

# REFERENCES

Alex Abiko, Luiz Reinaldo de Azevedo Cardoso, Ricardo Rinaldelli, and Heitor Cesar Riogi Haga. 2007. Basic costs of slum upgrading in Brazil. *Global Urban Development* 3 (November).

Abramo, Pedro. 2009. Favela e mercado informal: A nova porta de entrada dos pobres nas cidades brasileiras. Porto Alegre, Brazil: IPPUR.

Alfonsin, Betânia de Moraes. 1997. Instrumentos e experiencias de regularização fundiaria nas cidades Brasileiras. Observatório de políticas urbanas. Rio de Janeiro: IPPUR e FASE.

Angel, Shlomo, Egypt Brown, Dessislava Dimitrova, David Ehrenberg, Jim Heyes, Peter Kusek, Giancarlo Marchesi, Viany Orozco, Lauren Smith, and Ernesto Vilchis. 2006. Secure tenure in Latin America and the Caribbean: Regularization of informal urban settlements in Peru, Mexico and Brazil. Princeton, NJ: Woodrow Wilson School of Public and International Affairs, Princeton University.

Arruñada, Benito. 2009. Property titling and conveyancing. Economics Working Papers 1177. Barcelona, Spain: Universitat Pompeu Fabra, Department of Economics and Business.

Azevedo, Reinaldo. 2010. A tragedia no Rio, a solidariedade e os vigaristas. June 4. *Blog.Veja.com* 

Batt, H. William. 2004. The mystery of capital: Why capitalism triumphs in the West and fails everywhere else. Book review. *GroundSwell* November-December.

Biderman, Ciro, Martim O. Smolka, and Anna Sant'Anna. 2008. Urban housing informality: Does building and land use regulation matter? *Land Lines* 20(3): 14–19.

Brakarz, José, Margarita Greene, and Eduardo Rojas. 2002. *Cities for all: Recent experiences with neighborhood upgrading programs*. Washington, DC: Inter-American Development Bank.

Calderón Cockburn, Julio. 1998. Regularization of urban land in Peru. *Land Lines* 10(3).

——. 2007b. The formalisation of property in Peru, 2001–2002: The case of Lima. *Habitat International* 28(2): 289–300.

——. 2010. Titulación de la propiedad y mercado inmobiliario. *Estudios Demográficos y Urbanos* 25(3): 625–661.

Carvalho, Celso Santos, and Denise de Campos Gouveia. 2009. *Regularização fundiaria urbana no Brasil*. Brasília: Ministerio das Cidades.

CEPAL (Comisión Económica para América Latina). 2010. Statistical yearbook for Latin America and the Caribbean, 2010. Santiago, Chile. http://www.eclac.org/

Clichevsky, Nora. 2006. Regularizando la informalidad del suelo en América Latina y el Caribe. Una evaluación sobre la base de 13 países y 71 programas. Santiago de Chile: UN-CEPAL, Series Manuales 50. División de Desarrollo Sostenible y Asentamientos Humanos.

COHRE (Center on Housing Rights and Evictions). 2006. Forced evictions: Violations of human rights, 2003–2006. Global Survey 10. Geneva, Switzerland.

Cuenin, Fernando. 2010. Economic analysis for settlement upgrading programmes. In *Building Cities: Neighbourhood Upgrading and Urban Quality of Life*, ed. Eduardo Rojas, 199–211. Washington, DC: Inter-American Development Bank.

Damasio, Cláudia. 2006. Urbanizador social de informalidade à parceria. Porto Alegre, Brazil: Livraria do Arquiteto.

de Soto, Hernando. 1989. *The other path: The economic answer to terrorism*. New York: Basic Books.

-------. 2000. The mystery of capital: Why capitalism triumphs in the west and fails everywhere else. New York: Basic Books.

Deininger, Klaus, and Gershon Feder. 2009. Land registration, governance, and development: Evidence and implications for policy. *The World Bank Research Observer* 24(2): 233–266.

diPasquale, Denise, and Jean L. Cummings. 2002. The spatial implications of housing policy in Chile. In *Chile: Political economy of urban development*, E.L. Glaeser and J.R. Meyer, eds. Cambridge, MA: Harvard University Press. Distrito Federal. 2006. *Diagnóstico prelimimar dos parcelamentos urbanos informais o Distrito Federal*. Brasilia: Governo do Distrito Federal, Secretaria de Estado de Desenvolvimento Urbano e Habitação.

Dowall, David. 2007. Brazil's urban land and housing markets: How well are they working? In *Land policies and their outcomes*, Gregory K. Ingram and Yu-Hung Hong, eds., 405–438. Cambridge, MA: Lincoln Institute of Land Policy.

Durand-Lasserve, Alain. 2006. Informal settlements and the millennium development goals: Global policy debates on property ownership and security of tenure. *Global Urban Development Magazine* 2(1) March: 1-15.

