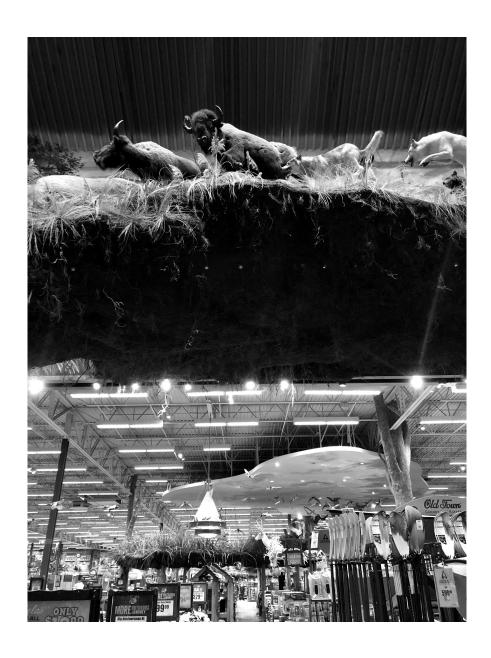
Seminar on the Built Environment II: Landscape and Society

# WORLDS AND DISPLAY



LANDSCAPE AS PRACTICE AND IMAGE

"Landscape is an arena for the interaction of natural and social forces, a kind of display, and one that like all displays is not fully under the control of its authors."

Charles C. Mann, 1491: New Revelations of the Americas Before Columbus.

"Ideas about nature's boundlessness are not incidental to the nations of the Anglosphere; they are foundational myths, woven deep into national narratives. The huge natural wealth of the lands that would become the Unites States, Canada and Australia were, from their very first contact with European ships, imagined as sort of body double nations for colonial powers that were running out of nature to exhaust back home. No more. With the "discovery" of the seemingly limitless "new worlds," God had granted a reprieve: New England, New France, New Amsterdam, New South Wales—proof positive that Europeans would never run out of nature to exhaust. And when one swath of this new territory grew depleted or crowded, the frontier would simply advance and new "new worlds" would be named and claimed."

Naomi Klein, On Fire: The (Burning) Case for a Green New Deal

"The first premise of all human history is, of course, the existence of living human individuals. Thus the first fact to be established is the physical organization of these individuals and their consequent relation to the rest of nature."

Karl Marx and Friedrich Engels, The German Ideology.

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Class times: Wednesday 10:00am - 11:50 am, Friday 10.00am - 12:20am

Meets: 01/16/2019 - 5/3/2018 Location: College of Design 516A

Credit Hours: 5 credits

\*Prerequisite: ARCH 505, ARCH 541, ARCH 595 and concurrent enrollment in ARCH

506 and ARCH 542

## **Acknowledgments**

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## **General Course Description:**

Landscape, as it develops in the modern period, is a means through which the relations between natural and human orders are organized, imagined and displayed. Landscape is both practice and image. In this class we are specifically concerned with how landscape produces and displays 'worlds.' 'Worlds,' in this sense, are both imaginary and real, amalgams of nature and narrative, the biological and the political, the mineral and the economic. 'Worlds,' are also multiple, competing between themselves for legitimacy and authority.

The construction and representation of these worlds – of the frontier, the wilderness, of conservation, of the primitive and the primal, of the nation, the region or the territory, of the homely or the exotic – involve, and at the same time work to obscure, forms of struggle and contestation in their making, use and appearance. This class will explore how landscape is implicated in this dual work of world-making.

Our focus will fall on the encounter between the 'old world' of Europe and the 'new world' of the Americas. The historical scope of the class therefore stretches from the late 15<sup>th</sup> Century to the present, while also reaching back to 'pre-Columbian' civilizations. It will also explore comparative examples of landscape and world-making in Asia through which we will encounter other conceptions of nature. We will examine such worlds, and the encounters and struggles between them, by discussing and analyzing the ecological systems, social orders, political ideologies and cultural artifacts through which they are constructed and represented. We will look at paintings, films, photography, gardens, architecture and interiors. We will discuss readings on the histories, ideas and arguments in which these artifacts are implicated.

