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Blane D. Lewis

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Education

Ph.D. Cornell University: Urban Economics

M.A. Cornell University: Urban Economics

B.A. Lawrence University: Mathematics

Areas of teaching, research, advising, and consulting specialization: intergovernmental fiscal relations; local public finance and political economy; urban and regional economics; impact evaluation.

Countries in which worked: Australia, Bangladesh, Belize, Congo, Egypt, Haiti, India, Indonesia, Kenya, Madagascar, Niger, Philippines, Poland, Singapore, Switzerland, Togo, United States, Vietnam.

Professional Experience

Long-Term Positions:

Senior Fellow and Director of Indonesia Project: Arndt-Corden Department of Economics (ACDE), Crawford School of Public Policy, Australian National University: October 2014 to Present.

- Research and publish articles on intergovernmental fiscal, local public finance, and political economy issues in Indonesia. Teach course on quantitative policy impact evaluation (IDEC 8026). Supervise ACDE/Crawford Ph.D. students. Manage Indonesia Project. Lead edit *Bulletin of Indonesian Economic Studies*.

Independent Consultant and Policy Adviser: Jan 2012 to October 2014.

- Carried out short-term consulting assignments on various matters related to intergovernmental fiscal relations, local public finance, and urban economic development. (See short-term assignments below.)

Associate Professor of Public Finance: Lee Kuan Yew School of Public Policy (LKYSPP), National University of Singapore (NUS), Singapore. January 2009 to January 2012.

- Taught core graduate school courses in public finance and fiscal policy administration. Conducted research on urbanization, public finance, and infrastructure development in Asia. Supervised graduate students.

Senior Economist: World Bank, Jakarta, Indonesia. Jan. 2004 to Jan. 2009.

- Advised Ministries of Finance and Home Affairs and the National Development Planning Agency on decentralization policy. Managed Decentralization Support Facility (DSF) policy work.

Senior Resident Policy Adviser: Research Triangle Institute International (for USAID) and Ministry of Finance, Government of Indonesia, Jakarta, Indonesia. July 1997 to Dec. 2003.

- Conducted policy research and provided policy advice to MoF on fiscal decentralization: expenditure assignments and service delivery standards, tax instruments, intergovernmental transfers, and finance.

Senior Resident Policy Adviser: Harvard Institute for International Development (for World Bank) and Ministry of Local Government, Government of Kenya, Nairobi, Kenya. July 1996 to July 1997.

- Managed and conducted policy research and advised senior Ministry of Local Government officials on intergovernmental fiscal relations. Helped develop the country's first intergovernmental grant.

Independent Consultant and Policy Adviser, Seattle, WA, March 1994 to June 1996.

- Carried out short-term consulting assignments related to urban and regional economic development, poverty reduction, and intergovernmental fiscal relations. (See short-term assignments listed below.)

Resident Policy Adviser: Harvard Institute for International Development and Ministry of Finance, Government of Indonesia, Coordinating Ministry of Economics, Government of Indonesia, Jakarta. Oct. 1991 to March 1994.

- Advised MoF officials on urban/regional economic and financial development policy: local public finance, local government performance rating; low-income family housing finance; and poverty grant targeting.

Assistant Professor and Research Associate: Cornell University, Department of City and Regional Planning and the Institute for African Development, Ithaca, NY. Sept. 1989 to Aug. 1991.

- Taught undergraduate- and graduate-level courses in urban and regional economics and public finance, statistics and econometrics, quantitative methods and models in policy analysis, and economic development.

Research Assistant: Clark University, Settlements and Resource Systems Analysis (USAID Cooperative Agreement), Washington D.C. June 1987 to Aug. 1988.

- Conducted field research in Kenya on small town economic development. Designed research instruments, supervised data collection, performed analyses, and co-authored project report to Ministry of Planning.

Teaching Assistant: Cornell University, Field of Regional Science/Urban Economics, Ithaca NY. Academic years 1985/86-1986/87, 1988/89.

- Assisted in teaching undergraduate- and graduate-level courses in urban and regional theory and urban and regional methods.

Staff Research Analyst: Development Group for Alternative Policies, Washington D.C. March 1981 to May 1984.

- Carried out fieldwork in Haiti, Egypt, and Kenya to evaluate micro-enterprise credit projects in the urban informal sector. Lobbied US Congress on development assistance policy.

