

## References

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- Agrawal, A., Chhatre, A. and Hardin, R. (2008) Changing governance of the world's forests. *Science*, 320, 1460–1462.
- Alisjahbana, A. (2005) Does Indonesia have the balance right in natural resource revenue-sharing? In Resosudarmo, B. (ed.) *The Politics and Economics of Indonesia's Natural Resources*. Singapore, Institute of Southeast Asian Studies.
- Andersson, K. (2003) What motivates municipal governments? Uncovering the institutional incentives for municipal governance of forest resources in Bolivia. *The Journal of Environment and Development*, 12, 5–27.
- Andersson, K. (2004) Who talks with whom? The role of repeated interactions in decentralized forest governance. *World Development*, 32, 233–249.
- Andersson, K. and Gibson, C. C. (2007) Decentralized governance and environmental change: Local institutional moderation of deforestation in Bolivia. *Journal of Policy Analysis and Management*, 26, 99–123.
- Andersson, K., Gibson, C. C. and Lehoucq, F. (2004) The politics of decentralized natural resource governance. *Political Science and Politics*, 37, 421–426.
- Andersson, K., Gibson, C. C. and Lehoucq, F. (2006) Municipal politics and forest governance: Comparative analysis of decentralization in Bolivia and Guatemala. *World Development*, 34, 576–595.
- Andersson, K., Evans, T., Gibson, C. C. and Wright, G. (2010) Decentralization and deforestation: Comparing local forest governance regimes in Latin America. In Andreas Duit (ed.) *Mapping the Politics of Ecology: Comparative Perspectives on Environmental Politics and Policy*. Cambridge, MA: MIT Press.
- Andrianto, A., Obidzinski, K., Wajdi, F. and Tetuka, B. (2008) Deforestation and forest degradation in Papua post-new order regime. Bogor, Indonesia: Center for International Forestry Research.

- Angelsen, A., Streck, C., Peskett, L., Brown, J. and Luttrell, C. (2008) What is the right scale for REDD? The implications of national, subnational and nested approaches. *Info Brief*. Bogor, Indonesia: Center for International Forestry Research.
- Ashton, R., Boer, R., Cosler, P., DeFries, R., El-Ashry, M. et al. (2008) *How to Include Terrestrial Carbon in Developing Nations in the Overall Climate Change Solution*. Boston, MA: The Terrestrial Carbon Group.
- Badan Pusat Statistik (BPS) Papua (2009) Papua Dalam Angka 2008. Jayapura.
- Bahl, R. (1999) Implementation rules for fiscal decentralization. *International Studies Program Working Paper 99-1*. Atlanta, Andrew Young School of Policy Studies, Georgia State University.
- Bahl, R. (2000) Intergovernmental transfers in developing and transition countries: Principles and practice. *Urban and Local Government Background Series No. 2*. Washington, DC: The World Bank.
- Bahl, R. and Linn, J. (1992) *Urban Public Finance in Developing Countries*. New York: Oxford University Press.
- Bahl, R. and Wallace, S. (2005) Public financing in developing and transition countries. *Public Budgeting and Finance*, 25, 83–98.
- Bahl, R. and Wallace, S. (2007) Intergovernmental transfers: the vertical sharing dimension. In Martinez-Vazquez, J. and Searle, B. (eds) *Fiscal Equalization*. New York: Springer.
- Barr, C. (2000) Profits on paper: The political-economy of fiber, finance, and debt in pulp and paper industries. Bogor, Indonesia: Center for International Forestry Research.
- Barr, C., Resosudarmo, I. A. P., Dermawan, A., McCarthy, J. F., Moeliono, M. and Setiono, B. (2006) Decentralization of forest administration in Indonesia: Implications for forest sustainability, economic development and community livelihoods. Bogor, Indonesia: Center for International Forestry Research.
- Barr, C., Dermawan, A., Purnomo, H. and Komarudin, H. (2009) Financial governance and lessons from Indonesia's reforestation fund. Bogor, Indonesia: Center for International Forestry Research.
- Bennett, A. and Elman, C. (2006) Qualitative research: Recent developments in case study methods. *Annual Review of Political Science*, 9, 455–476.
- Bird, N. (2005) Considerations for choosing an emission target for

