

ANTH0073: Digital Infrastructure: Materiality, Information and Politics

Old code: ANTH7029 UG:
ANTHGM02 PG

[View Online](#)



A F, 'The Moral Technical Imaginaries of Internet Convergence in an American Television Network.', *Digital Labour and Prosumer Capitalism* (Palgrave Macmillan 2015)
<<http://ebookcentral.proquest.com/lib/ucl/reader.action?docID=4008745&ppg=96>>
Abram S, 'Introduction: Science/Technology as Politics by Other Means' (2005) 2005 Focaal

'Alien Energy | Marine Renewable Energy as Alien: Social Studies of an Emerging Industry'
<<http://alienenergy.dk/>>

Amin A, 'Lively Infrastructure' (2014) 31 Theory, Culture & Society 137

Amoore L, 'Biometric Borders: Governing Mobilities in the War on Terror' (2006) 25 Political Geography 336

ANAND N, 'PRESSURE: The PoliTechnics of Water Supply in Mumbai' (2011) 26 Cultural Anthropology 542

Antina von Schnitzler, 'Citizenship Prepaid: Water, Calculability, and Techno-Politics in South Africa*' *Journal of Southern African Studies*
<<http://www.tandfonline.com/doi/abs/10.1080/03057070802456821>>

Appel HC, 'Walls and White Elephants: Oil Extraction, Responsibility, and Infrastructural Violence in Equatorial Guinea' (2012) 13 Ethnography 439

—, 'Walls and White Elephants: Oil Extraction, Responsibility, and Infrastructural Violence in Equatorial Guinea' (2012) 13 Ethnography 439

Aradau C, 'Security That Matters: Critical Infrastructure and Objects of Protection' (2010) 41 Security Dialogue 491

Barry A, *Material Politics* (John Wiley & Sons, Ltd 2013)
<<http://doi.wiley.com/10.1002/9781118529065>>

—, *Material Politics* (John Wiley & Sons, Ltd 2013)
<<http://doi.wiley.com/10.1002/9781118529065>>

Bear L, *Navigating Austerity: Currents of Debt along a South Asian River*, vol Anthropology of policy (Stanford University Press 2015)
<<http://UCL.eblib.com/patron/FullRecord.aspx?p=3568956>>

—, Navigating Austerity: Currents of Debt along a South Asian River, vol Anthropology of policy (Stanford University Press 2015)
<<http://UCL.eblib.com/patron/FullRecord.aspx?p=3568956>>

Bear, Laura, Lines of the Nation - Indian Railway Workers, Bureaucracy, and the Intimate Historical Self <<https://www-jstor-org.libproxy.ucl.ac.uk/stable/10.7312/bear14002>>

Besky S, 'The Future of Price: Communicative Infrastructures and the Financialization of Indian Tea' (2016) 31 Cultural Anthropology 4

Bowker, G., K. Baker, F. Millerand, and D. Ribes, 'Toward Information Infrastructure Studies: Ways of Knowing in a Networked Environment.', International Handbook of Internet Research (Springer Netherlands 2010)
<<http://ebookcentral.proquest.com/lib/ucl/reader.action?docID=645495&ppg=116>>
Bowker, Geoffrey ; Star, Susan, Sorting Things out: Classification and Its Consequences
<<https://direct-mit-edu.libproxy.ucl.ac.uk/books/book/4738/Sorting-Things-OutClassification-and-Its>>

Boyer D, 'From Media Anthropology to the Anthropology of Mediation.' in Richard Fardon and others (eds), The SAGE handbook of social anthropology (SAGE 2012)

Boyer D, 'Energopower: An Introduction' (2014) 87 Anthropological Quarterly 309

Brennan T, The Transmission of Affect (Cornell University Press 2004)
<<http://UCL.eblib.com/patron/FullRecord.aspx?p=3138638>>

Bridle J, Beresford E, and Tantor Media, New Dark Age: Technology and the End of the Future (Unabridged, Tantor Media)
<<https://go.oreilly.com/university-college-london/library/view/~/9781541452589/?ar>>