Peace Corps Volunteer: Togo, West Africa. May 1978 to May 1980.

- Taught mathematics at a lycée in Aneho, Togo.

Actuarial Analyst: Minnesota Mutual Life Insurance Co., Minneapolis, Minnesota. July 1976 to July 1977.

- Evaluated the impact of increased longevity on life insurance prices.

Short-Term Assignments:

World Bank, Washington DC, April 2019 to Present.

- Examine international experience related to intergovernmental transfers in the education sector.

World Bank, Jakarta, Indonesia, May 2020 to July 2020.

- Provided analytical inputs to Public Expenditure Review.

World Bank, Jakarta, November-December 2019.

- Made inputs into the reform of the subnational chart of accounts in Indonesia.

World Bank, Jakarta, Indonesia, February 2019 to March 2019

- Assisted MoF to set up an M&E system for measuring district performance in spending capital grants. Advised MoF on methods to support subnational issuance of bonds.

World Bank, Jakarta, Indonesia, June 2018 to September 2018.

- Assisted with the analysis and development of performance-based grants to districts, villages, and schools. Advised on methods for monitoring and evaluating district, village, and school performance outcomes.

World Bank, Jakarta, Indonesia, August 2017-December 2017.

- Provided inputs to government on the development of performance-based grants and supplied analytical and written inputs on political economy approaches to the *Indonesian Economic Quarterly*, December 2017.

World Bank, Jakarta, Indonesia, April 2017-June 2017.

- Conducted an impact evaluation of World Bank infrastructure incentives project and provided advice to government on financing local infrastructure development.

World Bank, Jakarta, Indonesia, December 2015-January 2017.

- Advised Ministry of Finance on the reform of intergovernmental fiscal relations and decentralization, especially in context of revisions to fiscal decentralization legislation.

World Bank, Hanoi, Vietnam, January 2015-December 2015.

- Assisted Government of Vietnam and World Bank in the production of a Public Expenditure Review (PER) on objectives, structure, and effects of public spending at all levels of government.

Australia-Indonesia Partnership for Decentralization/DFAT, Jakarta, Indonesia, October 2013-April 2015.

- Advised MoF on reforming intergovernmental fiscal relations in the context of forthcoming changes to major decentralization legislation. Provided advice on village decentralization program.

Indonesian Infrastructure Initiative/DFAT, Jakarta, Indonesia, June 2013-October 2014.

- Conducted process and impact evaluations of IndII's performance grant for local water provision. Assisted in the design of a pilot project for DAK-based performance grant in the water sector.

AusAid/DFAT, Manila, Philippines, November 2013-July 2014.

- Advised Department of the Interior and Local Government on the development of performance-based grants for improved governance and service delivery in the roads sector.

World Bank, Jakarta, Indonesia, July 2013-June 2014.

- Advised Ministry of Finance on the creation of a Municipal Development Fund. Prepared an impact evaluation of the DAK reimbursement scheme and assisted in the design of the rolled-out project, among others.

World Bank, Manila, Philippines, August-December 2013.

- Advised Department of Interior and Local Government on reforming regulatory and monitoring mechanisms for local debt finance of infrastructure.

World Bank, Delhi, India, February-May 2013.

- Advised India's 14th Finance Commission on restructuring intergovernmental fiscal relations, especially as regards central-local fiscal transfers. Provided inputs to World Bank's Urbanization Flagship for South Asia.

World Bank, Jakarta, Indonesia, July 2012-June 2013.

- Advised World Bank on decentralization policy reform. Wrote policy notes on urbanization and infrastructure for WB's Sulawesi Growth Diagnostic and the impact of perverse incentives in intergovernmental transfers.

Asian Development Bank and Lee Kuan Yew School of Public Policy, National University of Singapore, November 2012-March 2013.

- Researched issues related to infrastructure impact on economic growth and infrastructure finance in Indonesia and drafted chapter on same for Asian Development Bank book on subnational public finance in Asia.

World Bank, Jakarta, Indonesia, April-June 2012.

- Provided analytical and advisory support to World Bank related to subnational public expenditure reviews, Sulawesi economic growth diagnostics, and intergovernmental legal and regulatory reform.

World Bank, Jakarta, Indonesia, January-June 2012.

- Assisted in designing and implementing international conference on new visions for decentralization in Indonesia. Drafted proposal on a new capital grant to support economic growth.