- compensated reductions. In Moutinho, P. and Schwartzman, S. (eds) *Tropical Deforestation and Climate Change*. Washington DC: Instituto de Pesquisa Ambiental da Amazônia.
- Bird, R. (1999) *Transfer and Incentives in Intergovernmental Fiscal Relations*. Washington DC, The World Bank.
- Bird, R. (2001) *Intergovernmental Fiscal Relations in Latin America: Policy Design and Policy Outcomes*. Washington DC, Inter-American Development Bank.
- Bird, R. and Ebel, R. (2007) *Fiscal Fragmentation in Decentralized Countries: Subsidiarity, Solidarity, and Asymmetry*. Cheltenham, Edward Elgar Publishing.
- Bird, R. and Smart, M. (2002) Intergovernmental fiscal transfers: International lessons for developing countries. *World Development*, 30, 899–912.
- Blatter, J. and Blume, T. (2008) In search of co-variance, causal mechanisms or congruence? Towards a plural understanding of case studies. *Swiss Political Science Review*, 14, 315–356.
- Boucher, D. (2008) *Out of the Woods: A Realistic Role for Tropical Forests in Curbing Global Warming*. Washington, DC: Union of Concerned Scientists.
- Box, R. (1999) Running government like a business. *The American Review of Public Administration*, 29, 19–43.
- Bradbury, M. D. and Waechter, G. D. (2009) Extreme outsourcing in local government. *Review of Public Personnel Administration*, 29, 230–248.
- Bräutigam, D. (2002) Building leviathan: Revenue, state capacity, and governance. *IDS Bulletin*, 33, 1–17.
- Busch, J., Strassburg, B., Cattaneo, A., Lubowski, R., Bruner, A. et al. (2009) Comparing climate and cost impacts of reference levels for reducing emissions from deforestation. *Environmental Research Letter*, 4, 1–11.
- Busch, J., Lubowski, R., Godoy, F., Yusuf, A., Austin, K. et al. (2011) Structuring national and sub-national economic incentives to reduce emissions from deforestation in Indonesia. *Working Papers in Economics and Development Studies*. Bandung, Indonesia: Department of Economics, Padjadjaran University.
- Butler, R. A., Koh, L. P. and Ghazoul, J. (2009) REDD in the red: Palm oil could undermine carbon payment schemes. *Conservation Letters*, 2, 67–73.
- Cacho, O. J., Marshall, G. R. and Milne, M. (2005) Transaction and

- abatement costs of carbon-sink projects in developing countries. *Environment and Development Economics*, 10, 597–614.
- Cattaneo, A. (2008) How to distribute REDD funds across countries? A stock-flow mechanism. Falmouth, MA: Woods Hole Research Center.
- Cattaneo, A. (2011) Robust design of multiscale programs to reduce deforestation. *Environment and Development Economics*, 16, 455–478.
- Cheema, G. S. and Rondinelli, D. A. (1983) *Decentralization and Development Policy Implementation in Developing Countries*, Beverly Hills: Sage.
- Coffey, A. and Atkinson, P. (1996) *Making Sense of Qualitative Data*, London: Sage.
- Colchester, M., Jiwan, N., Andiko, Sirait, M., Firdaus, A. et al. (2006) *Promised Land: Palm Oil and Land Acquisition in Indonesia – Implications for Local Communities and Indigenous Peoples*. Bogor, Indonesia: Forest Peoples Programme, Perkumpulan Sawit Watch, HuMA and the World Agroforestry Center.
- Contreras-Hermosilla, A. and Fay, C. (2005) *Strengthening Forest Management in Indonesia Through Land Tenure Reform: Issues and Framework Action*. Washington, DC: Forest Trends and Bogor, Indonesia: World Agroforestry Center.
- Conyers, D. (1983) Decentralization: The latest fashion in development administration? *Public Administration and Development*, 3, 97–109.
- Corbera, E., Estrada, M. and Brown, K. (2010) Reducing greenhouse gas emissions from deforestation and forest degradation in developing countries: Revisiting the assumptions. *Climatic Change*, 100, 355–388.
- Dalle, S. P., De Blois, S., Caballero, J. and Johns, T. (2006) Integrating analyses of local land-use regulations, cultural perceptions and land-use/land cover data for assessing the success of community-based conservation. *Forest Ecology and Management*, 222, 370–383.
- Davoodi, H. and Zou, H. F. (1998) Fiscal decentralization and economic growth: A cross-country study. *Journal of Urban Economics*, 43, 244–257.
- De Mello, L. R. (2000) Fiscal decentralization and intergovernmental fiscal relations: A cross-country analysis. *World Development*, 28, 365–380.