You will explore and develop your understanding of these artifacts of display, and the worlds they stand for, through a project – a 'world display' – designed to critically engage with them; an atlas, a diorama, a film, a photo-essay, an installation or a podcast, for example.

To help us address the concerns and interests of this class from multiple perspectives, we will be joined at times by other interlocutors – artists, architects, philosophers, and activists.

## Approach and Structure:

There are typically two sessions per week, on Wednesday and Friday mornings. We will use these for a number of exercises. Firstly, to discuss the readings set in advance. Secondly, to discuss suggested site visits, films, images, etc. Thirdly, to discuss and review the progress of your projects.

It is essential that you prepare for these sessions accordingly, and that you allow adequate time for this work. Note that this class carries 5 credits and that it therefore requires an investment of effort equal to that which you would commit to a design studio.

While I will for each session offer some introductory remarks, and lead the discussions, the onus is on you to engage with the readings and other assignments, and to be prepared to discuss these. This seminar format is designed to be commensurate with graduate level study, and the development of original and critical perspectives expected of this.

#### **Evaluation and assessment:**

This seminar will be evaluated and graded by continuous and progressive assessment of its two elements; general participation in the seminars, and the 'world-display' project.

Participation 50%

Assessment criteria: preparation, attendance, discussion, observation, argumentation

World-display project 50%

Assessment criteria: Research, communication, design, conception, ideas, argumentation.

## **Learning Objectives:**

- ability to critically engage with and discuss subject specific literature, arguments and ideas
- ability to critically engage with and discuss representational media related to landscape

- ability to respond to and develop ideas presented in lectures, readings, and representational media
- ability to understand landscape in relation to social, historical and other pertinent contexts
- ability to understand landscape in relation to architectural and urban practices and projects

#### **Letter Grade Definitions**

A: Exceptionally well-developed work, exceeding expectations. A critical response to the issues and concerns of the assignment. Enthusiastic, focused, sustained inquiry and production; work has developed through many iterations and student has shown an unusual ability to self-critique. Excellent use of design media and verbal/visual communication. Work is complete and presented on time.

B: Well-developed work; above average. Thoughtful, focused, sustained inquiry and production. Good use of design media. Good verbal and visual communication. Work is complete and presented on time.

C: Adequate work. Demonstrates a basic understanding of the issues and concerns of the assignment. Sufficient but limited inquiry and production. Competent but weak use of design media and verbal/visual communication. Work is complete and presented on time.

D: Inadequate work. Issues and concerns of the assignment not addressed. Inadequate inquiry and production. Use of design media and verbal/visual communication does not demonstrate learning. Work is late and/or incomplete.

F: Failing work. Issues and concerns of the assignment not addressed. Little or no development. Unacceptable use of design media and verbal/visual communication skills. Work is late and/or incomplete.

#### Calendar

## Wednesday January 15

## **Landscape and Social Formation**

#### Reading

Cosgrove, D. E., 'The Idea of Landscape' and 'Landscape and Social Formation: Theoretical Considerations' in *Social Formation and Symbolic Landscape*, Wisconsin and London: University of Wisconsin Press, 1998, 13-38, 39-68.

Elias, N., 'Chapter 8: The sociogenesis of aristocratic romanticism' in *The Court Society*, trans Edmund Jephcott, Oxford: Basil Blackwell, 1983, 224-267.

#### Friday January 17

## Hierarchy, Hunting and the Landscape of Status

#### Reading

Elias, N., 'Chapter 3: The structure of dwellings as an indicator of social structure' and 'Chapter 4: Characteristics of the court-aristocratic figuration' in *The Court Society*, trans Edmund Jephcott, Oxford: Basil Blackwell, 1983, 42-65 and 66-77.

Knoll, M., 'Hunting in the Eighteenth Century. An Environmental History Perspective,' *Historical Social Research / Historische Sozialforschung*, Vol. 29, No. 3 (109), The Frontiers of Environmental History / Umweltgeschichte in der Erweiterung (2004), 9-36.

#### Site

Bass Pro Shops, 1000 Bass Pro Dr NW, Altoona, IA 50009

#### Wednesday January 22

**Orders of Nature and the Japanese Garden** with philosopher and educator Dr Leah Kalmanson

#### Reading

Mitsuyo, T., 'Recollecting Local Narratives on the Land Ethic' in J. Baird Callicott, James Mcrae, eds., *Japanese Environmental Philosophy*, Oxford: Oxford University Press, 2017.179-194.

