## CEGE3032 / CEGEG132 / CEGEM132: Engineering and International Development



Allen, A., 'Chapter 2 Neither Rural nor Urban: Service Delivery Options That Work for the Peri-Urban Poor', in Peri-Urban Water and Sanitation Services: Policy, Planning and Method, ed. by Mathew Kurian and Patricia L. McCarney (Dordrecht: Springer, 2010)

Anderson, Jamie, and Costas Markides, 'Strategic Innovation at the Base of the Pyramid', MIT Sloan Management Review, 49.1 (2007)

<a href="http://sloanreview.mit.edu/article/strategic-innovation-at-the-base-of-the-pyramid/">http://sloanreview.mit.edu/article/strategic-innovation-at-the-base-of-the-pyramid/>

'Arup and Engineers Against Poverty (EAP), Aspire User Manual' (ARUP) <a href="http://www.engineersagainstpoverty.org/site/engi/templates/general.aspx?pageid=36&cc=qb>" aspire User Manual" (ARUP) <a href="http://www.engineersagainstpoverty.org/site/engi/templates/general.aspx?pageid=36&cc=qb>" aspx.org/site/engi/templates/general.aspx?pageid=36&cc=qb>" aspx.org/site/engi/templates/general.aspx?pageid=36&cc=qb>" aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/engi/templates/general.aspx.org/site/en

'ASPIRE - Engineers Against Poverty'

<a href="http://www.engineersagainstpoverty.org/site/engi/templates/general.aspx?pageid=36&cc=gb>"> http://www.engineersagainstpoverty.org/site/engi/templates/general.aspx?pageid=36&cc=gb>">

Banerjee, Sudeshna Ghosh, Elvira Morella, and World Bank, Africa's Water and Sanitation Infrastructure: Access, Affordability, and Alternatives (Washington, D.C.: World Bank, 2011), Directions in development. Infrastructure

———, Africa's Water and Sanitation Infrastructure: Access, Affordability, and Alternatives (Washington, D.C.: World Bank, 2011), Directions in development. Infrastructure

Bengtsson, Linus, Xin Lu, Anna Thorson, Richard Garfield, and Johan von Schreeb, 'Improved Response to Disasters and Outbreaks by Tracking Population Movements with Mobile Phone Network Data: A Post-Earthquake Geospatial Study in Haiti', PLoS Medicine, 8.8 (2011) <a href="https://doi.org/10.1371/journal.pmed.1001083">https://doi.org/10.1371/journal.pmed.1001083</a>>

'Beyond Scarcity: Power, Poverty and the Global Water Crisis. Human Development Report 2006' <a href="http://hdr.undp.org/en/content/human-development-report-2006">http://hdr.undp.org/en/content/human-development-report-2006</a>>

Bhattacharya, Amar, Mattia Romani, and Nicholas Stern, 'Infrastructure for Development: Meeting the Challenge. (Policy Paper, Centre for Climate Change Economics and Policy)' (Grantham Research Institute on Climate Change and the Environment in collaboration with Intergovernmental group of twenty four., 2012)

<a href="http://www.cccep.ac.uk/publication/infrastructure-for-development-meeting-the-challenge/">http://www.cccep.ac.uk/publication/infrastructure-for-development-meeting-the-challenge/>

Campos et al., L. C., 'Simulating Nutrient and Energy Fluxes in Non-Networked Sanitation Systems' (London: University College London, 2012)

<a href="http://www.susana.org/en/resources/library/details/1797">http://www.susana.org/en/resources/library/details/1797</a>

Chambers, Robert, 'Going to Scale with Community-Led Total Sanitation: Reflections on Experience, Issues and Ways Forward', IDS Practice Papers, 2009.1 (2009), 01–50 <a href="https://doi.org/10.1111/j.2040-0225.2009.00001">https://doi.org/10.1111/j.2040-0225.2009.00001</a> 2.x>

———, Revolutions in Development Inquiry (London: Earthscan, 2008) <a href="https://www.dawsonera.com/abstract/9781849772426">https://www.dawsonera.com/abstract/9781849772426</a>>

———, Revolutions in Development Inquiry (London: Earthscan, 2008) <a href="https://www.dawsonera.com/abstract/9781849772426">https://www.dawsonera.com/abstract/9781849772426</a>

Clauss, D., and M. Hall, 'Results-Oriented Monitoring Handbook' (EuropeAid, 2012) <a href="http://capacity4dev.ec.europa.eu/dear-programme/document/europeaid-results-oriented-monitoring-handbook">http://capacity4dev.ec.europa.eu/dear-programme/document/europeaid-results-oriented-monitoring-handbook</a>