World Bank, Manila, Philippines, September- December 2011.

- Advised World Bank and Department of Interior and Local Government on the development of performance-based grants for local governments.

World Bank, Jakarta, Indonesia, September-December 2011.

- Advised World Bank and Ministry of Finance officials on reform of intergovernmental fiscal system in context of imminent changes to national legislation on decentralization.

World Bank, Jakarta, Indonesia, May-June 2011.

- Empirically examined the impact of local government capital spending and urbanization on economic growth in Indonesia; drafted policy memos on same.

RAND, Santa Monica, California, May 2011.

- Participated in the process evaluation of Government of Indonesia's sub-district poverty reduction program.

World Bank, Jakarta, Indonesia, January-April 2011.

- Carried out analyses and drafted policy memos for the World Bank's Public Expenditure Review on Financing Local Governments in Indonesia.

World Bank, Manila, Philippines, December 2010.

- Advised GOP policymakers on structuring performance incentives into the intergovernmental fiscal framework.

World Bank, Jakarta, Indonesia, September-October 2010.

- Provided inputs to World Bank country team on the design of a decentralization policy development loan and a supporting analytical agenda.

World Bank, Jakarta, Indonesia, May-July 2010.

- Developed a strategic plan for the World Bank/Decentralization Support Facility on fiscal decentralization.

World Bank, Jakarta, Indonesia, June-September 2009.

- Advised Ministry of Finance on reforms to various aspects of intergovernmental system, including grant allocation procedures and incentives for improving local government spending, among others.

World Bank, Manila, Philippines, May-June 2009.

- Assisted with the development of a fiscal decentralization policy reform agenda for World Bank and GoP.

World Bank, Washington D.C. Nov. 1995 to Dec. 1995 and May 1996 to June 1996.

- Collaborated on the design of a Social Investment Fund for Belize. Developed geographic, sectoral, and household targeting procedures for the Fund's poverty reduction transfers.

Development Alternatives Inc. (for USAID), Bethesda, MD. Feb. 1996 to April 1996.

- Advised Government of Poland on intergovernmental fiscal relations. Examined system of transfers to local governments and designed cost efficiency analyses of local service delivery.

Planning and Development Collaborative International (for USAID), Washington D.C. Sept. 1995 to Oct. 1995.

- Advised USAID on strategies for building Indonesian local government capacity to identify, evaluate, and gain access to sources of capital finance for environmental infrastructure investment.

Research Triangle Institute (for USAID), Research Triangle Park, NC. March 1995 to May 1995.

- Designed local development fund for infrastructure investment as part of USAID Marketing Infrastructure Expansion (MIX) project in Madagascar. Prepared overall budget for project implementation.

Development Alternatives Inc. (for USAID), Bethesda, MD. Jan. 1995 to Feb. 1995.

- Developed research agenda for fiscal decentralization and infrastructure investment modules of USAID Policy Analysis and Monitoring (PAM) project in Niger.

Asian Development Bank, Manila, Philippines. Nov. 1994 to Dec. 1994, June 1995.

- Examined ADB urban infrastructure and technical assistance projects in Bangladesh. Advised on important urban economic issues and suggested potential strategies for continued Bank investment in the urban sector.

United States Agency for International Development, USAID, Belize City, Belize. June 1994 to Oct. 1994.

- Advised Government of Belize on the establishment of a system to collect, process, and analyze poverty data. Produced the country's first poverty profile.

Cornell Food and Nutrition Policy Program (for USAID), Cornell University, Ithaca, NY. Jan. 1990 to Dec. 1991.

- Researched the impact of structural adjustment policies on economic development in Kinshasa, Zaire (now Congo) and its hinterland.

Harvard Institute for International Development (for Government of Indonesia), Harvard University, Cambridge, MA. Sept. 1991 to Oct. 1991.

- Investigated patterns of regional government borrowing for infrastructure development in Indonesia.

United Nations Research Institute for Social Development, Geneva, Switzerland. July 1991 to Aug. 1991.

- Analyzed and critiqued proposed UNRISD human development indicators.

Research Triangle Institute (for USAID), Research Triangle Park, NC. July 1989 to Aug. 1989.

- Conducted field research on the formulation of a national urban development strategy for Niger.

United States Agency for International Development, Development Studies Program, Washington D.C. Feb. 1983 to May 1983.