Saitō, Y., 'Japanese Gardens: The Art of Improving Nature' in J. Baird Callicott, James Mcrae, eds., *Japanese Environmental Philosophy*, Oxford: Oxford University Press, 2017.145-158.

#### Viewing

Princess Mononoke (もののけ姫), Dir. Hayao Miyazaki, Japan, 1997, 133 minutes.

#### Friday January 24

#### **Forests and Fabulations**

#### Reading

Cronon, W., 'Taking the Forest' in *Changes in the Land: Indians, Colonists and the Ecology of New England*, New York: Hill and Wang, 2003, 109-126.

Harrison, R.P., 'Vico's Giants' and 'The Brothers Grimm' in *Forests: The Shadow of Civilization*, Chicago and London, 1992, 1-13 and 164-177.

Hutton, J., Chapter 5. Arresting Decay: Tropical Hardwood from Para, Brazil, to the High Line, 2009, in *Reciprocal Landscapes: Stories of Material Movements*, London and New York: Routledge, 2019, 188-217.

Wednesday January 29

## Research: projects and exemplars

Hunchuck, E., *An Incomplete Atlas of Stones*, 2016, <a href="https://elisehunchuck.com/2015-2017-An-Incomplete-Atlas-of-Stones">https://elisehunchuck.com/2015-2017-An-Incomplete-Atlas-of-Stones</a>

AA Landscape Urbanism research projects <a href="http://landscapeurbanism.aaschool.ac.uk/research/">http://landscapeurbanism.aaschool.ac.uk/research/>

Detroit Resists <a href="https://detroitresists.org">https://detroitresists.org</a>

Hans Haacke, *A Breed Apart*, 1978 <a href="https://www.tate.org.uk/art/artworks/haacke-a-breed-apart-t05206">https://www.tate.org.uk/art/artworks/haacke-a-breed-apart-t05206</a>

Settler Colonial City Project <a href="https://settlercolonialcityproject.org">https://settlercolonialcityproject.org</a>

Friday January 31

No class: independent research

Wednesday February 5

#### **Project reviews**

Friday February 7

## "Tyrannizing Nature": Plans, Prospects and Visions of Absolute Power at Versailles

Blanning, T.C.W., 'Chapter 1: Louis XIV and Versailles' in *The Culture of Power and the Power of Culture: Old Regime Europe 1660–1789*, Oxford and New York: Oxford University Press, 2002, 29-52.

Cosgrove, D. E., 'America as Landscape' in *Social Formation and Symbolic Landscape*, Wisconsin and London: University of Wisconsin Press, 1998, 161-188

Elias, N., 'Chapter 5: Etiquette and ceremony' in *The Court Society*, trans Edmund Jephcott, Oxford: Basil Blackwell, 1983, 78-116.

Mumford, L., 'Chapter 13: The Baroque Plan' in *The Culture of Cities*, San Diego, New York, London: Harcourt Brace Janovich, 1938, 124-128.

Wednesday February 12

#### The Landed and the Dispossessed

#### Reading

Thompson, E.P., 'Introduction: The Black Act' and 'Windsor Forest' in *Whigs and Hunters: The Origins of the Black Act*, London and New York: Penguin, 1975, 21-26 and 27-54.

Federici, S., "On Primitive Accumulation, Globalization, and Reproduction" in *Re-enchanting the World: Feminism and the Politics of the Commons*, Oakland, CA: PM Press, 2019, 15-25

Linebaugh, P., and Rediker, M., 'Wreck of the Sea-Venture' in *The Many-Headed Hydra: The Hidden History of the Revolutionary Atlantic*, London: Verso, 2000, 8-35

Marx, K., 'The Secret of Primitive Accumulation,' 'The Expropriation of the Agricultural Population from the Land,' 'Bloody Legislation Against the Expropriated' in *Capital: A Critique of Political Economy*, Volume 1, trans. Ben Fowkes, London: Penguin, 1990 (1867), 873-904.