Fernandes, Edésio. 2007. Constructing the 'Right to the City' in Brazil. Social & Legal Studies 16.

Fernandes, Edésio. 2006. Principles, bases, and challenges of the national programme to support sustainable urban land regularization in Brazil. In *Informal settlements: A perpetual challenge*? Marie Huchzermeyer and Aly Karam, eds. Cape Town, SA: University of Cape Town Press.

Fernandes, Edésio, and María Mercedes Maldonado Copello. 2009. Law and land policy in Latin America: Shifting paradigms and possibilities for action. *Land Lines* 21(3): 14–19.

Field, Erica. 2006. Fertility responses to urban land titling programs: The roles of ownership security and the distribution of household assets. Working Paper. Cambridge, MA: Harvard University.

Field, Erica. 2007. Entitled to work: Urban tenure security and labor supply in Peru. *Quarterly Journal of Economics* 4(122): 1561–1602.

Field, Erica, and Máximo Torero. 2006. Do property titles increase credit access among the urban poor? Evidence from a nationwide titling program. Working Paper. Cambridge, MA: Harvard University.

Galiani, Sebastian, and Ernesto Schargrodsky. 2004. Effects of land titling on child health. *Economics and Human Biology* 2(3): 353–372.

Goytia, Cynthia, Cecilia de Mendoza, and Ricardo Pasquini. 2010. Land regulation in the urban agglomerates of Argentina and its relationship with households' residential tenure condition. Working Paper. Cambridge, MA: Lincoln Institute of Land Policy. Guerinoni, Felipe Morris. 2004. La formaliazación de la propriedad en el Peru: Develando el Misterio. Lima, Perú: COFOPRI and the World Bank Urban Property Rights Project.

IBGE (Instituto Brasileiro de Geografia e Estatística). 2000. Demographic Census 2000. http://www.ibge.gov.br/english/

IPEA. n.d. Ipeadata. http://www.ipeadata.gov.br

IPEA 2009. Comunicado da Presidencia, No. 28, August 27. https://www.ipea.gov.br/portal/images/ stories/PDFs/comunicado/090827\_comunicadoipea28. pdf

Krueckeberg, Donald A., and Kurt G. Paulsen. 2002. Evaluating the experience of Brazilian, South African, and Indian urban tenure programs. In *Holding their ground: Secure land tenure for the urban poor in developing countries*, Alain Durand-Lasserve and Lauren Royston, eds., 233–243. London: Earthscan.

Larangeira, Adriana. 2002. Estudo de avaliação da experiência Brasileira sobre urbanização de favelas e regularização fundiária. Rio de Janeiro: IBAM/Banco Mundial.

MacDonald, Joan. 2004. Pobreza y precariedad del habitat en ciudades de América Latina y el Caribe. Santiago de Chile: UN-CEPAL.

Maldonaldo Copello, María Mercedes, and Martim O. Smolka. 2003. Using value capture to benefit the poor: The Usme project in Colombia. *Land Lines* 15(3): 15–17

Miranda, Liliana. 2002. Book review: A new mystery from de Soto? *Environment and Urbanization* 14(1): 263–264.

Payne, Geoffrey, Alain Durand-Lasserve, and Carole Rakodi. 2007. Urban land titling programmes. In *Legal empowerment: A way out of poverty*, M.E. Brother and J. A. Solberg, eds., 11–40. Oslo: Norwegian Ministry of Foreign Affairs.

Payne, Geoffrey, and Edesio Fernandes. 2001. Legality and legitimacy in urban tenure issues. Working Paper. Cambridge, MA: Lincoln Institute of Land Policy.

Pereira Passos Institute. 2002. Evolução da população de favelas no Rio de Janeiro: Uma reflexão sobre os dados mais recentes. Prefeitura da Cidade do Rio de Janeiro. http://www.rio.rj.gov.br

Riofrio, Gustavo. 2008. Peru: Los casos y sus lecciones. PowerPoint presentation. Lincoln Institute of Land Policy Course, Mercados Informales de Suelo y Regularizacion de Asentamientos en America Latina, in Caracas, Venezuela. Rojas, Eduardo. 2010. Building cities: Neighbourhood upgrading and urban quality of life. Washington, DC: Inter-American Development Bank.

Smets P. G. S. M. 2003. The market does not work for all, and not just because of lacking property titles. *Focaal–European Journal of Anthropology* 41: 193–196.

Smolka, Martim ). 2003, Informality, urban poverty, and land market prices. *Land Lines 15*(1).

Smolka, Martim O., and Ciro Biderman. 2009. Measuring informality in housing settlements: Why bother? *Land Lines* 21(2): 14–19.

——\_\_\_\_. 2011. Housing informality: An economist's perspective on urban planning. In *Oxford handbook of urban economics and planning*, Nancy Brooks, Kieran Donaghy, and Gerrit Knaap, eds. New York: Oxford University Press.