Bruce Robbins, 'The Sweatshop Sublime' (2002) 117 PMLA 84
<http://www.jstor.org/stable/823252?seq=1#page_scan_contents>

'Chapter 3: Engaging Devices: Everyday Carbon Accounting and the Cost of Involvement', , Material Participation: Technology, the Environment and Everyday Publics
<<http://ebookcentral.proquest.com/lib/ucl/reader.action?docID=1016577&ppg=71>>

CHU JY, 'When Infrastructures Attack: The Workings of Disrepair in China' (2014) 41 American Ethnologist 351

Clough PT and Halley J (eds), The Affective Turn (Duke University Press 2007)
<<http://read.dukeupress.edu/lookup/doi/10.1215/9780822389606>>

Coleman EG, Coding Freedom: The Ethics and Aesthetics of Hacking (Princeton University Press 2013)
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip_shib&db=nlebk&AN=484858&site=ehost-live&scope=site>

Coleman EG and Golub A, 'Hacker Practice: Moral Genres and the Cultural Articulation of Liberalism' (2008) 8 Anthropological Theory 255

COLEMAN G, 'CODE IS SPEECH: Legal Tinkering, Expertise, and Protest among Free and Open Source Software Developers' (2009) 24 Cultural Anthropology 420

Collier S. & A. Lakoff, 'The Vulnerability of Vital Systems: How "Critical Infrastructure" Became a Security Problem' in Myriam Dunn Cavelty and Kristian Søby Kristensen (eds), Securing 'the homeland': critical infrastructure, risk and (in)security, vol CSS studies in security and international relations (Routledge, Taylor & Francis Group 2008)

Collier SJ, Post-Soviet Social: Neoliberalism, Social Modernity, Biopolitics (Princeton University Press 2011) <<http://www.jstor.org/stable/10.2307/j.ctt7sv1v>>

Corsí-n Jiménez A, 'The Right to Infrastructure: A Prototype for Open Source Urbanism' (2014) 32 Environment and Planning D: Society and Space 342

Crang M and Graham S, 'SENTIENT CITIES Ambient Intelligence and the Politics of Urban Space' (2007) 10 Information, Communication & Society 789

'Cultures of Circulation' (2002) 14 Public Culture 191
<<https://muse-jhu-edu.libproxy.ucl.ac.uk/article/26272>>

DALAKOGLOU D and HARVEY P, 'Roads and Anthropology: Ethnographic Perspectives on Space, Time and (Im)Mobility' (2012) 7 Mobilities 459

Dant, T, 'True Automobility'', Objects and materials: a Routledge companion, vol Culture, economy and the social (Routledge 2014)

Day R, The Modern Invention of Information (Southern Illinois University Press 2008)
<<https://muse.jhu.edu/book/22625>>

Dimitris, The Road: An Ethnography of (Im)Mobility, Space and Cross-Border Infrastructures in the Balkans <<http://www.jstor.org/stable/j.ctvnb7ngr>>

Douglas M, Purity and Danger: An Analysis of Concepts of Pollution and Taboo (Routledge and Kegan Paul 1966)

Edwards, P, 'Infrastructure and Modernity: Force, Time and Social Organization in the History of Sociotechnical Systems', Modernity and technology (MIT Press)
<<http://UCL.eblib.com/patron/FullRecord.aspx?p=3338806>>

Edwards PN, A Vast Machine: Computer Models, Climate Data, and the Politics of Global Warming (MIT Press 2010)
<<https://ieeexplore.ieee.org/servlet/opac?bknumber=6267526>>

Elizabeth, 'Routes/Worlds | e-Flux' <<http://www.e-flux.com/journal/routesworlds/>>

FENNELL C, 'Experiments in Vulnerability: Sociability and Care in Chicago's Redeveloping Public Housing' (2014) 26 City & Society 262