- Diaz, D., Hamilton, K. and Johnson, E. (2011) *State of the Forest Carbon Markets 2011: From Canopy to Currency*. Washington, DC: Forest Trends.
- Ebeling, J. and Yasué, M. (2008) Generating carbon finance through avoided deforestation and its potential to create climatic, conservation and human development benefits. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 363, 1917–1924.
- Eliasch Review (2008) *Climate Change: Financing Global Forests*. London: HMSO.
- Fadliya and Mcleod, R. H. (2010) Fiscal transfers to regional governments in Indonesia. *Departmental Working Papers*, Arndt-Corden Department of Economics, The Australian National University, Canberra.
- Falleti, T. G. (2005) A sequential theory of decentralization: Latin American cases in comparative perspective. *American Political Science Review*, 99, 327–346.
- Falleti, T. G. and Lynch, J. F. (2009) Context and causal mechanisms in political analysis. *Comparative Political Studies*, 42, 1143–1166.
- Feldman, M. and Martin, R. (2005) Constructing jurisdictional advantage. *Research Policy*, 34, 1235–1249.
- Fisher, B., Edwards, D. P., Giam, X. and Wilcove, D. S. (2011) The high costs of conserving Southeast Asia's lowland rainforests. *Frontiers in Ecology and the Environment*, 9, 329–334.
- Fischer, F. (2003) *Reframing Public Policy: Discursive Politics and Deliberative Practices*. Oxford: Oxford University Press.
- Føllesdal, A. (1998) Survey article: Subsidiarity. *Journal of Political Philosophy*, 6, 190–218.
- Forest Watch Indonesia and Global Forest Watch (2002) *The State of the Forest Indonesia*. Jakarta, World Resources Indonesia.
- Francis, P. and James, R. (2003) Balancing rural poverty reduction and citizen participation: The contradictions of Uganda's decentralization program. *World Development*, 31, 325–337.
- Furlong, P. and Marsh, D. (2010) A skin not a sweater: Ontology and epistemology in political science. In Marsh, D. and Stoker, G. (eds) *Theory and Methods in Political Science*, 3rd edn. Basingstoke: Macmillan.
- Garnaut Review (2011) Update Paper 1: Weighing the costs and benefits of climate change action. Canberra: Garnaut Climate Change Review.

- Geist, H. J. and Lambin, E. F. (2002) Proximate causes and underlying driving forces of tropical deforestation. *BioScience*, 52, 143–150.
- Gerring, J. (2010) Causal mechanisms: Yes, but... *Comparative Political Studies*, 43, 1499–1526.
- Gibson, C. C. and Lehoucq, F. E. (2003) The local politics of decentralized environmental policy in Guatemala. *The Journal of Environment and Development*, 12, 28–49.
- Government Of Indonesia, (2011) Presidential Decree 61/2011 on National Action Plan to Reduce Greenhouse Gas Emissions, Indonesia.
- Grbich, C. (2007) *Qualitative Data Analysis: An Introduction*. London: Sage.
- Gregersen, H., Contreras-Hermosilla, A., White, A. and Phillips, L. (2004) Forest governance in federal systems: An overview of experiences and implications for decentralization: Work in progress. Bogor, Indonesia: Center for International Forestry Research.
- Gregersen, H., Lakany, H. E., Karsenty, A. and White, A. (2010) *Does the Opportunity Cost Approach Indicate the Real Cost of REDD+? Rights and Realities of Paying for REDD+*. Washington, DC: Rights and Resources Initiative.
- Grieg-Gran, M. (2000) Fiscal incentives for biodiversity conservation: The ICMS Ecologico in Brazil. *Discussion Paper 00-01*. London: International Institute for Environment and Development.
- Grieg-Gran, M. (2008) *The Cost of Avoiding Deforestation: Update of the Report Prepared for the Stern Review of the Economics of Climate Change*. London: International Institute for Environment and Development.
- Guba, E. and Lincoln, Y. (1994) Competing paradigm in qualitative research. In Denzin, N. and Lincoln, Y. (eds) *Handbook of Qualitative Research*. London: Sage.
- Hanley, N. and Spash, C. (1993) *Cost-Benefit Analysis and the Environment*. Cheltenham: Edward Elgar Publishing.
- Harrison, M. (2010) Valuing the future: The social discount rate in cost-benefit analysis. *Visiting Researcher Paper*. Canberra: Productivity Commission.
- Herold, M. and Skutsch, M. (2009) Measurement, reporting and verification for REDD+: Objectives, capacities and institutions. In Angelsen, A. (ed.) *Realising REDD: National Strategies*