- Produced case study of the Philippine Masagana 99 agricultural program for use in training USAID employees.

World Bank, Project Advisory Services, Washington D.C. Dec. 1982 to Feb. 1983.

- Evaluated IBRD projects and staff involvement in indigenous institutional development.

Published and Unpublished Papers

Journal Articles under Review

1. “Local Fiscal Resources and Routine Violence in Indonesia,” (with Hieu Nguyen) *Regional Studies*
2. “Local Mandated Spending: Indonesia’s Misguided 20 Percent Rule,” *Local Government Studies*

Published Peer-Reviewed Journal Articles, Books, and Book Chapters

1. “COVID-19: Impact on the Finance and Delivery of Local Public Services,” (with Ruth Nikijuluw) in *Economic Dimensions of COVID-19 in Indonesia: Responding to the Crisis*, (Blane Lewis and Firman Witoelar) ISEAS, 2021. In press
2. *Economic Dimensions of COVID-19 in Indonesia: Responding to the Crisis*, (edited, with Firman Witoelar) ISEAS, 2021. In press
3. “Indonesia” in *The Role of Intergovernmental Fiscal Transfers in Improving Education Outcomes*, (Samer Al-Samarrai and Blane Lewis) World Bank, 2021. In press.
4. “Principles of Fiscal Decentralization” in *The Role of Intergovernmental Fiscal Transfers in Improving Education Outcomes*, (Samer Al-Samarrai and Blane Lewis) World Bank, 2021. In press.
5. “The Role of Intergovernmental Fiscal Transfers in Improving Education Outcomes: An Overview of Seven Case Studies” (with Samer Al-Samarrai) in *The Role of Intergovernmental Fiscal Transfers in Improving Education Outcomes*, (Samer Al-Samarrai and Blane Lewis) World Bank, 2021. In press.
6. *The Role of Intergovernmental Fiscal Transfers in Improving Education Outcomes*, (edited, with Samer Al-Samarrai) World Bank, 2021. In press.
7. “The Impact of Public Sector Accounting Reform on Corruption: Causal Evidence from Subnational Indonesia,” (with Adrianus Hendrawan) *Public Administration and Development*, DOI: 10.1002/pad.1896 2020.
8. “Assessing the Causal Impact of Compulsory Schooling Policy in Indonesia,” (with Hieu Nguyen) *International Journal of Educational Research*. DOI.org/10.1016/j.ijer.2020.101693, 2020.
9. “Political Accountability and Public Service Delivery in Decentralized Indonesia: Incumbency Advantage and the Performance of Second Term Mayors,” (with Hieu Nguyen and Adrianus Hendrawan) *European Journal of Political Economy*. DOI: 10.1016/j.ejpoleco.2020.101910 2020.
10. “Teenage Marriage and Motherhood in Vietnam: The Negative Effects of Starting School Early,” (with Hieu Nguyen) *Population Research and Policy Review*, DOI: 10.1007/s11113-019-09553-y, 2019.
11. “How Do Mayors Get Elected? The Causal Effects of Pre-Electoral Coalitions on Mayoral Election Outcomes in Indonesia,” *Local Government Studies*. DOI: 10.1080/03003930.2019.1627334, 2019.
12. “Legislature Size, Local Government Expenditure and Taxation, and Public Service Access in Indonesia,” *Studies in Comparative International Development*. DOI: 10.1007/s12116-019-09278-1, 2019.
13. “The Impact of Majority Coalitions on Local Government Spending, Service Delivery, and Corruption in Indonesia,” (with Adrianus Hendrawan) *European Journal of Political Economy*, vol. 58, 2019.
14. “Endogenous District Magnitude and Political Party Fragmentation in Subnational Indonesia,” *Electoral Studies*, vol. 55, 2018.