Gabrys J, 'Programming Environments: Environmentality and Citizen Sensing in the Smart City' (2014) 32 Environment and Planning D: Society and Space 30

GANDY M, 'Cyborg Urbanization: Complexity and Monstrosity in the Contemporary City' (2005) 29 International Journal of Urban and Regional Research 26

Gilles Deleuze, 'Postscript on the Societies of Control' (1992) 59 October 3
<http://www.jstor.org/stable/778828?seq=1#page_scan_tab_contents>

GLUCKMAN M, 'ANALYSIS OF A SOCIAL SITUATION IN MODERN ZULULAND' (1940) 14 Bantu Studies 1

Graham S and McFarlane C (eds), *Infrastructural Lives: Urban Infrastructure in Context* (Routledge 2015) <<http://dx.doi.org/10.4324/9781315775098>>

Graham S and Thrift N, 'Out of Order: Understanding Repair and Maintenance' (2007) 24 Theory, Culture & Society 1

Green S, Harvey P and Knox H, 'Scales of Place and Networks' (2005) 46 Current Anthropology 805

Green SF, 'Notes from the Balkans: Locating Marginality and Ambiguity on the Greek-Albanian Border', vol Princeton modern Greek studies (Princeton University Press 2005)

Guggenheim M, 'Introduction: Disasters as Politics - Politics as Disasters' (2014) 62 The Sociological Review 1

Harvey P, 'The Materiality of State Effects', State formation: anthropological perspectives, vol Anthropology, culture, and society (Pluto Press 2005)
<<http://www.jstor.org/stable/10.2307/j.ctt18fs5n7>>

—, 'The Materiality of State Effects', State formation: anthropological perspectives, vol Anthropology, culture, and society (Pluto Press 2005)
<<http://www.jstor.org/stable/10.2307/j.ctt18fs5n7>>

Harvey P, 'The Topological Quality of Infrastructural Relation: An Ethnographic Approach' (2012) 29 Theory, Culture & Society 76

Harvey P, 'Infrastructures of the Frontier in Latin America' (2014) 19 The Journal of Latin American and Caribbean Anthropology 280

Harvey P and Knox H, 'The Enchantments of Infrastructure' (2012) 7 Mobilities 521

Harvey P and Knox H, 'Chapter 1', Roads: an anthropology of infrastructure and expertise, vol Expertise (Ithaca, N.Y.) (Cornell University Press 2015)
<https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=14687293320004761&institutionId=4761&customerId=4760&VE=true>

—, 'Introduction to Roads: An Anthropology of Infrastructure and Expertise', Roads: an anthropology of infrastructure and expertise, vol Expertise (Ithaca, N.Y.) (Cornell University Press 2015)

—, Roads: An Anthropology of Infrastructure and Expertise, vol Expertise (Ithaca, N.Y.) (Cornell University Press 2015) <<https://www.jstor.org/stable/10.7591/j.ctt20fw6f8>>

Heather Houser, 'The Aesthetics of Environmental Visualizations: More than Information Ecstasy?' (2014) 26 Public Culture 319
<http://publicculture.dukejournals.org/content/26/2_73/319>

Hetherington K and Campbell JM, 'Nature, Infrastructure, and the State: Rethinking Development in Latin America' (2014) 19 The Journal of Latin American and Caribbean Anthropology 191

Howe C and Boyer D, 'Aeolian Politics' (2015) 16 Distinktion: Scandinavian Journal of Social Theory 31

Jensen CB and Wintherik BR, Monitoring Movements in Development Aid: Recursive Partnerships and Infrastructures, vol Infrastructures series (The MIT Press 2013)
<<http://muse.jhu.edu/books/9780262317016/>>

Jonathan Stern (2012), 'MP3 | Duke University Press' <<https://www.dukeupress.edu/mp3>>

Kelty CM, Two Bits: The Cultural Significance of Free Software, vol Experimental futures (Duke University Press 2008)

Knox H, 'Real-Izing the Virtual: Digital Simulation and the Politics of Future Making i', Objects and materials: a Routledge companion, vol Culture, economy and the social (Routledge 2014)