Crawford, C., and S. Bell, 'Analysing the Relationship between Urban Livelihoods and Water Infrastructure in Three Settlements in Cusco, Peru', Urban Studies, 49.5 (2012), 1045–64 <a href="https://doi.org/10.1177/0042098011408140">https://doi.org/10.1177/0042098011408140</a>

'DelAgua - User Manuals' <a href="http://www.delagua.org/support/usermanuals">http://www.delagua.org/support/usermanuals</a>

DPU Peri-Urban Interface Team, 'Water Supply and Sanitation Wheels', in So Close to the City, so Far from the Pipes: The Governance of Water and Sanitation and the Peri-Urban Poor (London: UCL Development Planning Unit, 2006) <a href="http://r4d.dfid.gov.uk/Output/174827/">http://r4d.dfid.gov.uk/Output/174827/</a>

'EMMA | Emergency Market Mapping and Analysis Toolkit' <a href="http://emma-toolkit.org/">http://emma-toolkit.org/</a>

'EMMA Toolkit Step 6: Mapping the Market System' <a href="http://emma-toolkit.org/get/download/">http://emma-toolkit.org/get/download/</a>

'Energy for All: Financing Access for the Poor, Special Early Excerpt of the World Energy Outlook 2011.' (Paris: International Energy Agency, 2011)

<a href="http://www.iea.org/publications/freepublications/publication/weo-2011---special-report---e">http://www.iea.org/publications/freepublications/publication/weo-2011---special-report---e</a> nergy-for-all.html>

'Energy for Development Network' <a href="http://www.energyfordevelopment.net/projects-2/kitonyoni/">http://www.energyfordevelopment.net/projects-2/kitonyoni/</a>

'E.Quinox' <a href="http://www.e.quinox.org/">http://www.e.quinox.org/</a>

'Future Proofing Cities, Risks and Opportunities for Inclusive Urban Growth in Developing Countries'

<a href="https://assets.publishing.service.gov.uk/media/57a08a67e5274a31e00005ae/FPC\_ReportFINAL.pdf">https://assets.publishing.service.gov.uk/media/57a08a67e5274a31e00005ae/FPC\_ReportFINAL.pdf</a>

Gerard, Gill, 'O.K., the Data's Lousy, But Its All We've Got (Being a Critique of Conventional Methods)' (IIED, 1993) <a href="http://pubs.iied.org/6052IIED.html">http://pubs.iied.org/6052IIED.html</a>

'Glossary of Key Terms in Evaluation and Results Based Management' (Paris: OECD, 2002)

<a href="http://www.oecd.org/fr/cad/evaluation/glossaryofkeytermsinevaluationandresultsbasedmanagement.htm">http://www.oecd.org/fr/cad/evaluation/glossaryofkeytermsinevaluationandresultsbasedmanagement.htm</a>

'Human Development Reports 2013 Technical Notes' (UNDP, 2013) <a href="http://hdr.undp.org/en/2013-report">http://hdr.undp.org/en/2013-report</a>

Lewis, Jerome, 'Technological Leap-Frogging in the Congo Basin. Pygmies and Geographic Positioning Systems in Central Africa: What Has Happened and Where Is It Going?', African Study Monographs Supplementary Issue., 43.15 (2012)

<a href="http://jambo.africa.kyoto-u.ac.jp/asm/suppl/asm">http://jambo.africa.kyoto-u.ac.jp/asm/suppl/asm</a> s43.html>

Luthi, C., A. Panesar, T. Schutze, A. Nordstrom, J. McCanville, J. Parkinson, and others, 'Sustainable Sanitation in Cities: A Framework for Action' (Rijswijk, The Netherlands: Papiroz Publishing House, 2011) <a href="http://www.gdrc.org/uem/usan/usan-documents.html">http://www.gdrc.org/uem/usan/usan-documents.html</a> 'Making Connections: Infrastructure for Poverty Reduction' (Department for International Development (DFID), 2002)

<a href="http://www.eldis.org/go/home&id=11249&type=Document#.VMZ0uSyYtbl">http://www.eldis.org/go/home&id=11249&type=Document#.VMZ0uSyYtbl</a>

Mara, Duncan, Jon Lane, Beth Scott, and David Trouba, 'Sanitation and Health', PLoS Medicine, 7.11 (2010) <a href="https://doi.org/10.1371/journal.pmed.1000363">https://doi.org/10.1371/journal.pmed.1000363</a>