- and Policy Options*. Bogor, Indonesia: Center for International Forestry Research.
- Inman, R. P. and Rubinfeld, D. L. (1997) Rethinking federalism. *The Journal of Economic Perspectives*, 11, 43–64.
- IPCC (2006) *IPCC Guidelines for National Greenhouse Gas Inventories. Volume 4: Agriculture, Forestry and Other Land Use*. Intergovernmental Panel on Climate Change (IPCC)., Kanagawa, Japan: IGES.
- Irawan, S. and Tacconi, L. (2009) Reducing emissions from deforestation and forest degradation (REDD) and decentralized forest management. *International Forestry Review*, 11, 427–438.
- Irawan, S., Tacconi, L. and Ring I. (2013) Stakeholders' incentives for land-use change and REDD+: The case of Indonesia. *Ecological Economics*, 87, 75–83.
- Johns, T., Merry, F., Stickler, C., Nepstad, D., Laporte, N. and Goetz, S. (2008) A three-fund approach to incorporating government, public and private forest stewards into a REDD funding mechanism. *International Forestry Review*, 10, 458–464.
- Kaiser, K., Hofman, B., Kadjatkiko and Suharnoko Sjahrir, B. (2006) Evaluating fiscal equalization in Indonesia. *World Bank Policy Research Working Papers*, 3911, 1–36.
- Kartodihardjo, H. and Supriono, A. (2000) Dampak Pembangunan Sektoral terhadap Konversi dan Degradasi Hutan Alam: Kasus Pembangunan HTI dan Perkebunan di Indonesia. Bogor, Indonesia: Center for International Forestry Research.
- Kindermann, G., Obersteiner, M., Sohngen, B., Sathaye, J., Andrasko, K. et al. (2008) Global cost estimates of reducing carbon emissions through avoided deforestation. *Proceedings of the National Academy of Sciences*, 105, 10302–10307.
- King, D. (1984) *Fiscal Tiers: The Economics of Multi-Level Government*. London: HarperCollins.
- Kingdon, J. (1995) *Agenda, Alternatives and Public Policies*, 2nd edn. New York: HarperCollins College Publishers.
- Koh, L. P. and Wilcove, D. S. (2007) Cashing in palm oil for conservation. *Nature*, 448, 993–994.
- Köllner, T., Schelske, O. and Seidl, I. (2002) Integrating biodiversity into intergovernmental fiscal transfers based on cantonal benchmarking: A Swiss case study. *Basic and Applied Ecology*, 3, 381–391.
- Kumar, S. and Managi, S. (2009) Compensation for environmental

- services and intergovernmental fiscal transfers: The case of India. *Ecological Economics*, 68, 3052–3059.
- Kunce, M. and Shogren, J. F. (2005) On interjurisdictional competition and environmental federalism. *Journal of Environmental Economics and Management*, 50, 212–224.
- Larson, A. M. (2002) Natural resources and decentralization in Nicaragua: Are local governments up to the job? *World Development*, 30, 17–31.
- Larson, A. M. (2003) Decentralisation and forest management in Latin America: Towards a working model. *Public Administration and Development*, 23, 211–226.
- Larson, A. M. and Ribot, J. (2009) Lessons from forestry decentralisation. In Angelsen, A., Brockhaus, M. and Kanninen, M. (eds) *Realising REDD+: National Strategy and Policy Options*. Bogor, Indonesia: Center for International Forestry Research.
- Larson, A. M. and Soto, F. (2008) Decentralization of natural resource governance regimes. *Annual Review of Environment and Resources*, 33, 213–239.
- Levine, S. and White, P. E. (1961) Exchange as a conceptual framework for the study of interorganizational relationships. *Administrative Science Quarterly*, 5, 583–601.
- Lewis, B. D. and Oosterman, A. (2009) The Impact of decentralization on subnational government fiscal slack in Indonesia. *Public Budgeting and Finance*, 29, 27–47.
- Mahoney, J. (1999) Nominal, ordinal, and narrative appraisal in macrocausal analysis. *The American Journal of Sociology*, 104, 1154–1196.
- Mahoney, J. (2000) Strategies of causal inference in small-N analysis. *Sociological Methods and Research*, 28, 387–424.
- Mahoney, J. (2001) Review essay: Beyond correlational analysis – recent innovations in theory and method. *Sociological Forum*, 16, 575–593.
- Margono, B. A., Potapov, P. V., Turubanova, S., Stolle, F. and Hansen, M. C. (2014) Primary forest cover loss in Indonesia over 2000–2012. *Nature Climate Change*, 4, 730–735.
- Mascia, M. B., Brosius, J. P., Dobson, T. A., Forbes, B. C., Horowitz, L. et al. (2003) Conservation and the social sciences. *Conservation Biology*, 17, 649–650.
- May, P. H., Veiga Neto, F., Denardin, V. and Loureiro, W. (2002) Using fiscal instruments to encourage conservation: Municipal