—, 'THE DEVIL AND CUSTOMER RELATIONSHIP MANAGEMENT' (2010) 3 Journal of Cultural Economy 339

Knox, H and Walford, A, 'Digital Ontology ♦♦ Cultural Anthropology'
<<https://culanth.org/fieldsights/820-digital-ontology>>

Kockelman P, Agent, Person, Subject, Self (Oxford University Press 2012)
<<http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780199926985.001.0001/acprof-9780199926985>>

—, 'The Anthropology of an Equation' (2013) 3 HAU: Journal of Ethnographic Theory

Kuchler S, 'Technological Materiality: Beyond the Dualist Paradigm' (2008) 25 Theory, Culture & Society 101

Langdon Winner, 'Do Artifacts Have Politics?' (1980) 109 Daedalus 121
<[http://www.jstor.org/stable/20024652?seq=1#page_scan_tab_contents](https://www.jstor.org/stable/20024652?seq=1#page_scan_tab_contents)>

Larkin, Brian, 'The Politics and Poetics of Infrastructure' 42 Annual Review of Anthropology 327
<https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_proquest1512220141&context=PC&vid=UCL_VU2=en_US&search_scope=CSCO_P_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains>

,brian%20larkin&offset=0>

Latour B, 'Technology Is Society Made Durable', *A sociology of monsters: essays on power, technology and domination*, vol Sociological review monograph (Routledge 1991)
<<http://www.bruno-latour.fr/sites/default/files/46-TECHNOLOGY-DURABLE-GB.pdf>>

—, *An Inquiry into Modes of Existence: An Anthropology of the Moderns* (Harvard University Press 2013)

Leigh Star S, Bowker G C, ',"How to Infrastructure",' *Handbook of New Media* (SAGE Publications 2005)
<<http://ebookcentral.proquest.com/lib/ucl/reader.action?docID=1023993&ppg=251>>

Lessig L, *Code and Other Laws of Cyberspace* (Basic Books 1999)

Lessig, Lawrence, *The Future of Ideas: The Fate of the Commons in a Connected World.*

'Life off the Grid | University Of Edinburgh | Home' <<http://www.lifeoffthegrid.net/>>

Lury C, Parisi L and Terranova T, 'Introduction: The Becoming Topological of Culture' (2012) 29 *Theory, Culture & Society* 3

Mackenzie A, 'Untangling the Unwired: Wi-Fi and the Cultural Inversion of Infrastructure' (2005) 8 *Space and Culture* 269

—, 'Untangling the Unwired: Wi-Fi and the Cultural Inversion of Infrastructure' (2005) 8 *Space and Culture* 269

Mackenzie A, *Cutting Code: Software and Sociality*, vol *Digital formations* (Peter Lang 2006)

Marcus, G. E, 'Ethnography in/of the World System: The Emergence of Multi-Sited Ethnography'
<<http://www.dourish.com/classes/readings/Marcus-MultiSitedEthnography-ARA.pdf>>

Mary Poovey, 'Figures of Arithmetic, Figures of Speech: The Discourse of Statistics in the 1830s' (1993) 19 *Critical Inquiry* 256
<http://www.jstor.org/stable/1343876?seq=1#page_scan_tab_contents>

—, 'Figures of Arithmetic, Figures of Speech: The Discourse of Statistics in the 1830s' (1993) 19 *Critical Inquiry* 256
<http://www.jstor.org/stable/1343876?seq=1#page_scan_tab_contents>

Massumi B, *Parables for the Virtual* (Stanley Fish and Fredric Jameson eds, Duke University Press 2002) <<http://read.dukeupress.edu/lookup/doi/10.1215/9780822383574>>

Massumi, B, 'The Future Birth of the Affective Fact', *The affect theory reader* (Duke University Press 2010)

Maurer B, *How Would You Like to Pay?* (Duke University Press 2015)