Mashelkar, R. A., 'Breakthrough Designs for Ultra-Low-Cost Products | Video on TED.Com' (RED.com, 2009)

<a href="https://www.ted.com/talks/r\_a\_mashelkar\_breakthrough\_designs\_for\_ultra\_low\_cost\_products">https://www.ted.com/talks/r\_a\_mashelkar\_breakthrough\_designs\_for\_ultra\_low\_cost\_products</a>

'Mobile for Development' <a href="http://www.gsma.com/mobilefordevelopment/">http://www.gsma.com/mobilefordevelopment/</a>

Moyo, Dambisa, Dead Aid: Why Aid Is Not Working and How There Is Another Way for Africa (London: Allen Lane, 2009)

———, Dead Aid: Why Aid Is Not Working and How There Is Another Way for Africa (London: Allen Lane, 2009)

Murphy, Heather M., Edward A. McBean, and Khosrow Farahbakhsh, 'Appropriate Technology – A Comprehensive Approach for Water and Sanitation in the Developing World', Technology in Society, 31.2 (2009), 158–67 <a href="https://doi.org/10.1016/j.techsoc.2009.03.010">https://doi.org/10.1016/j.techsoc.2009.03.010</a>

Parikh, Priti, Himanshu Parikh, and Allan McRobie, 'The Role of Infrastructure in Improving Human Settlements', Proceedings of the ICE - Urban Design and Planning, 166.2 (2013), 101–18 <a href="https://doi.org/10.1680/udap.10.00038">https://doi.org/10.1680/udap.10.00038</a>

Payne, G., 'Getting Ahead of the Game: A Twin-Track Approach to Improving Existing Slums and Reducing the Need for Future Slums', Environment and Urbanization, 17.1 (2005), 135–46 <a href="https://doi.org/10.1177/095624780501700114">https://doi.org/10.1177/095624780501700114</a>

Prahalad, C. K., The Fortune at the Bottom of the Pyramid: Eradicating Poverty through Profits, Revised and updated 5th anniversary ed (Upper Saddle River, N.J.: Wharton School Pub, 2010)

———, The Fortune at the Bottom of the Pyramid: Eradicating Poverty through Profits, Revised and updated 5th anniversary ed (Upper Saddle River, N.J.: Wharton School Pub, 2010)

Prahalad, C.K., and A. Hammond, 'Serving the World's Poor, Profitably', Harvard Business Review, 80.9 (2002), 48–57

<a href="https://search.ebscohost.com/login.aspx?direct=true&amp;AuthType=ip,shib&amp;db=bsu&amp;AN=7269399&amp;site=ehost-live&amp;scope=site&amp;custid=s8454451>">https://search.ebscohost.com/login.aspx?direct=true&amp;AuthType=ip,shib&amp;db=bsu&amp;AN=7269399&amp;site=ehost-live&amp;scope=site&amp;custid=s8454451>">https://search.ebscohost.com/login.aspx?direct=true&amp;AuthType=ip,shib&amp;db=bsu&amp;and=bsuam

Ray, Debraj, Development Economics (Princeton, N.J.: Princeton University Press, 1998)

Sachs, Jeffrey, The End of Poverty: How We Can Make It Happen in Our Lifetime (London: Penguin, 2005)

Schillebeeckx, Simon J.D., Priti Parikh, Rahul Bansal, and Gerard George, 'An Integrated Framework for Rural Electrification: Adopting a User-Centric Approach to Business Model Development', Energy Policy, 48 (2012), 687–97 <a href="https://doi.org/10.1016/j.enpol.2012.05.078">https://doi.org/10.1016/j.enpol.2012.05.078</a>

Schumacher, E. F., Small Is Beautiful: A Study of Economics as If People Mattered (London: Abacus, 1974)

———, Small Is Beautiful: A Study of Economics as If People Mattered (London: Abacus, 1973)

'Solar Kits | BBOXX' <a href="mailto://www.bboxx.co.uk/product-category/solar-kits/">http://www.bboxx.co.uk/product-category/solar-kits/</a>

Solo, Tova Maria, 'Independent Water Entrepreneurs in Latin America - the Other Private Sector in Water Services' (The World Bank, 2003)

<a href="http://documents.worldbank.org/curated/en/2003/04/2460905/independent-water-entrepreneurs-latin-america-other-private-sector-water-services">http://documents.worldbank.org/curated/en/2003/04/2460905/independent-water-entrepreneurs-latin-america-other-private-sector-water-services</a>