#### Friday February 14

## "The Dark Side of the Landscape": Painting, Planting and the Picturesque

## Reading

Barrell, J., 'John Constable' in *The Dark Side of the Landscape: The Rural Poor in English Painting 1730-1840*, Cambridge, UK: Cambridge University Press, 1980, 131-164.

Macarthur, J., 'Introduction' in *The Picturesque: Architecture, Disgust and Other Irregularities*, London and New York: Routledge, 2007, 1-18.

Helsinger, E., 'Turner and the Representation of England" in *Landscape and Power*, Chicago and London: University of Chicago Press, 1994, 103-125.

Wednesday February 19

#### No class

Friday February 21

#### "Pre-Columbian" Ecologies: Artifice, Agriculture and Infrastructure

#### Reading

Mann, Charles C., 'Made in America' and 'Artificial Wilderness' in *1491: New Revelations of the Americas Before Columbus*, Second Edition, New York: Vintage, 2011, 277-318 and 360-375.

#### Wednesday February 26

#### Purchase and Transaction: How the West was Owned

#### Reading

Estes, N., 'Chapter 2. Origins' in *Our History Is the Future: Standing Rock Versus the Dakota Access Pipeline, and the Long Tradition of Indigenous Resistance*, London and New York: Verso, 2019, 67-87.

Linklater, A, 'Introduction: The Birth of a Revolution', 'Chapter 1: The Concept', Chapter 13: The Evolution of Property', in *Owning the Earth: The Transforming History of Land Ownership*, New York, London: Bloomsbury, 2103, 1-8, 9-23, 215-233.

Wood, E.M., 'The English Revolution' in *Liberty and Property: A Social History of Western Political Thought from Renaissance to Enlightenment,* London and New York: Verso 2012, 267-278.

Friday February 28

Project reviews with Dr Billy Fleming

Wednesday March 4

## Botany and Empire: Classification, Cultivation and Accumulation

#### Reading

Brockway, L.H., 'Seed and Plant Transfers' and 'Kew Gardens and the Scientific Elite' in *Science and Colonial Expansion: The Role of the British Royal Botanic Garden*, New Haven and London: Yale University Press, 2002, 35-60 and 77-102.

Brownlee, P. J., Piccoli, V., and Uhlyarik, G., 'Field to Studio' in *Picturing the Americas: Landscape Painting from Tierra del Fuego to the Arctic,* New Haven and London: Yale University Press, 2015, 48-88.

Wulf, A., 'Commonwealth of Botany' in *The Brother Gardeners: Botany, Empire, and the Birth of an Obsession*, New York: Vintage, 2010, 112-131.

#### Site

Greater Des Moines Botanical Gardens, 909 Robert D. Ray Dr, Des Moines, IA 50309 <a href="https://www.dmbotanicalgarden.com">https://www.dmbotanicalgarden.com</a>

Friday March 6

## Primitives, Pioneers and Settlers: Image and Identity in the Landscape of the West Reading

Ballew, E.N., 'The End of the Frontier: Making the West Artistic' in *The Modern West: American Landscapes, 1890-1950*, New Haven and London: Yale University Press, 2006, 51-95.

Brownlee, P. J., Piccoli, V., and Uhlyarik, G., 'Indigenous Lands/Settler Landscapes' in *Picturing the Americas: Landscape Painting from Tierra del Fuego to the Arctic,* New Haven and London: Yale University Press, 2015, 92-128.

McNenly, L.S., 'Foe, Friend, or Critic: Native Performers with Buffalo Bill's Wild West Show and Discourses of Conquest and Friendship in Newspaper Reports', *American Indian Quarterly*, Vol. 38, No. 2 (Spring 2014), 143-176.

Wednesday March 11

## Worlds of Conservation, Exhibition and Display

#### Reading

Jacoby, K., 'Introduction: The Hidden History of American Conservation' and 'Chapter 1. The Recreation of Nature' in *Crimes against Nature: Squatters, Poachers, Thieves, and the Hidden History of American Conservation*, Berkeley, LA and London: University of California Press, 2001, 1-7 and 11-28.

Macdonald, S., 'Chapter 1: Exhibitions of power and powers of exhibition: An introduction to the politics of display' in Macdonald, S., ed, *The Politics of Display: Museums, science, culture*, London and New York: Routledge, 1998, 1-15.