<<http://read.dukeupress.edu/lookup/doi/10.1215/9780822375173>>

McLuhan M, 'Chapter 10', *Understanding media: the extensions of man* (Routledge 1997)
<<https://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=nlebk&AN=611647&site=ehost-live&scope=site&custid=s8454451>>

Mitchell, Timothy, "“Society Economy and the State Effect”", *The anthropology of the state: a reader*, vol Blackwell readers in anthropology (Blackwell 2006)

Mukerji, Chandra., *Impossible Engineering: Technology and Territoriality on the Canal Du Midi* (Princeton University Press 2009)

<<http://quod.lib.umich.edu/cgi/t/text/text-idx?c=acls;idno=heb31547.0001.001>>

Navaro-Yashin Y, ``Life Is Dead Here': Sensing the Political in `no Man's Land'' (2003) 3 Anthropological Theory 107

Nye DE, *Electrifying America: Social Meanings of a New Technology, 1880-1940* (1st MIT Press paperback ed, MIT Press 1992)

—, *American Technological Sublime* (MIT Press 1994)

'OFFSHORE-INTERACTIVE Blog and News | Just Another WordPress site
OFFSHORE-INTERACTIVE Blog and News | Just Another WordPress Site'
<<http://offshore-interactive.com/blog/>>

'On Technical Mediation | Bruno-Latour.Fr' <<http://www.bruno-latour.fr/node/234>>

Pedersen, Morten AxelNielsen, Morten, 'TRANS-TEMPORAL: Reflections on a Comparative Ethnographic Study of Chinese Infrastructural Projects in Mozambique and Mongolia' 57 Social Analysis 122

<<http://search.proquest.com/docview/1433770826?OpenUrlRefId=info:xri/sid:primo&accountid=14511>>

'Public Culture' 16 407 <<https://muse.jhu.edu/article/173743>>

Reeves M, 'Fixing the Border: On the Affective Life of the State in Southern Kyrgyzstan' (2011) 29 Environment and Planning D: Society and Space 905

—, *Border Work: Spatial Lives of the State in Rural Central Asia* (Cornell University Press 2014) <<https://www.jstor.org/stable/10.7591/j.ctt5hh25v>>

Rodgers D and O'Neill B, 'Infrastructural Violence: Introduction to the Special Issue' (2012) 13 Ethnography 401

Rogers D, 'The Materiality of the Corporation: Oil, Gas, and Corporate Social Technologies in the Remaking of a Russian Region' (2012) 39 American Ethnologist 284

Roitman JL, *Anti-Crisis* (Duke University Press 2013)

Rutherford J, 'Rethinking the Relational Socio-Technical Materialities of Cities and ICTs' (2011) 18 Journal of Urban Technology 21

Sahlins M, 'Infrastructuralism' (2010) 36 Critical Inquiry 371

SCHWENKEL C, 'Spectacular Infrastructure and Its Breakdown in Socialist Vietnam' (2015)
42 American Ethnologist 520

Sconce J, Haunted Media: Electronic Presence from Telegraphy to Television, vol
Console-ing passions (Duke University Press 2000)

Seaver N, 'On Reverse Engineering Anthropology and Algorithms Medium'
<<https://medium.com/anthropology-and-algorithms/on-reverse-engineering-d9f5bae87812#.ek273jdqu>>

Sharma A and Gupta A, 'Introduction Chapter', The anthropology of the state: a reader, vol
Blackwell readers in anthropology (Blackwell 2006)

Star, S. L., & Ruhleder, K, 'Steps Toward an Ecology of Infrastructure: Design and Access
for Large Information Spaces.' (1996) 7 Information Systems Research 111
<<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=bsu&AN=4430768&site=ehost-live&scope=site>>

Star, Susan Leigh, 'The Ethnography of Infrastructure' 43 The American Behavioral
Scientist 377
<<http://search.proquest.com/docview/214765319?OpenUrlRefId=info:xri/sid:primo&accountid=14511>>