Soto, Hernando de, The Mystery of Capital: Why Capitalism Triumphs in the West and Fails Everywhere Else (London: Black Swan, 2001)

———, The Mystery of Capital: Why Capitalism Triumphs in the West and Fails Everywhere Else (London: Black Swan, 2001)

Stern et al., E., 'Broadening the Range of Designs and Methods for Impact Evaluations' (London: DFID, 2012) <a href="http://r4d.dfid.gov.uk/Output/189575/">http://r4d.dfid.gov.uk/Output/189575/</a>

'SuSanA Forum'

<a href="http://forum.susana.org/forum/categories/59-wg-6-cities/6197-revised-sanitation-21-plan-ning-framework-draft-for-comment">http://forum.susana.org/forum/categories/59-wg-6-cities/6197-revised-sanitation-21-plan-ning-framework-draft-for-comment</a>

'Sustainable Livelihoods Guidance Sheets: Section 2' (DFID, 1999) <a href="http://www.eldis.org/go/topics&id=41739&type=Document#.VND8KiyYtbl">http://www.eldis.org/go/topics&id=41739&type=Document#.VND8KiyYtbl</a>

Taplin, D., and H. Clark, 'Theory of Change Basics: A Primer on Theory of Change' (Center for Theory of Change) <a href="http://www.theoryofchange.org/library/publications/">http://www.theoryofchange.org/library/publications/</a>

'TED Talks – Anil Gupta: India's Hidden Hotbeds of Invention – Eco-Innovation at the Bottom of the Pyramid', 2012

<a href="http://blogs.exeter.ac.uk/ecoinnovationblog/blog/2012/02/07/ted-talks-anil-gupta-indias-hidden-hotbeds-of-invention/">http://blogs.exeter.ac.uk/ecoinnovationblog/blog/2012/02/07/ted-talks-anil-gupta-indias-hidden-hotbeds-of-invention/</a>

Tilley et al., Elizabeth, 'Compendium of Sanitation Systems and Technologies' (Dübendorf, Switzerland: Eawag, 2008) <a href="http://www.gdrc.org/uem/usan/usan-documents.html">http://www.gdrc.org/uem/usan/usan-documents.html</a>

Turner, John F. C., Housing by People: Towards Autonomy in Building Environments (London: Marion Boyars, 1976), Ideas in progress

'UN-HABITAT Global Urban Indicators Database' <a href="http://ww2.unhabitat.org/programmes/guo/guo">http://ww2.unhabitat.org/programmes/guo/guo</a> indicators.asp>

'Water Safety Planning for Small Community Water Supplies' (Geneva: WHO, 2012) <a href="http://www.who.int/water-sanitation-health/publications/2012/water-supplies/en/">http://www.who.int/water-sanitation-health/publications/2012/water-supplies/en/</a>

Whittington, Dale, Jenna Davis, Linda Prokopy, Kristin Komives, Richard Thorsten, Heather Lukacs, and others, 'How Well Is the Demand-Driven, Community Management Model for Rural Water Supply Systems Doing?', SSRN Electronic Journal, 2008 <a href="https://doi.org/10.2139/ssrn.1265532">https://doi.org/10.2139/ssrn.1265532</a>

Wisor, Scott, Measuring Global Poverty: Toward a pro-Poor Approach (Basingstoke: Palgrave Macmillan, 2012)

'W.K. Kellogg Foundation Logic Model Development Guide' <a href="http://www.wkkf.org/resource-directory/resource/2006/02/wk-kellogg-foundation-logic-model-development-guide">http://www.wkkf.org/resource-directory/resource/2006/02/wk-kellogg-foundation-logic-model-development-guide</a>

World Health Organization; UNICEF, ed., 'Section 6: Sanitary Inspections', in Rapid Asssessment of Drinking-Water Quality (Geneva: World Health Organization, 2012), pp. 57–63

<a href="http://www.who.int/water\_sanitation\_health/publications/2012/rapid\_assessment/en/index.html">http://www.who.int/water\_sanitation\_health/publications/2012/rapid\_assessment/en/index.html</a>

Zerriffi, Hisham, 'Innovative Business Models for the Scale-up of Energy Access Efforts for the Poorest', Current Opinion in Environmental Sustainability, 3.4 (2011), 272–78 <a href="https://doi.org/10.1016/j.cosust.2011.05.002">https://doi.org/10.1016/j.cosust.2011.05.002</a>

———, Rural	Electrification:	Strategies f	for Distributed	Generation	(Dordrecht:	Springer,
2011)						

<a href="http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9789048195947">http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9789048195947</a>