Raider, K.A., and Cain, V.E.M., 'Chapter 2: The Drama of the Diorama, 1910,1935' in *Life on Display: Revolutionizing U.S. Museums of Science and Natural History in the Twentieth Century,* Chicago and London: University of Chicago Press, 2014, 51-90.

#### Site

Neal Smith National Wildlife Refuge <a href="https://www.fws.gov/refuge/Neal\_Smith/visit/plan\_your\_visit.html">https://www.fws.gov/refuge/Neal\_Smith/visit/plan\_your\_visit.html</a>

Friday March 13

## Accidental Landscapes: Stalker, Chernobyl and the High Line with Elise Misao Hunchuck Viewing

Stalker (Сталкер), Dir: Andrei Tarkovsky, Soviet Union, 1979, 161 minutes.

March 16-20

## **Spring Break**

Wednesday March 25

## **Project reviews**

Friday March 27

## Images and Infrastructures of Extraction

#### Reading

Brockway, L.H., 'Rubber – A New Plantation Crop and Industrial Material' in *Science and Colonial Expansion: The Role of the British Royal Botanic Garden*, New Haven and London: Yale University Press, 2002, 141-165.

Brownlee, P. J., Piccoli, V., and Uhlyarik, G., 'Land as Resource' in *Picturing the Americas: Landscape Painting from Tierra del Fuego to the Arctic,* New Haven and London: Yale University Press, 2015, 132-177.

Estes, N., 'Chapter 2. Siege' in *Our History Is the Future: Standing Rock Versus the Dakota Access Pipeline, and the Long Tradition of Indigenous Resistance*, London and New York: Verso, 2019, 25-65.

Wednesday April 1

no class

Friday April 3

no class

Wednesday April 8

Project reviews with architect and educator Dr Helen Runting

Friday April 10

Parks and Recreation: Olmsted and Central Park

#### Reading

Gandy, M., 'Creating the Garden of a Great City' and 'Olmstead's Urban Vision: A Fragile Synthesis' in *Concrete and Clay: Reworking Nature in New York City*, Cambridge, MA: MIT Press, 2002, 87-101.

Hutton, J., Chapter 1. Inexhaustible Terrain: Guano from the Chincha Islands, Peru, to Central Park, 1862, in *Reciprocal Landscapes: Stories of Material Movements*, London and New York: Routledge, 2019, 26-65.

Wednesday April 15

## Ansel Adams, Yellowstone, and the Image of Nature

#### Reading

Spaulding, J., "Yosemite and Ansel Adams: Art, Commerce, and Western Tourism,' Pacific Historical Review, Vol. 65, No. 4, *Tourism and the American West* (Nov., 1996), 615-639.

Ballew, E.N., 'The End of the Frontier: Making the West Artistic' in *The Modern West: American Landscapes*, 1890-1950, New Haven and London: Yale University Press, 2006, 51-95.

Jacoby, K., 'Chapter 4. Nature and Nation' in *Crimes against Nature: Squatters, Poachers, Thieves, and the Hidden History of American Conservation*, Berkeley, LA and London: University of California Press, 2001, 81-98.

Friday April 17

## Landscapes of Labour: Ford and Disney with artist and educator Danielle Dean Reading

Grandin, G., 'Chapter 1: Under an American Flag' and 'Chapter 2: The Cow Must Go' in Fordlandia: The Rise and fall of Henry Ford's Forgotten Jungle City, New York: Metropolitan Books, 2009, 40-56 and 57-69.

Spencer, D., 'Depth of Field', 2019.

#### Viewing

Fordland, Danielle Dean, USA, 2019, 18 minutes.

## Wednesday April 22

## Framing the Landscape: Architecture and the Image of Nature

#### Reading

Mozingo, L.A., 'The Corporate Estate' in *Pastoral Capitalism: A History of Suburban Corporate Landscapes*, Cambridge, MA: MIT Press, 2011, 101-147.