—, 'The Ethnography of Infrastructure' 43 The American Behavioral Scientist 377
<<http://search.proquest.com/docview/214765319?OpenUrlRefId=info:xri/sid:primo&accountid=14511>>

Starosielski, Nicole, 'The Undersea Network | Duke University Press'
<<https://www.dukeupress.edu/The-Undersea-Network>>

Steve Graham Simon Marvin, 'Postscript', Splintering Urbanism
<<http://www.tandfebooks.com/ISBN/9780203452202>>

Stewart K, Ordinary Affects (Duke University Press 2007)
<<http://read.dukeupress.edu/lookup/doi/10.1215/9780822390404>>

Stoler AL, 'Affective States' in David Nugent and Joan Vincent (eds), A Companion to the
Anthropology of Politics (Blackwell Publishing Ltd 2007)
<<http://doi.wiley.com/10.1002/9780470693681.ch1>>

Strathern M, 'Cutting the Network' (1996) 2 The Journal of the Royal Anthropological
Institute

Swyngedouw E, 'The City as a Hybrid: On Nature, Society and Cyborg Urbanization' (1996)
7 Capitalism Nature Socialism 65

'The Cyber Coup | Society for Cultural Anthropology'
<<https://culanth.org/fieldsights/the-cyber-coup>>

The Undersea Network | Duke University Press
<<https://www.dukeupress.edu/The-Undersea-Network>>

Thrift NJ, 'Closer to the Machine: Intelligent Environments, New Forms of Possession and the Rise of the Supertoy', *Knowing capitalism*, vol Theory, culture&society (SAGE 2005)

Townsend AM, *Smart Cities: Big Data, Civic Hackers, and the Quest for a New Utopia* (WW Norton & Company 2014)

Tsing AL, *Friction: An Ethnography of Global Connection* (Princeton University Press 2005)

—, *Friction: An Ethnography of Global Connection* (Princeton University Press 2005)

—, *The Mushroom at the End of the World: On the Possibility of Life in Capitalist Ruins* (Princeton University Press 2015)
<<https://www-jstor-org.libproxy.ucl.ac.uk/stable/j.ctvc77bcc>>

Turner F, *From Counterculture to Cyberculture: Stewart Brand, the Whole Earth Network, and the Rise of Digital Utopianism* (University of Chicago Press 2006)
<<http://UCL.eblib.com/patron/FullRecord.aspx?p=602624>>

Uricchio W, 'The Algorithmic Turn: Photosynth, Augmented Reality and the Changing Implications of the Image' (2011) 26 *Visual Studies* 25

van Kranenburg, 'The Internet of Things: A Critique of Ambient Technology and the All-Seeing Network of RFID'
<<https://networkcultures.org/blog/publication/no-02-the-internet-of-things-rob-van-kranenburg/#:~:text=Here%20Rob%20van%20Kranenburg%20examines,and%20a%20call%20to%20arms.>>

Viseu, A., 'NCCA - Kaliningrad. Evolution Haute Couture. Part 2: Theory' Wearable computers and the Informed Informational Body
<<http://www.ncca.ru/en/articles.text?filial=4&id=66>>

Wagner R and Wagner R, *Symbols That Stand for Themselves* (The University of Chicago Press 1986)

Weltevrede E, Helmond A and Gerlitz C, 'The Politics of Real-Time: A Device Perspective on Social Media Platforms and Search Engines' (2014) 31 *Theory, Culture & Society* 125

Wilf E, 'Toward an Anthropology of Computer-Mediated, Algorithmic Forms of Sociality - 673321' <<http://www.journals.uchicago.edu/doi/pdfplus/10.1086/673321>>

Wolfgang Pietsch, 'Data and Control — a Digital Manifesto' (2013) 25 *Public Culture* 307
<http://publicculture.dukejournals.org.libproxy.ucl.ac.uk/content/25/2_70/307>

—, 'Data and Control — a Digital Manifesto' (2013) 25 *Public Culture* 307
<http://publicculture.dukejournals.org/content/25/2_70/307>