

Prof. Victoria Sanger

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Architecture A4332
Tuesday 1:00pm-3:00pm
408 Avery Hall
Shelves 270 and 408 (oversized items)

European Urbanism and Cartography 16th-18th Century

This course takes cartography as a point of departure for understanding the design of some major European cities in the Early Modern Period (16th - 18th centuries). It examines how maps document and influence their built environment. It gives students the tools to see how maps function as carriers of deeper scientific, political and rhetorical meanings. The class will focus on a few major European cities and students will work with original maps in New York collections. A session in Avery Classics focuses on how to study works on paper. Throughout the course, students are encouraged to criticize digital presentations of historic maps and make parallels with contemporary methods of cartography such as Google Earth and GIS.

This course is primarily in lecture format. The first half of the semester will cover the different techniques of cartography and the major cartographers of the period across countries. The second half of the course will be on case study cities and their most famous maps (Rome, Paris, London). I will bring facsimiles of maps to class and we will analyze them together. Participation is encouraged then and welcome at all times. We will have a session in the Avery Classics to look at original maps and consider the physical aspect of originals as essential for their study. We will also take a walking tour of lower Manhattan comparing it to early Dutch and English maps.

Assignments:

20%: Attendance

30%: Mid-Term exam -- readings and technical concepts

50%: Final Exam -- take home exam analyzing and comparing examples of maps studied in the class based on course themes, lectures and readings.

January 20**Introduction: urbanism and cartography in the Early Modern Period**Readings:

Nicholas Adams and Laurie Nussdorfer, "The Italian City, 1400-1600" in *Architecture* Millon, H. and V. Magnago, Eds., *The Renaissance from Brunelleschi to Michelangelo: The Representation of Architecture*. Milan, Bompiani, 1994, pp. 205-230.

Barry Bergdoll, "What is Enlightenment? The City and the Public," in *European Architecture, 1750-1890*, Oxford History of Art, Oxford University Press, 2000, ch. 2.

J.B. Harley, "Maps, Knowledge and Power", in *The New Nature of Maps: Essays in the History of Cartography*, The Johns Hopkins University press, Baltimore and London, 2001, (1st ed. 1988), ch. 2 pp. 52-81

January 27--snow day**February 3****The tools and symbols of map making**

Svetlana Alpers, "The Mapping Impulse in Dutch Art," in *The Art of Describing: Dutch Art in the Seventeenth Century*, Chacago, University of Chicago Press, 2007, ch. 4, pp. 119-168

David Woodward, "Cartography and the Renaissance: Continuity and Change," in J.B. Harley and David Woodward, eds., *The History of Cartography*, University of Chicago Press, 2007, vol. III, pt.1, pp. 3-24

February 10**Representing the city through different formats: plan, profile, bird's eye,**

J. A. Pinto, "Origins and Development of the Ichnographic City Plan", *Journal of the Society of Architectural Historians*, Vol. 35, No. 1 (Mar., 1976), pp. 35-50

Hilary Ballon and David Friedman, "Portraying the City in Early Modern Europe: Measurement, Representation and Planning," in David Woodward ed., *The History of Cartography*. vol 3: *Cartography in the European Renaissance*, part I, Chicago and London, the University of Chicago Press, 2007, pp. 680-704

Jeurgen Schulz, "Jacopo de'Barbari's view of Venice: map making, city views and moralized geography before the year 1500," *Art Bulletin*, 60, 1978, 427-73

Johannes Keuning, The "Civitates" of Braun and Hogenberg, *Imago Mundi*, Vol. 17, (1963), pp. 41-44 -- PDF

additional reading: Naomi Miller, "Mapping the City: Ptolemy's Geography in the Renaissance," in David Buisseret, ed., *Envisioning the city : six studies in urban cartography*, Chicago, IL : University of Chicago Press, 1998 -- PDF

February 17

City Models and Google Earth

Victoria Sanger, "The French Collection of Plans-Reliefs as Political Instrument. Exhibition Review: La France en Relief" *Journal of Architecture*.