15. "Local Government Form in Indonesia: Tax, Expenditure, and Efficiency Effects," *Studies in Comparative International Development*, DOI: 10.1007/s12116-017-9236-z, vol. 53, 2018.
16. Book Review: "Reconstructing Urban Economics: Towards a Political Economy of the Built Environment," by Franklin Obeng-Odoom, *Economic Record*, vol. 93, no. 302, September 2017.
17. "Does Local Government Proliferation Improve Public Service Delivery? Evidence from Indonesia," *Journal of Urban Affairs*, vol. 39, no. 8, 2017.
18. "Local Government Spending and Service Delivery in Indonesia: The Perverse Effects of Substantial Fiscal Resources," *Regional Studies*, vol. 51, no. 11, 2017.
19. "Measuring Local Government Service Performance: Challenges and (Partial) Solutions in Indonesia," (with Neil McCulloch and Audrey Sacks) *Journal of International Development*, vol. 28, 2016.
20. "Is Central Government Intervention Bad for Local Outcomes? Mixed Messages from Indonesia," *Journal of Development Studies*, vol. 52, no. 2, 2016.
21. "Decentralizing to Villages in Indonesia: Money (and Other) Mistakes," *Public Administration and Development*, vol. 35, 2015.
22. "Intergovernmental Fiscal Transfers and Local Incentives and Responses: The Case of Indonesia," (with Paul Smoke) *Fiscal Studies*, DOI: 10.1111/1475-5890.12080, 2015.
23. "Indonesian Village Decentralization," *East Asia Forum Quarterly*, 27 June 2015.
24. "Indonesian Intergovernmental Performance Grants: An Empirical Assessment of Impact," *Bulletin of Indonesian Economic Studies*, vol. 50, no. 3, 2014.
25. "Twelve Years of Fiscal Decentralization in Indonesia: A Balance Sheet," in Hal Hill (ed.) *Regional Dynamics in a Decentralized Indonesia*, ISEAS Singapore, 2014.
26. "Urbanization and Economic Growth in Indonesia: Good News, Bad News, and (Possible) Local Government Mitigation," *Regional Studies*, vol. 48, no.1, 2014.
27. "Fiscal Decentralization in Indonesia: Local Infrastructure Impact and Finance," (with Tariq Niazi) in Asian Development Bank, *Getting Policies and Practices Right: Public Sector Management Issues in Asia*, 2013.
28. "Public Services: The Legacy of Decentralization in Indonesia," *East Asia Forum Quarterly*, vol., 5 no. 4, 2013.
29. "Beyond Univariate Measurement of Spatial Autocorrelation: Disaggregated Spillover Effects for Indonesia," (with Jennifer Day) *Annals of GIS*, vol. 19, no. 3, 2013.
30. "Local Government Capital Spending in Indonesia: Impact of Intergovernmental Fiscal Transfers," *Public Budgeting and Finance*, vol. 33, no.1, 2013.
31. "A New Intergovernmental Capital Grant for Indonesia: A Polemic in Support of Economic Growth" (with Daan Pattinasarany) in *New Visions for Decentralization in Indonesia*, World Bank, 2012.
32. "Incentives for Better Local Service Delivery in Indonesia" (with Paul Smoke), in *Fiscal Decentralization in Indonesia A Decade after the Big Bang*, Ministry of Finance, Republic of Indonesia, 2012.