- responses to the 'ecological' value-added tax in Parana' and Minas Gerais, Brazil. In Pagiola, S., Bishop, J. and Landell-Mills, N. (eds) *Selling Forest Environmental Services: Market-based Mechanisms for Conservation and Development*. London: Earthscan.
- Mccarthy, J. F. and Cramb, R. A. (2009) Policy narratives, landholder engagement, and oil palm expansion on the Malaysian and Indonesian frontiers. *Geographical Journal*, 175, 112–123.
- Meridian Institute (2009) *Reducing Emissions from Deforestation and Forest Degradation (REDD): An Option Assessment Report*. Norway: Meridian Institute.
- Milne, M. (1999) *Transaction Costs of Forest Carbon Projects*. Bogor, Indonesia: Center for International Forestry Research.
- Ministry of Agriculture (2009) Keynote address. *MAKSI Conference*. Bogor, Indonesia, 24 November.
- Ministry of Environment (2009) Republic of Indonesia, Indonesia's Second National Communication, 2009, Indonesia Second National Communication Under The United Nations Framework Convention on Climate Change (UNFCCC), Ministry of Environment, Jakarta.
- Ministry of Finance (2008a) Anggaran Pendapatan Belanja Daerah. The Ministry of Finance, Jakarta.
- Ministry of Finance (2012) APBD TA 2012. The Ministry of Finance, Jakarta.
- Ministry of Finance (2009) Ministry of Finance Green Paper: Economic and Fiscal Policy Strategies for Climate Change Mitigation in Indonesia. Jakarta, The Ministry of Finance and Australia Indonesia Partnership.
- Ministry of Finance (2013) Profil APBD TA 2012, Direktorat Jenderal Perimbangan Keuangan Direktorat Evaluasi Pendanaan dan Informasi Keuangan Daerah, Jakarta. Available at: <http://www.djpk.kemenkeu.go.id/publikasi/apbd/163-profil-apbd-ta-2012>.
- Ministry of Forestry (2005) Operasi Hutan Lestari II, May 2005. Jakarta, The Ministry of Forestry.
- Ministry of Forestry (2008a) Statistik Kehutanan 2008. Jakarta, The Ministry of Forestry.
- Ministry of Forestry (2008b) Penghitungan Deforestasi. Jakarta, The Ministry of Forestry.
- Ministry of Forestry (2008c) Rekalkulasi Penutupan Lahan Indonesia Tahun 2008. Jakarta, The Ministry of Forestry.

- Ministry of Forestry (2013) Statistik Planologi Kehutanan 2012. Jakarta, Direktorat Jenderal Planologi Kehutanan, Ministry of Forestry of Indonesia.
- Ministry of Forestry (2014) Kriteria calon areal IUPHHK-RE dalam hutan produksi, Direktur Bina Rencana Pemanfaatan dan Usaha Kawasan, Direktorat Jenderal Bina Usaha Kehutanan, Kementerian Kehutanan, Bogor. Available at: <http://www.fordamof.org/files/Puskonser.pdf>.
- Mollicone, D., Achard, F., Federici, S., Eva, H., Grassi, G. et al. (2007) An incentive mechanism for reducing emissions from conversion of intact and non-intact forests. *Climatic Change*, 83, 477–493.
- Musgrave, R. (1959) *The Theory of Public Finance: A Study in Public Economy*. New York: McGraw-Hill.
- Myer, E. (2007) Policies to reduce emissions from deforestation and degradation (REDD) in tropical forests: An examination of the issues facing the incorporation of REDD into market-based climate policies. *Resources for the Future Discussion Paper 07–50*. Washington, DC.
- Myers, N., Mittermeier, R. A., Mittermeier, C. G., Da Fonseca, G. A. B. and Kent, J. (2000) Biodiversity hotspots for conservation priorities. *Nature*, 403, 853–858.
- Nagendra, H. (2007) Drivers of reforestation in human-dominated forests. *Proceedings of the National Academy of Sciences*, 104, 15218–15223.
- Naidoo, R., Balmford, A., Ferraro, P. J., Polasky, S., Ricketts, T. H. and Rouget, M. (2006) Integrating economic costs into conservation planning. *Trends in Ecology and Evolution*, 21, 681–687.
- Naidoo, R. and Ricketts, T. H. (2006) Mapping the economic costs and benefits of conservation. *PLoS Biol*, 4, e360.
- Nakhouda S., Caravani, A., Wenzel, A., and Schalatek, L. (2011) The evolving global climate finance architecture: Brief 2. Overseas Development Institute and Heinrich Böll Stiftung North America. Available at: <http://www.odi.org.uk/resources/docs/7468.pdf>.
- Nawir, A. A., Murniati and Rumboko, L. (2007) Forest rehabilitation in Indonesia: Where to after three decades? Bogor, Indonesia: Center for International Forestry Research.
- Nepstad, D., Soares-Filho, B. S., Merry, F., Lima, A., Moutinho, P. et al. (2009) The end of deforestation in the Brazilian Amazon. *Science*, 326, 1350–1351.