Victoria Sanger, "J'ai du bon tabac et tu n'en auras pas: Plans en Reliefs, Power, and Elitism in Ancien Régime France," Jean-Marc Besse, ed., *Opérations cartographiques*, Actes Sud, publication forthcoming.

-unpublished draft in English in Files and Resources "Sanger-Tabatiere v2" and "Illustrations Tabatiere2"

Vittoria Di Palma "Zoom: Google Earth and Global Intimacy," in *Intimate Metropolis: Urban Subjects in the Modern City*, Di Palma, Periton, Lathouri, eds. London, Routledge, 2008, pp. 239-270.

Feb. 24:

Precinct Maps: Administrative maps, Cadastral maps, Parishes, *Eruvs*, Ghettos, Fortifications

Eyal Weizman and Manuel Herz, "Between City and Desert: Constructing the North London Eruv" *AA Files*, No. 34 (Autumn 1997), pp. 68-76 -- JSTOR

Martha Pollak, "Art and War: Renaissance and Baroque Treatises on Military Architecture," in *Military architecture, cartography & the representation of the early modern European city: a checklist of treatises in fortification in the Newberry Library*, Chicago, The Library, 1991. pp. xi-xxxvi, --PDF Avery AA 490 N423

European Science Foundation, *Mapping Europe's Historic Boundaries and Borders: An Exploratory Workshop*
<http://www.geog.port.ac.uk/hist-bound/>

March 3: Trip to Avery Department of Drawings and Archives, Seminar Room.

David Woodward, *Maps as Prints in the Italian Renaissance. Makers, Distributors & Consumers*, The British Library, 1995, pp. 20 – 74.

Sponberg Pedley, Mary. *The Commerce of Cartography*. Chicago: University of Chicago, Press, 2005. pp. 1-13, 24-25, 180-185, 198-204

March 10: Mid-Term

One hour written exam about readings and technical concepts covered up until this point in the semester

March 17 - NO CLASS (Spring Break)

March 24: Rome I

Alberti, *Descriptio urbis Romae*, ca. 1433 (ed. Mario Carpo, Francesco Furlan, trans. Peter Hicks, Butler DG805.A42413 2007). Online edition LeoS. Olschiki Ed, Peter Hicks translation by Société Internationale Leon Battista Alberti, *Descriptio urbis Romae*, 2005, pp. 125-139.

<http://www.torrossa.it.ezproxy.cul.columbia.edu/resources/an/2493791>

-cf. Mario Carpo, *The Alphabet and the Algorithm*, MIT Press, 2011, ch. 2 Available online through Clio.

Leonardo Bufalini, *Pianta di Roma*, 1551 (facsimile Avery AA1115 B863 -- missing)

- cf. Pinto, reading of Feb. 3

Antonio Tempesta, *Plan of the City of Rome*, 1593, Metropolitan Museum of Art, 1983.1027 (1-12). Facsimile, 2 vol., Avery AA 1120 T24 FF, Oversized reserve shelf 408

- Femke Speelberg, "Antonio Tempesta's *View of Rome*: Portraying the Baroque Splendor of the Eternal City,"
<http://www.metmuseum.org/about-the-museum/now-at-the-met/features/2012/view-of-rome>

G. Spagnesi et. al., *La Pianta di Roma al Tempo di Sisto V*, Multigrafica Editrice, Rome, 1992. Avery AA 9203 R663 P57F , reserve shelf 408

Review general history of Rome

Leonardo Benevolo, *The history of the City*, Geoffrey Culverwell, trans., Scholar Press, London, 1980. Avery AA 9090 B4321. pp. 364-397 Reserve shelf 270. Courseworks Files and Resources

or

Mark Girouard, "Rome Resplendent," *Cities and People: A Social and Architectural History*, (New Haven, 1985), ch. VI, pp. 115-136, Courseworks Files and Resources.