Shvartzberg C.M., *Designing "Post-Industrial Society": Settler Colonialism and Modern Architecture in Palm Springs, California, 1876-1977.* PhD Thesis, Columbia <a href="https://academiccommons.columbia.edu/doi/10.7916/d8-vjp9-4543">https://academiccommons.columbia.edu/doi/10.7916/d8-vjp9-4543</a>

#### Friday April 24

#### Island and Terrarium: Rendering the Imaginary of Capital

#### Reading

Robinson, K.S., 'Extract (1): Take an asteroid at least thirty kilometers on its long axis' in 2312, New York: Orbit, 2012, 36-40.

Spencer, D., 'Island Life: The Eco-Imaginary of Capitalism,' *Log* 47, Fall 2019, 'Overcoming Carbon Form,' 167-174.

Scharmen, F., 'Frontiers: A New Life Awaits You in the Offworld Colonies' in *Space Settlements*, New York: Columbia Books on Architecture and the City, 2019, 85-132.

Viewing

Artist Depiction: Rick Guidice, 25 minutes, 2019.

Wednesday April 29

## No class/independent project development

Friday May 1

#### **Project presentations**

## **Bibliography**

Barrell, J., The Dark Side of the Landscape: The Rural Poor in English Painting 1730-1840, Cambridge, UK: Cambridge University Press, 1980.

Biolosi, T., Power and Progress on the Prairie: Governing People on Rosebud Reservation, Minneapolis and London: University of Minnesota Press, 2018.

Blanning, T.C.W., The Culture of Power and the Power of Culture: Old Regime Europe 1660–1789, Oxford and New York: Oxford University Press, 2002.

Bloch, E., *The Principle of Hope: Volume Two*, trans. Steven Plaice and Paul Knight, Cambridge, MIT Press, 1995.

Brownlee, P. J., Piccoli, V., and Uhlyarik, G., *Picturing the Americas: Landscape Painting from Tierra del Fuego to the Arctic,* New Haven and London: Yale University Press, 2015.

Clarke, H. A. G., 'Land-scopic Regimes: Exploring Perspectival Representation Beyond the 'Pictorial' Project,' *Landscape journal*, 2005, Vol.24(1), 50-68

Corner, J., Recovering Landscape: Essays in Contemporary Landscape Architecture, New York: Princeton Architectural Press, 1999.

Cosgrove, D. E., *Social Formation and Symbolic Landscape*, Wisconsin and London: University of Wisconsin Press, 1998

Cosgrove, D., and Daniels, S., eds., *The Iconography of Landscape*, Cambridge, UK: Cambridge University Press, 1988.

Cronon, W., Nature's Metropolis: Chicago and the Great West, New York, NY: Norton, 1992.

Cronon, W., Changes in the Land: Indians, Colonists and the Ecology of New England, New York: Hill and Wang, 2003.

Eigen, E., On Accident: Episodes in Architecture and Landscape, Cambridge, MA: MIT Press, 2018.

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Estes, N., Our History Is the Future: Standing Rock Versus the Dakota Access Pipeline, and the Long Tradition of Indigenous Resistance, London and New York: Verso, 2019.

Estes, N., and Dhillon, J., eds., *Standing with Standing Rock: Voices from the #NODAPL Movement*, Minneapolis and London: University of Minnesota Press, 2019.

Federici, S., Re-enchanting the World: Feminism and the Politics of the Commons, Oakland, CA: PM Press, 2019.

Gandy, M., Concrete and Clay: Reworking Nature in New York City, Cambridge, MA: MIT Press, 2002

Harrison, R.P., Forests: The Shadow of Civilization, Chicago and London, 1992.

Heynen, N., Kaika, M., and Swyngedouw, E., eds., *In the Nature of Cities: Urban Political Ecology and the Politics of Urban Metabolism,* London and New York: Routledge, 2006.

Hutton, J., *Reciprocal Landscapes: Stories of Material Movements*, London and New York: Routledge, 2019.

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Jackson, J.B., *Discovering the Vernacular Landscape*, New Haven and London: Yale University Press, 1984.

Kaika, M., City of Flows: Modernity, Nature, and the City, New York and London: Rutledge, 2005.

Knoll, M., 'Hunting in the Eighteenth Century. An Environmental History Perspective,' *Historical Social Research / Historische Sozialforschung*, Vol. 29, No. 3 (109), The Frontiers of Environmental History / Umweltgeschichte in der Erweiterung (2004), 9-36.