Smolka, Martim O. and Cláudia P. Damasio. 2005. The social urbanizer: Porto Alegre's land policy experiment. *Land Lines* 17(2): 11–14

Smolka, Martim O., and Claudia De Cesare. 2006. Property taxation and informality: Challenges for Latin America. *Land Lines* 18(3): 14–19.

Smolka, Martim O., and Adriana de A. Larangeira. 2008. Informality and poverty in Latin American urban policies. In *The new global frontier: Urbanization, poverty and environment in the 21st century*, George Martine, Gordon MacGranahan, Mark Montgomery, and Rogelio Fernández-Castilla, eds. London: IIED/UNFPA and Earthscan Publications.

SNPU/Mcidades (Secretarias Nacionais Programas Urbanos /Ministério das Cidades). n.d. http://www.cidades.gov.br/ministerio-das-cidades

UN-HABITAT. 2003. The challenge of slums: Global report on human settlements. London: UN-HABITAT/ Earthscan.

van Horen, Basil. 2001. Developing communitybased watershed management in Greater São Paulo: The case of Santo André. *Environment and Urbanization* 13(1).

World Bank. 2007. World Bank's 2007 Urban Research Symposium, May 1–16, Washington, DC.

## GLOSSARY

CEPAL: La Comisión Económica para América Latina (ECLAC: Economic Commission for Latin America and the Caribbean; formerly known as ECLA), United Nations, Santiago, Chile. www. eclac.org

COFIDE Corporación Financiera de Desarollo (Development Finance Corporation), Peru. www.cofide.com.pe

COFOPRI: Comisión de Formalización de la Propiedad Informal (Commissionfor the Formalization of Informal Property), Peru. www.cofopri.gob.pe

COHRE: Center for Housing Rights and Evictions, Geneva, Switzerland. www.cohre.org

CORETT: Comision para la Regularizacion de la Tenencia de la Tierra (Commission for the Regularization of Land Tenure), Mexico. www.corett. gob.mx/index/index.php

IBGE: Instituto Brasileiro de Geografia e Estatística (Brazilian Institute of Geography and Statistics), Brazil. www.ibge.gov.br/english

IPEA: Instituto de Pesquisa Econômica Aplicada (Institute for Applied Economic Research), Brazil. www.ipea.gov.br/portal

PROCEDE: Programa de Certificación de Derechos Ejidales y Titulación de Solares (Program for Certification of Rights to Ejido Lands, called PROCEDE), Mexico. http://web.ku.edu/ ~mexind/PROCEDE.htm

PRIMED: Programa Integral de Mejoramiento de Barrios Informales en Medellín (Integrated Program for the Improvement of Informal Neighborhoods in Medellín), Colombia. http://habitat.aq.upm.es/ bpal/onu98/bp002.html

SNPU/Mcidades: Secretarias Nacionais Programas Urbanos/Ministério das Cidades (National Secretariat for Urban Programs/Ministry of the Cities), Brazil. www.cidades.gov.br/ministerio-das-cidades

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# Regularization of Informal Settlements In Latin America

wellings in informal settlements generally lack formal legal titles, and they may exhibit irregular development patterns, lack essential public services such as sanitation, and occur on environmentally vulnerable or public land. Whether they take place on private or public land, informal settlements are developed progressively over many years, and some have existed for decades. A key aspect of informality is the lack of de jure or formal title, although many urban residents feel secure with de facto property rights of ownership based on customary practices.

Policies to regularize informal settlements have been attempted in most Latin American countries, and experience demonstrates that regularization programs need to be designed carefully to avoid either making conditions worse for the low-income residents the programs are intended to help or stimulating the development of new informal settlements. Regularization programs follow two main paradigms. The first, exemplified by Peru, involves the narrow legalization of tenure through titling and is inspired by Hernando de Soto's hypothesis that tenure security is a trigger for development. Brazil's broader regularization programs combine legal titling with the upgrading of public services, job creation, and community support structures.

Recommendations for improving regularization policy and specific programs must address the following issues:

- Evaluate the performance of regularization programs, including the collection of both baseline data before program implementation and subsequent data on program costs and outcomes.
- Customize policies and programs, because a single approach is unlikely to work well across all situations.
- Use appropriate titling systems (freehold, leasehold, cooperatives, land trusts, or communal ownership) to ensure the socioeconomic sustainability of the community.
- Seek the participation of both men and women to avoid building gender bias into the process and increase its long-term effectiveness.
- Make regularization more self-sustaining financially through property taxes; charges on urban infrastructure and service improvements to capture part of the resulting land value increment; and equitable fiscal burdens on all segments of the society.
- Support more research and analysis to determine if the situation is improving or worsening in particular cities and to prevent the establishment of additional informal settlements, particularly when they are thought to be caused by regularization programs themselves.



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