- Nepstad, D., Boyd, W., Azevedo, A., Bezerra, T., Smid, B. J. et al. (2012) *Overview of Subnational Programs to Reduce Emissions from Deforestation and Forest Degradation (REDD)*. The Governors' Climate and Forests Task Force. Palo Alto, CA: EPRI.
- Oates, W. (1972) *Fiscal Federalism*. New York: Harcourt Brace Jovanovich.
- Oates, W. E. (1999) An essay on fiscal federalism. *Journal of Economic Literature*, 37, 1120–1149.
- Oates, W. E. (2001) A reconsideration of environmental federalism. *Resources for the Future Discussion Paper*. Available at: <http://ideas.repec.org/p/rff/dpaper/dp-01-54.html>.
- Oliver, C. (1990) Determinants of interorganizational relationships: Integration and future directions. *The Academy of Management Review*, 15, 241–265.
- Pagiola, S. and Bosquet, B. (2008) Estimating the costs of REDD at the country level. *MPRA Paper No. 18062*. Washington, DC, Forest Carbon Partnership – The World Bank.
- Palm, C., Tomich, T., Van Noordwijk, M., Vosti, S., Gockowski, J. et al. (2004) Mitigating GHG emissions in the humid tropics: Case studies from the alternatives to slash-and-burn program (ASB). *Environment, Development and Sustainability*, 6, 145–162.
- Palm, C. A., Woomer, P. L., Alegre, J., Arevalo, L., Castilla, C. et al. (1999) Carbon sequestration and trace gas emissions in slash and burn and alternative land uses in the humid tropics. *ASB Climate Change Working Group Final Report, Phase II*. Nairobi: ASB Coordination Office.
- Parker, C., Mitchell, A., Trivedi, M. and Mardas, N. (2008) *The Little REDD book: A Guide to Governmental and Non-governmental Proposals to Reducing Emissions from Deforestation and Degradation*. Oxford: Global Canopy Programme.
- Parsons, W. (1995) *Public Policy: An Introduction to the Theory and Practice of Policy Analysis*. Cheltenham: Edward Elgar Publishing.
- Pattanayak, S. K., Wunder, S. and Ferraro, P. J. (2010) Show me the money: Do payments supply environmental services in developing countries? *Review of Environmental Economics and Policy*, 4, 254–274.
- Pedroni, L., Dutschke, M., Streck, C. and Porrúa, M. (2009) Creating incentives for avoiding further deforestation: The nested approach. *Climate Policy*, 9, 207–220.

- Perman, R., Ma, Y., Common, M., Maddison, D. and McGilvray, J. (2011) *Natural Resource and Environmental Economics*, 4th edn. London: Pearson Education Limited.
- Pirard, R. (2008) Estimating opportunity costs of avoided deforestation (REDD): Application of a flexible stepwise approach to the Indonesian pulp sector. *International Forestry Review*, 10, 512–522.
- Resosudarmo, I. A. P., Barr, C., Dermawan, A. and McCarthy, J. F. (2006) Fiscal balancing and the redistribution of forest revenues. In Barr, C., Resosudarmo, I. A. P., Dermawan, A., McCarthy, J. F., Moeliono, M. and Setiono, B. (eds) *Decentralization of Forest Administration in Indonesia: Implications for Forest Sustainability, Economic Development and Community Livelihoods*. Bogor, Indonesia: Center for International Forestry Research.
- Riau Provincial Forestry Office (2013) Laporan Tahunan Dinas Kehutanan Provinsi Riau Tahun 2012, Dinas Kehutanan Provinsi Riau, Pekanbaru.
- Ribot, J. C. (2003) Democratic decentralisation of natural resources: Institutional choice and discretionary power transfers in sub-Saharan Africa. *Public Administration and Development*, 23, 53–65.
- Ribot, J. C., Agrawal, A. and Larson, A. M. (2006) Recentralizing while decentralizing: How national governments reappropriate forest resources. *World Development*, 34, 1864–1886.
- Richards, K. R. and Stokes, C. (2004) A review of forest carbon sequestration cost studies: A dozen years of research. *Climatic Change*, 63, 1–48.
- Ring, I. (2002) Ecological public functions and fiscal equalisation at the local level in Germany. *Ecological Economics*, 42, 415–427.
- Ring, I. (2008a) Biodiversity governance: Adjusting local costs and global benefits. In Sikor, T. (ed.) *Public and Private in Natural Resource Governance: A False Dichotomy?* London: Earthscan.
- Ring, I. (2008b) Compensating municipalities for protected areas: Fiscal transfers for biodiversity conservation in Saxony, Germany. *GAI A – Ecological Perspectives for Science and Society*, 17, 143–151.
- Ring, I. (2008c) Integrating local ecological services into intergovernmental fiscal transfers: The case of the ecological ICMS in Brazil. *Land Use Policy*, 25, 485–497.
- Ring, I., Drechsler, M., Van Teeffelen, A. J. A., Irawan, S. and Venter, O. (2010) Biodiversity conservation and climate