March 31: Rome II

Giovanni Battista Piranesi, *Campus Martius antique urbis*, 1762 (Avery Classics AE659 P662 v. 10F). Avery- facsimiles oversize reserve shelf 408

- Pier Vittoria Aureli, "Instauratio Urbis: Piranesi's *Campo Marzio* vs. Nolli's *Nuova Pianta di Roma*" in *The Possibility of an Absolute Architecture*, Cambridge, MA, MIT Press, 2011, ch. 3 pp. 85-140.

Giambattista Nolli, *Pianta grande di Roma*, 1748 (Electa Napoli, c. 1998, facsimile, Avery AA1120 N72). -- oversized reserve shelf 408

- University of Oregon, Nolli Website,
<http://nolli.uoregon.edu/preface.html>

April 7, Please note class meets 1-4pm: Rome (cont.) and Paris

Georg Braun and Franz Hogenberg, Paris, in *Civitates orbis terrarum*, 1572, map I-7
Civitates orbis terrarum = Cities of the world : 363 engravings revolutionize the view of the world : complete edition of the colour plates of 1572-1617 / Georg Braun and Franz Hogenberg ; edited by Stephan Füssel ; based on the copy in the Historisches Köln : Taschen, c2008. (facsimile: Avery AA9000 B7311 F)
<http://www.oldmapsofparis.com>

Mathieu Merian, *Plan de Paris sous Louis XIII*, 1615
<http://gallica.bnf.fr/ark:/12148/btv1b53062287z/>
<http://www.oldmapsofparis.com>

Jacques Gomboust, *Le Paris du XVIIe siècle. Plan monumentale de la ville de Paris dédié et présenté au roy Louis XIV* (1653), (facsimile: Avery AA9198 P2 G58 F) -- reserve shelf
<http://www.geographicus.com/P/AntiqueMap/Paris-gomboust-1900>

Turgot, Louis Bretez, *Plan de Paris, commencé l'année 1734. Paris? 1739* (Avery Classics AA1045 and Avery in facsimile AA1045 B7511 FF)
http://cartocassini.free.fr/planville/paris/turgot/turgot_11.htm

Catherine Bousquet-Bressolier, "Matthäus Merian's 1615 Map of Paris: Its structure, Decoration and Message," *Imago Mundi*, Vol. 58, no. 1, 2006, pp. 48-69

April 14: London

Civitas Londinum or 'Agas' Map London, ca. 1559

- *The A to Z of Elizabethan London*, London Topographical Society, Publication No. 122, 1979 -- Reserve shelf
- A collection of Early maps of London 1553-1667, Harry Margary, Lympne Castle Kent, in association with Guildhall Library, London, 1981 -- Reserve shelf

William Morgan and John Ogilby, *A large and accurate map of the City of London : Ichnographically describing all the streets, lanes, alleys, courts, yards, churches, halls and houses / actually surveyed and delineated by John Ogilby ; introductory notes by Ralph Hyde*. Lympe Castle: Harry Margary for Guildhall Library London, 1976.

- Published by Harry Margary, Lympe Castle, Kent, Guildhall Library, London, 1976. facsimile: Avery 11965 0g39F. Reserve shelf 270A
- Hyde, R. *The A to Z of Restoration London (the city of London, 1676)*. London: London Typographical Society, 1992. Avery AA965 Aa 232 -- Reserve shelf

John Rocque, *A Plan of the Cities of London and Westminster and Borough of Southwark, with the Contiguous Buildings, from an actual Survey taken by John Rocque, Land-Surveyor and Engraved by John Pine*, 1746

- Hyde, Ralph. *The A to Z of Georgian London*. London: London Typographical Society, 1982. -- Reserve Shelf
- *Locating London's Past*, British Society for Eighteenth Century Studies, 2011 (Trans-historical map comparison including Rocque. <http://www.locatinglondon.org/static/MolaArchaeology.html>)

Benevolo (op. cit.) pp. 716-725

Maps of Old London (see Online Resources below)

--basic information on maps above

<http://www.gutenberg.org/files/40274/40274-h/40274-h.html>

April 21 1-4pm: Lower Manhattan Walking tour. Meet in front of entrance to Staten Island Ferry, South Ferry Station (1 line)

after Jacques Cortelyou, *Afbeeldinge van de Stadt Amsterdam in Nieuw Neederlandt* "Castello Plan", manuscript 1665-1670.

