing Governments Back In: Governance and Governing in Contemporary Policy-Making', Lee Kuan Yew School of Public Policy (LKYSPP), Singapore

University Service

2018-Present	Public Policy and Public Management (PPPM) Program Coordinator
2020-Present	SOSS Curriculum Committee
2020-Present	SMU Cities Research Cluster (CRC) Organizing Committee
2019	SOSS Faculty Search Committee – Public Policy
2019	SMU University Librarian Search Committee
2018	SOSS Faculty Search Committee – Comparative Politics
2018	Public Policy Network (PPN) SMU – Organizing Committee

Languages

English (native), Bengali (native), Hindi (native), Indonesian (professional), Malay (professional), French (elementary).

PREVIOUS APPOINTMENTS

2017-2018	Sustainability Practice Lead, Global Counsel	Singapore
	<ul style="list-style-type: none"> Directing policy advice on environment sustainability and climate change to advice major Southeast Asian forest industry clients. Delivering analysis on business and regulatory implications of corporate sustainability work based on (i) natural capital assessments, (ii) high carbon stock (HCS) and high-conservation value (HCV) evaluations, and (iii) Green Climate Fund (GCF) proposals. Designing multi-stakeholder collaborative events for the UN Framework Convention on Climate Change (UNFCCC) Conference of Parties (COP) and Global Landscapes Forum (GLF). 	

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|------------------|---|-----------------------|
| 2007-2009 | Renewable Energy Analyst, World Bank | Washington, DC |
|------------------|---|-----------------------|
- Evaluating Country Assistance Strategies (CAS) and Country Partnership Strategies (CPS) of client countries for the formulation of the World Bank Group Energy Strategy
 - Analysis of energy-use pathways for World Bank Group (WBG) Low-Carbon Country Case Studies.
 - Conducting comparative research and assessments of WBG projects on renewable energy and energy efficiency, formulating best-practices for sustainable rural electricity access programs.
 - Establishing internal guidelines for designing sustainable rural electrification projects

Technical Reports

1. (Energizing Climate Friendly Development: World Bank Group Progress on Renewable Energy and Energy Efficiency in Fiscal Year 2008. World Bank, Washington DC (Contributing author - January 2009)
2. E. Terrado, **I. Mukherjee** and A. Cabraal, Designing Sustainable Off-grid Rural Electrification Projects: Principles and Practices. World Bank Energy and Mining Sector Board Discussion Paper. World Bank, Washington DC (November 2008)
3. J. Sawin and **I. Mukherjee**, "Fossil Fuel Use Up Again", Vital Signs (2007- 2008), Worldwatch Institute, Washington DC (September 2007)
4. L. Buck, J. Milder, T. Gavin and **I. Mukherjee**, Understanding Ecoagriculture: A Framework for Measuring Landscape Performance. Ecoagriculture Discussion Paper No. 2. Ecoagriculture Partners, Washington DC (March 2007)