- mitigation: What role can economic instruments play? *Current Opinion in Environmental Sustainability*, 2, 50–58.
- Rist, L., Feintrenie, L. and Levang, P. (2010) The livelihood impacts of oil palm: Smallholders in Indonesia. *Biodiversity and Conservation*, 19, 1009–1024.
- Robson, C. (2002) *Real World Research: A Source for Social Scientists and Practitioner-Researchers*. Oxford: Backwell Publishing.
- Rondinelli, D. A. (1990) Decentralization, territorial power and the state: A critical response. *Development and Change*, 21, 491–500.
- Rötheli, E. (2007) *An Analysis of the Economic Implications of Developing Oil Palm Plantations on Deforested Land in Indonesia*. Gland, Switzerland: Worldwide Fund for Nature.
- Sabatier, P. (1988) An advocacy coalition framework of policy change and the role of policy-oriented learning therein. *Policy Science*, 21, 129–168.
- Sabatier, P. (1991) Toward better theories of the policy process. *Political Science and Politics*, 24, 147–156.
- Sabatier, P. and Mazmanian, D. (1979) The conditions of effective implementation: A guide to accomplishing policy objectives. *Policy Analysis*, 5, 481–504.
- Sabatier, P. and Mazmanian, D. (1980) The implementation of public policy: A framework of analysis. *Policy Studies Journal*, 8, 538–560.
- Sandker, M., Suwarno, A. and Campbell, B. (2007) Will forests remain in the face of oil palm expansion? Simulating change in Malinau, Indonesia. *Ecology and Society*, 12, 37.
- Santilli, M., Moutinho, P., Schwartzman, S., Nepstad, D., Curran, L. and Nobre, C. (2005) Tropical deforestation and the Kyoto Protocol. *Climatic Change*, 71, 267–276.
- Santos, R., Ring, I., Antunes, P. and Clemente, P. (2012) Fiscal transfers for biodiversity conservation: The Portugal local finances law. *Land Use Policy*, 29, 261–273.
- Santoso, I. (2008) Perjalanan Desentralisasi Pengurusan Sumberdaya Hutan Indonesia. Paper presented in the International Seminar *Ten Years Along: Decentralization, Land, and Natural Resources in Indonesia*, Universitas Atma Jaya Jakarta, 15–16 July.
- Schlamadinger, B., Ciccamese, L., Dutschke, M., Fearnside, P. M., Brown, S. and Mudiyarso, D. (2005) Should we include avoidance of deforestation in the international response to climate change? In Moutinho, P. and Schwartzman, S. (eds) *Tropical Deforestation*

- and Climate Change*. Washington, DC: Instituto de Pesquisa Ambiental da Amazônia.
- Schneider, A. (2003) Decentralization: Conceptualization and measurement. *Studies in Comparative International Development (SCID)*, 38, 32–56.
- Searle, B. (2007) Revenue sharing, natural resources and fiscal equalization. In Martinez-Vazquez, J. and Searle, B. (eds) *Fiscal Equalization*. New York: Springer.
- Shah, A. (2006) A practitioner's guide to intergovernmental fiscal transfers. *World Bank Policy Research Working Paper 4039*. Washington, DC: The World Bank.
- Sigman, H. (2005) Transboundary spillovers and decentralization of environmental policies. *Journal of Environmental Economics and Management*, 50, 82–101.
- Singer, B. (2009) Indonesian forest-related policies: A multisectoral overview of public policies in Indonesia's forests since 1965. Ph.D. thesis. France, Institut d'Etudes Politiques and CIRAD.
- Skocpol, T. (1979) *States and Social Revolutions: A Comparative Analysis of France, Russia, and China*. Cambridge: Cambridge University Press.
- Smith, K. (2011) Discounting, risk and uncertainty in economic appraisals of climate change policy: Comparing Nordhaus, Garnaut and Stern. *Garnaut Climate Change Review – Update 2011*. Canberra: Department of Climate Change and Energy Efficiency.
- Stern, N. (2006) *Stern Review on the Economics of Climate Change*. Cambridge: Cambridge University Press.
- Strassburg, B., Turner, R. K., Fisher, B., Schaeffer, R. and Lovett, A. (2009) Reducing emissions from deforestation: The 'combined incentives' mechanism and empirical simulations. *Global Environmental Change*, 19, 265–278.
- Subarudi and Dwiprabowo, H. (2007) Otonomi daerah bidang kehutanan: implementasi dan tantangan kebijakan perimbangan keuangan. Bogor, Indonesia: Center for International Forestry Research.
- Susila, W. (2004) Contribution of oil palm industry to economic growth and poverty alleviation in Indonesia. *Jurnal Litbang Pertanian*, 23, 107–114.
- Tacconi, L. (2007) Decentralization, forests and livelihoods: Theory and narrative. *Global Environmental Change*, 17, 338–348.