33. "Asia-Pacific," (with Bob Searle) in *Local Government Finance: The Challenges of the 21st Century: Second Global Report on Decentralization and Local Democracy*. Cheltenham, UK: Edward Elgar, 2011.
34. "Sub-National Government Capital Spending in Indonesia: Level, Structure, and Financing" (with André Oosterman) *Public Administration and Development*, vol. 31, issue 3, 2011.
35. "The Cost of Primary Education in Indonesia: Do Schools Need More Money?" (with Daan Pattinasarany) *Education Economics*, vol. 19, no.4, 2011.
36. "Indonesian Fiscal Decentralization: Accountability Deferred," *International Journal of Public Administration*, vol. 33, no. 12, 2010.
37. "Restructuring Indonesia's Sub-National Public Debt: Reform or Reversion?" (with David Woodward) *Bulletin of Indonesia Economic Studies*, vol. 46, no. 1, 2010.
38. "Incorporating Sub-National Performance Incentives in the Indonesian Intergovernmental Framework," (with Paul Smoke) *National Tax Association*, Proceedings, 101st Conference on Taxation, December 2009.
39. "The Impact of Decentralization on Sub-National Government Fiscal Slack in Indonesia," (with André Oosterman) *Public Budgeting & Finance*, vol. 29, no. 2, 2009.
40. "Determining Citizen Satisfaction with Local Public Education in Indonesia," (with Daan Pattinasarany) *Growth and Change*, vol. 40, no. 1, 2009.
41. "Local Tax Effects on the Business Climate," (with Bambang Suharnoko) in Neil McCulloch (ed.), *Rural Investment Climate in Indonesia*, Institute for South East Asian Studies, 2009.
42. "Revisiting the Price of Residential Land in Jakarta," *Urban Studies*, vol. 44, no. 11, 2007.
43. "On-Lending in Indonesia: Past Performance and Future Prospects," *Bulletin of Indonesia Economic Studies*, vol. 43, no. 1, 2007.
44. "Local Government Taxation: An Analysis of Administrative Cost Inefficiency," *Bulletin of Indonesian Economic Studies*, vol. 42, no. 2, 2006.
45. "Indonesian Local Government Spending, Taxing, and Saving: An Explanation of Pre- and Post-Decentralization Fiscal Outcomes," *Asian Economic Journal*, vol. 19, no.3, 2005.
46. "Central Development Spending in the Regions Post-Decentralization," (with Jasmin Chakeri) *Bulletin of Indonesian Economic Studies*, vol. 40, no. 3, 2004.
47. "Property Taxation in Indonesia: Measuring and Explaining Administrative (Under-) Performance," *Public Administration and Development*, vol. 23, no. 3, 2003.
48. "Tax and Charge Creation by Regional Governments under Fiscal Decentralization: Estimates and Explanations," *Bulletin of Indonesian Economic Studies*, vol. 39, no. 2, 2003.
49. "Local Government Borrowing and Repayment in Indonesia: Does Fiscal Capacity Matter?" *World Development*, vol. 31, no. 6, 2003.
50. "Indonesia," in P. Smoke and Y. H. Kim (eds.) *Intergovernmental Transfers in Asia: Current Practice and Challenges for the Future*, Manila: Asian Development Bank, 2002.

51. "The General-Purpose Grant," in Budy Resosudarmo, Armida Alisjahbana, and Bambang Brodjonegoro (eds.) *Indonesia's Sustainable Development in a Decentralized Era*, IRSA, 2002.
52. "The New Indonesian Equalisation Transfer," *Bulletin of Indonesian Economic Studies*, vol. 37, no. 3, 2001.
53. "Reconsidering Decentralization in Indonesia: Reply to Beier and Ferrazzi," (with Paul Smoke) *World Development*, vol. 26, no. 12, 1998.
54. "The Impact of Public Infrastructure on Municipal Economic Development: Empirical Results from Kenya," *Review of Urban and Regional Development Studies*, vol. 10, no. 2, 1998.
55. "Fiscal Decentralization in Indonesia: A New Approach to an Old Idea," (with Paul Smoke) *World Development*, vol. 24, no. 8, 1996.
56. "Estimating, Explaining, and Targeting Poverty in Belize: Implications for Policy," *Review of Urban and Regional Development Studies*, vol. 8, no. 1, 1996.
57. "Rural-Urban Linkages in a Small Regional Economy," (with Erik Thorbecke) in J. Edward Taylor and Irma Adelman (eds.) *Village Economies: The Design, Estimation, and Application of Villagewide Economic Models*, Cambridge University Press, 1996.
58. "Formal Housing Finance and Low-Income Urban Households in Indonesia: Never the Twain Shall Meet?" *Asian Journal of Economic and Social Studies*, vol. 12, no. 4, 1993.
59. "Growth Linkages and Urban Policy in Niger," (with P. L. Doan) *Growth and Change*, vol. 24, no. 4, 1993.
60. "The Relative Importance of Exports in Determining Levels of Regional Output and Income: A Model and Empirical Evidence from Kenya," *Review of Urban and Regional Development Studies*, vol. 5, no. 1, 1993.
61. "District-Level Economic Linkages in Kenya: Evidence Based on a Small Regional Social Accounting Matrix," (with Erik Thorbecke) *World Development*, vol. 20, no. 6, 1992.
62. "A Comment on the Relative Employment Generation Capabilities of the Manufacturing and Service Sectors in Developing Countries," *World Development*, vol. 19, no. 12, 1991.
63. "An Inquiry into Kenyan Small Town Development Policy," *Economic Geography*, vol. 67, no. 2, 1991.
64. "The Economic Impact on the Built Physical Environment of Damage by Natural Disasters: A Model and Empirical Evidence" (with Barclay G. Jones and David Westendorff), *International Symposium on Building Technology and Earthquake Hazard Mitigation*. 1991.
65. "Estimating Size Distributions of Building Areas for Natural Hazards Assessments," (with Barclay G. Jones) *Earthquake Spectra*, vol. 3, no. 3, 1990.
66. "The Four Basic Properties of Rank-Size Hierarchical Distributions: Their Characteristics and Interrelationships," (with Barclay G. Jones) *Papers in Regional Science*, vol. 68, 1990.
67. "Chinese Cities among the Largest World Agglomerations: an Historical Analysis," (with Barclay G. Jones and Jeffrey W. Cody), *International Conference on Planning for Human Settlements: China and the United States*, Tongji University, Shanghai, China, June. 1987.
68. "James P. Bennet on Subjunctive Reasoning, Policy Analysis, and Political Argument," (with Walter Isard) *Conflict Management and Peace Science*, vol. 8, no. 1, Fall 1984.