- <http://upload.wikimedia.org/wikipedia/commons/e/e7/CastelloPlanOriginal.jpg>

Francis Maerschallck, *A Plan of the City of New York from an actual Survey Anno Domini -- MDCCIV*, Gerardus Duyckinck, New York, 1755 (1754)

- http://upload.wikimedia.org/wikipedia/commons/f/f4/Maerschallck_map_of_New_York_City.jpg

Bernard Ratzer, *To His Excellency St. Henry Moore. Bart...This Plan of the City of New York*, Faden and Jefferys, London, 1776, (1766-1767)

- http://upload.wikimedia.org/wikipedia/commons/5/58/Plan_of_the_city_of_New_York_by_Ratzer%2C_1776.jpg

Benjamin Taylor and John Roberts, *A New & Accurate Plan of the City of New York in the State of New York in North America*, 1797

- <http://digitalcollections.nypl.org/items/510d47da-efa7-a3d9-e040-e00a18064a99>
- Paul E. Cohen, *Manhattan in Maps: 1527-1995*, 2006 -- Reserve shelf
- I.N. Phelps Stokes, *The Iconography of Manhattan Island 1498-1909*, New York, Robert H. Dodd, 1915, vol. 1 -- Reserve shelf (plates 34, 41, 42, 64)
- <http://www.oldmapsofnewyork.com>

April 28-5pm May 5: Final Exam. On April 28 until 2pm. Please send me an email with the names of the two maps you will be analyzing, your topic conclusions, and any way you would like to focus your examination. Compare and contrast the maps of two different cities on the syllabus and for which there are facsimiles in Avery library. Base your discussion on items listed on the "Map Comparison Worksheet". You may use illustrations. You will have a week to produce a paper. You must send it to me as an attachment by 5pm. **The deadline is 5pm May 5, 2015. No exams will be accepted after this date and time.**

Books on Closed Reserve

David Buisseret, *The Mapmakers' Quest: Depicting New Worlds in Renaissance Europe*, Oxford University Press, 2003. Butler GA781.B85 2003

Sebastien Mercier, *Panorama of Paris: Selections from Tableau de Paris*, University Park, Pa., Pennsylvania State University Press, 1999.

David Woodward, *Maps as Prints in the Italian Renaissance. Makers, Distributors & Consumers*, The British Library, 1995. Butler GA221.W66 1996g

Barbara Tellini Santoni, Alberto Manodori, dir., *Roma disegno e immagine della citta eterna: le piante di Roma dal II secolo d. Cr. ai giorni nostri*, Rome, Edizione di Luca, 1994, AA1115 R6616 FF

-excellent collection of map reprints of Rome

Bibliography

Atlas of Rome. The Form of the City on a 1:1000 Scale, Photomap and Line Map, Aerofoto Consult/Automap Compagnia Generale Ripresearee, Marsilio, Venice, 1991 -- on reserve shelf 270

Leonardo Benevolo, *The history of the City*, Geoffrey Culverwell, trans., Scholar Press, London, 1980. Avery AA 9090 B4321. Reserve shelf 270

Georg Braun and Franz Hogenberg, *Civitates orbis terrarum* Paris, 1572. = *Cities of the world : 363 engravings revolutionize the view of the world : complete edition of the colour plates of 1572-1617 / Georg Braun and Franz Hogenberg ; edited by Stephan Füssel ; based on the copy in the Historisches Köln : Taschen, c2008.* (facsimile: Avery AA9000 B7311 F) Original NYPL, Map Division room 117 Schwartzman Building KB+ 1576 (book I - part 1), KB+ 1581 (Book I - part 3)

Joseph Connors, *Piranesi and the Campus Martius: the Missing Corso: topography and architerture in the eighteenth-century*. Rome, Milan, Jaca book, 2011. Avery LC GA 895 R7 C66 2011. Reserve Shelf 270

François de Dainville, *Le Langage des Géographes. Termes. Signes. Couleurs des Cartes Anciennes 1500-1800*, Paris, Picard, 1964.