- Tacconi, L., Mahanty, S. and Suich, H. (2010) Forests, payments for environmental services and livelihoods. In Tacconi, L., Mahanty, S. and Suich, H. (eds) *Payments for Environmental Services, Forest Conservation and Climate Change: Livelihoods in the REDD?* Cheltenham: Edward Elgar Publishing.
- Tedjasukmana, J. (2007) Heroes of the environment: Barnabas Suebu. *Time*, 17 October. Available at: [http://www.time.com/time/specials/2007/article/0,28804,1663317\\_1663319\\_1669895,00.html](http://www.time.com/time/specials/2007/article/0,28804,1663317_1663319_1669895,00.html).
- Telapak and EIA (2006) Behind the veneer: How Indonesia's last rainforests are being felled for flooring. Bogor, Indonesia: Telapak, and London: Environmental Investigation Agency.
- Tiebout, C. M. (1956) A pure theory of local expenditure. *The Journal of Political Economy*, 64, 416–424.
- Tropenbos International (2010) Improving governance, policy and institutional arrangements to reduce emissions from deforestation and degradation (REDD). Jakarta: Tropenbos International.
- UNFCCC (2009a) Report on the expert meeting on methodological issues relating to reference emission levels and reference levels, held in Bonn from 1 to 10 June 2009, 1F4C CMCa/yS 2B0S0T9A /2009/2. Bonn: UNFCCC.
- UNFCCC (2009b) Cost of implementing methodologies and monitoring systems relating to estimates of emissions from deforestation and forest degradation, the assessment of carbon stocks and greenhouse gas emissions from changes in forest cover, and the enhancement of forest carbon stocks. FCCC/TP/2009/1. Bonn: UNFCCC.
- UNFCCC (2013) Decision 9/CP.19. Report of the Conference of the Parties on its nineteenth session, held in Warsaw from 11 to 23 November 2013. Bonn: UNFCCC.
- Upton, S. (2009) The impact of migration on the people of Papua, Indonesia: A historical demographic analysis. Ph.D. thesis. Sydney: University of New South Wales.
- Uryu, Y., Mott, C., Foad, N., Yulianto, K., Budiman, A. et al. (2008) *Deforestation, Forest Degradation, Biodiversity Loss and CO2 Emissions in Riau, Sumatra, Indonesia*. Jakarta: WWF Indonesia.
- Usman, S., Mawardi, Ms., Poesoro, A., Suryahardi, A., Sampford, D. (2008) The specific allocation fund (DAK): Mechanisms and uses. Jakarta: SMERU.

- Vatn, A. and Angelsen, A. (2009) Options for a national REDD+ architecture. In Angelsen, A., Brockhaus, M. and Kanninen, M. (eds) *Realizing REDD+: National Strategy and Policy Options*. Bogor, Indonesia: Center for International Forestry Research.
- Venter, O., Meijaard, E., Possingham, H., Dennis, R., Sheil, D. et al. (2009) Carbon payments as a safeguard for threatened tropical mammals. *Conservation Letters*, 2, 123–129.
- Wertz-Kanounnikoff, S. (2008) Estimating the costs of reducing forest emissions: A review of methods. Bogor, Indonesia: Center for International Forestry Research.
- Williams, W. (1975) Implementation analysis and assessment. *Policy Analysis*, 1, 531–566.
- Williamson, J., Karp, D. and Daphin, J. (1977) *The Research Craft: An Introduction to Social Science Methods*. Canada: Little, Brown and Company.
- World Bank (2007a) *Indonesia and Climate Change: Current Status and Policies*. Jakarta: The World Bank.
- World Bank (2007b) *Public Expenditure Review: Spending for Development, Making the Most of Indonesia's New Opportunities*. Jakarta: The World Bank.
- Wunder, S. (2007) The efficiency of payments for environmental services in tropical conservation. *Conservation Biology*, 21, 10.
- Wunder, S. (2010) Forest decentralization for REDD? A response to Sandbrook et al. *Oryx*, 44, 335–337.
- Yanow, D. (2000) *Conducting Interpretive Policy Analysis*. Thousand Oaks, CA: Sage.
- Yee, A. (1996) The causal effect of ideas on policies. *International Organization*, 50, 69–108.
- Zen, Z., Barlow, C. and Gondowarsito, R. (2005) Oil palm in Indonesian socio-economic improvement: A review of options. *Working Papers in Trade and Development 2005-11*. Canberra: Research School of Pacific and Asian Studies, Australian National University.



