Syllabus

Prof. Victoria Sanger

vs31@columbia.edu

Architecture A4332

Thursday 2:00pm-4:00pm

115 Avery Hall

Seminar Shelf 359

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 they 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.

The first half of the semester will involve reading discussions and lectures about the different techniques of cartography and the major cartographers of the period. The second half of the course will be lectures and individual presentations of case study cities and their most famous maps (Rome, Paris, London). Participation is encouraged and welcome at all times and it is hoped that the presentation sessions will be exciting collaborative moments for group learning. For their presentation, students choose one original map from the list below of significant maps of major European cities in Avery Library, Butler Library, and the New York Public Library.

Assignments:

30%: Presentation + attendance

50%: Individual paper on your map (15 pages plus footnotes, illustrations and bibliography) -- due May 5

20%: Mid-Term exam covering readings and terminology

January 23

Introduction: urbanism and cartography in the Early Modern Period

<u>Readings:</u>

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 30

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 6

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

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 13

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,* publication forthcoming, spring 2013.

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.

February 20

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, *Military architecture, cartography & the representation of the early modern European city checklist of treatises in fortification in the Newberry Library,* Chicago, The Library, 1991. 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/

Feb. 27: City views, guidebooks, and descriptions

Fernando Marias "From the "Ideal City' to Real Cities, Perspectives, Chorographies, Models, Vedute", in Henry A. Millon, Ed., *The Triumph of the Baroque, Architecture in Europe 1600-1750*, Milan, Bompiani, 1999, pp. 219-239.

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

Website comparing views of Vasi to map of Nolli http://vasi.uoregon.edu/works_magnificenze.html

Richard Lassels, *The Voyage of Italy,* Paris, 1670, Rare Book, Butler 6th Fl. East (Non-Circulating) B945.01 L33. London 1686 http://eebo.chadwyck.com/search/full_rec?SOURCE=pgimages.cfg&ACTION=ByID&ID=V33670

    Veduti by Canaletto, Guardi, Bellotto

    Descriptions by Lassels, Pepys, Mercier

March 6: Trip to Avery Classics. Presentation by Carolyn Yerkes, Curator of Avery Classics.

David Woodward, *Maps as Prints in the Italian Renaissance. Makers, Distributors & Consumers,* The Brit Library, 1995, pp. 20 – 74. Also on reserve shelf

March 13: Mid-Term and individual student meetings

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

March 20 - NO CLASS (Spring Break)

STUDENT PRESENTATIONS:

March 27: Rome

April 3: Rome

April 10: Paris

April 17: Paris

April 24: London

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

Books on Reserve Shelf 359

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)

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

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

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

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 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

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

Exhibitions

The Image of the European City from the Renaissance to the Enlightenment, directed by Cesare De Seta, Venice, Museo Correr, February 8 - May 18

Paper Topics and Bibliography

London

Georg Braun and Franz Hogenberg, Londinium, in *Civitates orbis terrarum, 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) Original in NYPL (see Paris below)

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._ Lympne Castle: Harry Margary for Guildhall Library London, 1976. (facsimile: Avery 11965 0g39F). Original in NYPL Map Division, Schwartzman Building Room 117 Map Div. 80-171

- Bell, W. G. _The Great Fire of London in 1666 with forty-one illustrations._ London: John Lane Company, 1920.
- Cooper, M.A.R. _A more beautiful city: Robert Hooke and the rebuilding of London after the Great Fire._ Stroud : Sutton, 2003.
- Hanson, J. Order and Structure in Urban Design: The Plans for the Rebuilding of London after the Great Fire of 1666. _Ekistics 1989_, 56 (334-335) pp. 22-42.
- Hyde, R. _The A to Z of Restoration London (the city of London, 1676)_. London: London Typographical Society, 1992.
- Hydde, R. _The Ogilby and Morgan Survey of the CIty of London - 1676. Introduction to the map plates of 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_. Lympne Castle: Harry Margary for Guildhall Library London, 1976.
- Reddaway, T. F. _London, 1666: fire and rebuilding_. London, Bedford College, 1966.
- Reddaway, T. F. _The Rebuilding of London After the Great Fire._ London: Jonathan Cape, 1940.