Unpublished Policy Papers, Reports, and Presentations:

1. “Quality of Subnational Spending and Services: Which Factors Explain Differences in the Quality of Subnational Spending in Indonesia?” (with Cut Dian Agustina, Carissa Hanjani) World Bank Working Paper, 2020, In press.
2. “Local Government Spending and Service Delivery in Indonesia: The Perverse Effects of Subnational Fiscal Resources,” invited presentation at Indonesian Development Forum, Jakarta, 10-11 July 2018.
3. “The Impact of Political Fragmentation on District Spending, Service Delivery, and Fiscal Management,” invited presentation at MoF/ANU High Level Policy Dialogue (HLPD), March 26, 2018.
4. “Policy Failure and Educational Attainment in Indonesia,” presentation made at Trade and Development Seminar, Arndt-Corden Department of Economics, Australian National University, 13 February 2018.
5. “Indonesia’s Decentralization in International Context,” keynote presentation made to central and local government officials at *Hari Oeang*, 18 October 2017.
6. “Local Government Development Program: Impact Analysis,” report prepared for World Bank, Jakarta, July 2017.
7. “Local Political Fragmentation: Fiscal and Service Delivery Effects in Indonesia,” Arndt-Corden Department of Economics Working Paper 2016/16.
8. “Reforming Indonesia’s Fiscal Equalization Mechanism,” presentation to Directorate General Fiscal Balance, Ministry of Finance, Government of Indonesia, August 2016.
9. “An Empirical Analysis of DAK Reimbursement Project Impact on District Reporting, Capital Spending, and Water and Sanitation Service Delivery,” report prepared for World Bank, Jakarta, Indonesia May 2016.
10. “Overview of Public Expenditure,” chapter prepared for joint Government of Vietnam and World Bank Public Expenditure Review (PER) 2015, June 2015.
11. “Intergovernmental Transfers, Service Delivery, and the Relationship between the Two,” note and presentation to DFAT/Kompak, Jakarta, Indonesia, April 2015.
12. “Reforming Central-Village Transfers in Indonesia,” presentation at High Level Policy Dialogue, Ministry of Finance-Australian National University, Jakarta, Indonesia, 25-26 March 2015.
13. “Intergovernmental Transfers,” ‘Master Class’ for DFAT/AIPD, Jakarta, Indonesia, October 2014.
14. “Local Service Delivery: Growth and Equity Concerns,” paper and presentation DFAT/AIPD, Jakarta, Indonesia, October 2014.
15. “The Relationship between Good Local Government Audit Results and Things That Really Matter,” paper and presentation DFAT/AIPD, Jakarta, Indonesia, September 2014.
16. “Local Fiscal and Service Delivery Effects of Central Government Spending: Inconvenient Truths,” paper and presentation DFAT/AIPD, Jakarta, Indonesia, August 2014.
17. “District Splitting and Local Service Delivery in Indonesia, 2001-2010,” paper and presentation for DFAT/AIPD, Jakarta, Indonesia, July 2014.