Cesare De Seta, *Ritratti di città. Dal Rinascimento al secolo XVIII*, Giulio Einaudi, ed., Turin, 2011.

Catherine Delano-Smith and Roger J.P. Kain, *English Maps: A History*, University of Toronto Press, 1999, Avery AA9185 D37

Ruth Eaton, *Ideal Cities. Utopianism and the (Un) Built Environment*, Thames and

Hudson, 2001.

James Elliot, *The City in Maps: urban mapping to 1900*, The British Library, 1987.

Luca Fiorentino, *Il Ghetto Racconta Roma/The Ghetto Reveals Rome*, Gangemi, Rome 2005. (In English and Italian) Avery AA1115 F 5131

Mark Girouard, *Cities & People, A Social and Architectural History*, Yale University Press, 1985.

Dorothy Metzger Habel, "When All of Rome Was Under Construction": The Building Process in Baroque Rome, Penn State University Press, 2013

Katharine A. Harmon, *You are Here: Personal geographies and other maps of the imagination*, New York, Rizzoli, 1994 Avery AA520 R4721

Ralph Hyde, *Gilded Scenes and Shining Prospects. Panoramic Views of British Towns 1575-1900*. Yale Center For British Art, New Haven, Ct. 1985.

William M. Ivins, *How prints look : photographs with commentary* / William M. Rev. and expanded ed. / revised by Marjorie B. Cohn, Boston : Beacon Press, c1987. Avery NE850 Iv531

Piero Maria Lugli, *Urbanistica di Roma. Trenta planimetrie per trenta secoli di storia*, Bardi, Roma, 1998 Avery AA 9203 R663 L96. Reserve shelf 270

Mirabilia Urbis Romae/The Marvels of Rome, anon., Francis Morgan Nichols, ed., Ithaca Press, 1986 (1st ed., Ellis and Elvey, London ad Spithover, Rome, 1889) -- Avery AA 1115 M671 reserve shelf

Orbis terrarum: ways of world-making: [Museum Plantin-Moretus and surroundings, 22.06-24.09.2000: a project organized by Antwerpen Open and Museum Plantin-Moretus], Ghent: Ludion; Antwerpen: Antwerpen Open, Museum Plantin-Moretus, 2000. Cf. "Orbis" pp. 264-279

Martha Pollak, *Military architecture, cartography & the representation of the early modern European city: a checklist of treatises in fortification in the Newberry Library*, Chicago, The Library, 1991. Avery AA 490 N423

The Renaissance from Brunelleschi to Michelangelo: the Representation of Architecture, New York, Rizzoli, 1994. Avery AA520 R4721

Eric Sanderson, *Manhatta: A Natural History of New York City*, Abrams, New York, 2013

Nicholas Temple, *Renovatio Urbis: Architecture, urbanism and ceremony in the Rome of Julius II*, Routledge, London and New York, 2011. Avery NA 9204.R7 T46 2011.

Reserve shelf 270

Online resources

online version of the exhibition "In thy map securely saile": *Maps, Atlases, Charts and Globes from the Lawrence H. Slaughter Collection at the NYPL*, 1998
<http://web-static.nypl.org/exhibitions/mapexhib/index.html>

J.B. Harley and David Woodward, eds., "Cartography in the European Renaissance," *The History of Cartography*, University of Chicago Press, 2007, vol. III, pt.1
<http://clio.columbia.edu/catalog/8886092>

Series of original and reconstructed historical maps of Paris
<http://paris-atlas-historique.fr/index.html>

Geraldine Edith Mitton, *Maps of Old London*, London, G. and C. Black, 1908 (E-book)
<http://www.gutenberg.org/files/40274/40274-h/40274-h.htm>

Other

Tim's Vermeer, 2013 documentary by Teller about Vermeer's scientific approach to painting

A Day on the Grand Canal with the Emperor of China -- David Hockney film about Chinese landscape and cartography. <http://vimeo.com/103808381>