Linebaugh, P., and Rediker, M., *The Many-Headed Hydra: The Hidden History of the Revolutionary Atlantic*, London: Verso, 2000.

Linklater, A, Owning the Earth: The Transforming History of Land Ownership, New York, London: Bloomsbury, 2103.

Macarthur, J., *The Picturesque: Architecture, Disgust and Other Irregularities*, London and New York: Routledge, 2007.

Mann, Charles C., 1491: New Revelations of the Americas Before Columbus, Second Edition, New York: Vintage, 2011.

Mann, Charles C., 1493: Uncovering the New World Columbus Created, Second Edition, New York: Vintage, 2012.

Manning, R., *Grassland: The History, Biology, Politics, and Promise of the American Prairie*, London and New York: Penguin, 1995.

Marx, K., Capital: Volume 1, trans. Ben Fowkes, London: Penguin, 1990 (1867)

Macdonald, S., ed, *The Politics of Display: Museums, science, culture*, London and New York: Routledge, 1998.

Mitchell, W.J.T., *Iconology: Image, Text, Ideology*, Chicago and London: University of Chicago Press, 1986.

Mitchell, W.J.T., ed., *Landscape and Power*, Chicago and London: University of Chicago Press, 1994.

Mitsuyo, T., 'Recollecting Local Narratives on the Land Ethic' in J. Baird Callicott, James Mcrae, eds., *Japanese Environmental Philosophy*, Oxford: Oxford University Press, 2017.179-194.

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Mumford, L., *The Culture of Cities*, San Diego, New York, London: Harcourt Brace Janovich, 1938.

Peeler, D. P., 'The Art of Disengagement: Edward Weston and Ansel Adams,' Journal of

American Studies, Vol. 27, No. 3, American Art and Music (Dec., 1993), 309-334.

Raider, K.A., and Cain, V.E.M., *Life on Display: Revolutionizing U.S. Museums of Science and Natural History in the Twentieth Century,* Chicago and London: University of Chicago Press, 2014.

Robinson, K.S., 2312, New York: Orbit, 2012.

Robinson, K.S., New York 2140, New York: Orbit, 2017.

Saitō, Y., 'Japanese Gardens: The Art of Improving Nature' in J. Baird Callicott, James Mcrae, eds., *Japanese Environmental Philosophy*, Oxford: Oxford University Press, 2017.145-158.

Scharmen, F., *Space Settlements*, New York: Columbia Books on Architecture and the City, 2019.

Spaulding, J., "Yosemite and Ansel Adams: Art, Commerce, and Western Tourism,' Pacific Historical Review, Vol. 65, No. 4, *Tourism and the American West* (Nov., 1996), 615-639.

Spencer, D., 'Agency and Artifice in the Environment of Neoliberalism' in Ed Wall and Tim Waterman, eds., *Landscape and Agency*, London and New York: Routledge, 2017.

Spencer, D., 'Returns on the City: Detroit and the Design of Late Fordism' in *Harvard Design Magazine*, No. 46, Fall/Winter 2018, 'No Sweat,' 19-25.

Spencer, D., 'Island Life: The Eco-Imaginary of Capitalism,' *Log* 47, Fall 2019, 'Overcoming Carbon Form,' 167-174.

Spencer, D., 'Depth of Field', 2019.

Thompson, E.P., Whigs and Hunters: The Origins of the Black Act, London and New York: Penguin, 1975.

Tzu, C. M., Garden of the World: Asian Immigrants and the Making of Agriculture in California's Santa Clara Valley, Oxford and New York: Oxford University Press, 2013.

Weiss, A.S., Mirrors of Infinity: The French Formal Garden and 17th-Century Metaphysics, New York: Princeton Architectural Press, 1995.

Williamson, T., *Polite Landscapes: Gardens and Society in Eighteenth-Century England*, Stroud, UK: Sutton Publishing Limited, 1995.

Wood, E.M., Liberty and Property: A Social History of Western Political Thought from Renaissance to Enlightenment, London and New York: Verso 212.

Wulf, A., The Brother Gardeners: Botany, Empire, and the Birth of an Obsession, New York: Vintage, 2010.