18. "Challenges to Measuring Local Government Service Delivery Performance," (with Neil McCulloch and Audrey Sacks) note and presentation for DFAT/AIPD and Directorate General Fiscal Balance, Ministry of Finance, Jakarta, Indonesia, June 2014.
19. "What Drives Service Delivery in Indonesia?" paper and presentation to IRSA Conference, Makassar, South Sulawesi, Indonesia, 2 June 2014.
20. "Optimizing Local Own-Source Revenues: A National Policy Perspective," Presentation to High Level Policy Dialogue workshop, Ministry of Finance, Jakarta, Indonesia, 16 April 2014.
21. "Water Hibah Output-Based Performance Grant: Process Analysis," paper for IndII/AusAID, Jakarta, Indonesia, 13 March 2014.
22. "Intergovernmental Finance: Current System and Draft Reforms," note and presentation for DFAT/AusAid Jakarta, Indonesia, 10 February 2014.
23. "Indonesian Performance Grants: A Technical Note on Impact," paper and presentation for World Bank and Bappenas, 2 February 2014.
24. "Water Hibah Output-Based Performance Grant: Impact Analysis," paper and presentation for IndII/AusAID, Jakarta, Indonesia, 18 December 2013.
25. "Seal of Good Local Governance: Objectives, Design, Implementation, and Monitoring and Evaluation," report prepared for AusAid/Philippines and Department of Interior and Local Government (DILG), Manila, Philippines, 26 November 2013.
26. "Subnational Infrastructure in Indonesia: Condition, Impact, and Spending," presentation at Ministry of Finance Workshop on Alternative Mechanisms for Financing Infrastructure, Jakarta, Indonesia, 26 November 2013.
27. "Fiscal Decentralization in Indonesia: Local Infrastructure Impact and Finance," invited presentation at Joint ADB/LKY-NUS Conference on Getting Policies and Practices Right: Public Sector Management Issues in Asia Lee Kuan Yew School of Public Policy, National University of Singapore, Singapore, 28-29 October 2013.
28. "Twelve Years of Decentralization in Indonesia: A Balance Sheet," invited presentation at Indonesia Update, Australian National University, Canberra, Australia, 20-21, September 2013.
29. "DAK Reimbursement Performance Grant Impact Analysis: Local Government Counterpart Funding, Reporting, and Capital Spending," Note prepared for World Bank, Jakarta, Indonesia, August 2013.
30. "Intergovernmental Transfers and Perverse Incentives in Indonesia: Unmet Assumptions, Unsatisfactory Recommendations," Policy note prepared for World Bank, Jakarta, Indonesia, June 2013.
31. "Explaining Local Education and Health Outcomes in Indonesia," Note prepared for World Bank, Jakarta, Indonesia, May 2013.
32. "Local Fiscal Impact of Shared Non-Tax Revenues in Sulawesi," Note prepared for World Bank, Jakarta, Indonesia, May 2013.
33. "Municipal Revenues, Expenditures, and Access to Infrastructure Services in India," Background paper prepared for South Asia Urbanization Flagship, World Bank, Washington DC. May 2013.
34. "Urbanization, Infrastructure, and Economic Development in Sulawesi," Policy note prepared for Sulawesi Development Diagnostic, World Bank, Jakarta. February 2013.

35. "Framework for Reform," Decentralization and Local Government Workshop, 25-26 September 2012, Bogor, Indonesia.
36. "Local Government Revenue, Spending, and Service Delivery Trends," Decentralization and Local Government Workshop, 25-26 September 2012, Bogor, Indonesia.
37. "DAU (Dis-) Incentives and Local Government (Non-) Responses: Some Preliminary Empirical Evidence," Working Paper, World Bank, Jakarta, Indonesia, May 2012.
38. "A New Intergovernmental Capital Grant for Indonesia: In Pursuit of Economic Growth," paper presented at World Bank and Ministry of Finance Conference on New Visions for Decentralization in Indonesia, 12-13 March 2012, Jakarta, Indonesia.
39. "Regional Development Account: Past Experience and Future Prospects," paper and presentation for World Bank workshop on Subnational Government Borrowing, 21 November 2011, 21 Jakarta, Indonesia.
40. "Local Government Capital Spending, Intergovernmental Fiscal Transfers, and Economic Growth in Indonesia," Paper presented at International Conference on Decentralization and Its Discontents," Centre for Governance and Citizenship Hong Kong Institute of Education, 17-18 November 2011, Hong Kong.
41. "Incentives and Other Mechanisms for Achieving Better Local Service Delivery: International Experience and Potential Relevance for Indonesia" (with Paul Smoke), Paper presented at International Conference on Fiscal Decentralization in Indonesia a Decade after Big Bang, Ministry of Finance, 13-14 September 2001, Jakarta.
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