Christopher Wren, John Evelyn et al., plans for rebuilding London after the Great Fire of 1666 in Walter Harrison, _New and universal history, description and survey of the cities of London and Westminster..._ London 1776 (Avery Classics AA965 H24)

Thomas Lediard, _A plan of the ancient city of Westminster_, London : s.n., ca. 1740

Avery Classics AA9505 K584 FFF

Rome

Alberti, Descriptio urbis Romae, ca. 1433 (ed. Mario Carpo, Francesco Furlan, trans. Peter Hicks, Butler DG805.A42413 2007)

Leonardo Bufalini, _Pianta di Roma,_ 1551 (facsimile Avery AA1115 B863)

- *Le Piante di Roma,* edited by A. P. Frutaz, Roma 1962, I, pp. 168-170; II, tavv.. 189-221
- Bertolotti, *Artisti veneti in Roma,* Venezia 1884, pp. 39-41
- F. Ehrle, *Roma al tempo di Giulio III. La pianta di Roma di L. Bufalini,* Roma 1911
- Hülsen, "Bibliografia delle piante di Roma*",* in *Arch. d. R. Società rom. di stor. Patria,* XXXVIII (1915), pp. 12-19;
- J. Maier, "Mapping Past and Present: Leonardo Bufalini's Plan of Rome (1551)", *Imago Mundi*; Jann 2007, Vol. 59 Issue 1, pp.1-23
- 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
- S. Eiche, "Cardinal Giulio della Rovere and the Vigna Carpi", *Journal of the Society of Architectural Historians*, Vol. 45, No. 2 (Jun., 1986) pp. 115-133

Antonio Tempesta, *Plan of the City of Rome,* 1593, Metropolitan Museum of Art, 1983.1027 (1-12). Facsimile in Avery Offsite AA 1120 T24 FF

- 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

Giovanni Battista Piranesi, *Campus Martius antique urbis*, 1762 (Avery Classics AE659 P662 v. 10F). Avery-facsimiles in FF section

- 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.
- Marguerite Yourcenar, Richard Howard, trans., *The Dark Brain of Piranesi and other Essays*
- Joseph Connors,*Piranesi and the Campus Martius: the Missing Corso: topography and architeture in the eighteenth-century.* Rome, Milan, Jaca book, 2011.

Giambattista Nolli, *Pianta grande di Roma,* 1748 (Electa Napoli, c. 1998, facsimile, Avery AA1115 B46). Original in Metropolitan Museum Department of Drawings and Prints P.21.166.

- Jim Tice, Erik Steiner, Allan Ceen and Dennis Beyer, "Imago Urbis: Visualizing the City", http://vasi.uoregon.edu/imagourbis.html
- Allan Ceen, "The Portrait of a City", Introductory Essay for the facsimile of the Nolli Map
- University of Oregon, Nolli Website, http://nolli.uoregon.edu/preface.html

Giuseppe Vasi, *Delle Magnificenze di Roma Antica e Moderna,* Roma, Nella stamperia del Chracas, 1747-61 -- 1996 facsimile Avery (Non-Circulating) AE662 V44 C65, original: Avery Classics AA523 V44 F

-especially "Prospetto dell'Alma Città di Roma visto del Monte Gianicolo"

Website comparing views of Vasi to map of Nolli http://vasi.uoregon.edu/works_magnificenze.html

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)

Turgot, Louis Bretez, *Plan de Paris, commencé l'année 1734.* Paris? 1739 (Avery Classics AA1045 and Avery in facsimile AA1045 B7511 FF). original - NYPL, Schwartzman Building, Map Division room 117 (Map Div. ++++ Atlas Cases, Bretez L.)

- Picon, Antoine, Nineteenth-century Urban Cartography and the Scientific Ideal: the Case of Paris, Orsis¸ 2nd series, Vol. 18, University of Chicago Press, Chicago, 2003, pp. 135-149.
- Ranum, Orest, Paris in the Age of Absolutism, John Wiley & Sons, New York, 1968, pp 3-299.
- Trout, Andrew, City on the Seine: Paris in the Time of Richelieu and Louis XIV, St Martin's Press, New York, 1996, pp 3-233.

Mercier, Louis-Sebastien, Panorama of Paris, translated by Helen Simpson. The Pennsylvania State University Press, University Park, PA, 1999, pp 1-230.

Pierre Patte, *Monumens érigés en France à la gloire de Louis XV*, Paris, A. Guériet, 1765 (Avery Classics in Process LSI 600141F)

- ·   Ziskin, Rochelle. "The Place de Nos Conquêtes and the Unraveling of the Myth of Louis XIV." The Art Bulletin 76 (1994): 147-162.
- ·   Richard Cleary, *The Places Royales and Urban Design in the Ancient Régime,* Cambridge University Press, Cambridge, New York, 1999.

🖹 EUC14-Syllabus.rtf
🌐 Syllabus