

Isabel Meirelles: m.meirelles@neu.edu

### SHORT BIBLIOGRAPHY

Literature in the histories of visualization practices is dispersed among papers and books dealing with particular topics. There are certain areas that have a vast literature, such as spatial and temporal structures, whereas other areas are scarcely studied, as is the case of spatio-temporal and textual structures. I list below a selection of seminal texts, and I encourage you to explore these and other resources during the course of this semester.

\* Indicates books available at NU library

**Text in bold indicates the suggested weekly readings**

#### RECOMMENDED TEXTS ON THE HISTORY OF VISUALIZATION

- Akerman, James R (2006): *Cartographies of travel and navigation*. Chicago, IL: University of Chicago Press \*
- Beniger, James R. & Robyn, Dorothy L. (1978): Quantitative Graphics in Statistics: A Brief History in *The American Statistician*, Vol. 32, No. 1, pp. 1-11. (<http://www.jstor.org/stable/2683467>)
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- (1914): *Graphic methods for Presenting Facts*. New York, NY: The Engineering Magazine Company (available as reprint)
- Drucker, Johanna (2014): *Graphesis: Visual Forms of Knowledge Production*. Cambridge, MA: Harvard University Press
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- Friendly, Michael (2005): Milestones in the History of Data Visualization: A Case Study in Statistical Historiography in C. Weihs & W. Gaul (Eds.) *Classification: The Ubiquitous Challenge*, pp. 34–52. New York, NY: Springer (<http://www.math.yorku.ca/SCS/Papers/gfkl.pdf>)
- (2008): **A Brief History of Data Visualization in C. Chen et al. (Eds.) *Handbook of Computational Statistics: Data Visualization*. New York, NY: Springer. (<http://www.datavis.ca/papers/hbook.pdf>)**
- (2008): The Golden Age of Statistical Graphics in *Statistical Science*, Vol. 23, No. 4, 502–535 (<http://www.datavis.ca/papers/golden-STS268.pdf>) DOI: 10.1214/08-STS268
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- (2006): Milestones in the history of thematic cartography, statistical graphics, and data visualization (<http://www.datavis.ca/papers/gfkl.pdf>) COMPANION SITE: <http://www.datavis.ca/milestones/>
- Friendly, Michael & Palsky, Gilles (2007): *Visualizing Nature and Society in James R. Akerman et al (Eds.) Maps: Finding Our Place in the World*. Chicago, pp. 207-253. IL: University Of Chicago Press ([http://www.datavis.ca/papers/Maps\\_Chapter5-ocr.pdf](http://www.datavis.ca/papers/Maps_Chapter5-ocr.pdf))**
- Frutiger, Adrian (1997): *Signs and Symbols. Their Design and Meaning*. New York, NY: Watson-Guption Publications
- Funkhouser, H. Gray (1937): Historical Development of the Graphical Representation of Statistical Data in *Osiris*, Vol. 3 (1937), pp. 269-404. (<http://www.jstor.org/stable/301591>)
- Gould, Stephen Jay (1988): *Time's Arrow, Time's Cycle: Myth and Metaphor in the Discovery of Geological Time (Jerusalem—Harvard Lectures)*. Cambridge, MA: Harvard University Press \***
- Hankins, Thomas L. (1999): Blood, Dirt, and Nomograms: A Particular History of Graphs in *Isis*, Vol. 90, No. 1, pp. 50-80 (<http://www.jstor.org/stable/237474>)
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- Koch, Tom (2011): *Disease Maps: Epidemics on the Ground*. Chicago, IL: University of Chicago Press \*
- (2005): *Cartographies of disease: Maps, mapping, and medicine*. Redlands, CA: ESRI Press \*
- Lima, Manuel (2014): *The Book of Trees: Visualizing Branches of Knowledge*. New York: Princeton Architectural Press**
- MacEachren, Alan M. (1979): The Evolution of Thematic Cartography: A Research Methodology and Historical Review in *The Canadian Cartographer*, Vol. 16 No. I, pp. 17-33
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- Murdoch, John E. (1984): *Album of Science: Antiquity and the Middle Ages*. New York, NY: Charles Scribner's Sons \*

**Isabel Meirelles:** m.meirelles@neu.edu

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- Neurath, Otto (2010): *From Hieroglyphics to Isotype. A Visual Biography*. Matthew Eve & Christopher Burke (Eds.). London, UK: Hyphen Press
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- Yates, Frances (1966): *The Art of Memory*. Chicago, IL: University of Chicago Press \***
- Zerubavel, Eviatar (1989): *The Seven Day Circle: The History and Meaning of the Week*. Chicago, IL: Univ. of Chicago Press\*
- (2004): *Time Maps: Collective Memory and the Social Shape of the Past*. Chicago, IL: University of Chicago Press \*
- OTHER RECOMMENDED BOOKS (they only slightly cover historical aspects)
- Andrienko, G. et al. (2010): Space Time and Visual Analytics in *International Journal of Geographical Information Science*, Vol.24, No.10, 1577–1600 ([http://geog.ucsb.edu/~sara/html/research/pubs/andrienko\\_etal\\_ijgis10.pdf](http://geog.ucsb.edu/~sara/html/research/pubs/andrienko_etal_ijgis10.pdf))**
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**Isabel Meirelles:** m.meirelles@neu.edu

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- (2013). *Data Points: Visualization That Means Something* (Safari book) \*

#### RECOMMENDED BLOGS

- <http://www.thefunctionalart.com/> (Alberto Cairo's blog)
- <http://visualisingdata.com/> (Andy Kirk's blog)
- <http://flowingdata.com/> (Nathan Yau's blog)
- <http://infosthetics.com/> (Andrew Vande Moere's blog)
- <http://www.perceptualedge.com/blog/> (Stephen Few's blog)
- <http://chartsnthings.tumblr.com/> (blog of data sketches from the *New York Times* Graphics Department.)
- <http://www.theguardian.com/news/datablog> (UK *The Guardian* newspaper online blog on data and visualization)
- <http://thedailyviz.com/> (Matt Stiles's blog)
- <http://eagereyes.org/> (Robert Kosara's blog)
- <http://thewhyaxis.info/>
- [http://junkcharts.typepad.com/junk\\_charts/](http://junkcharts.typepad.com/junk_charts/) (Kaiser Fung's blog)
- <http://www.forbes.com/sites/naomirobbins/> (Naomi Robbin's blog at Forbes.com)
- <http://dataremixed.com/> (Ben Jones's blog)
- <http://storiesthroughdata.blogs.lincoln.ac.uk/> (Chris Twigg's blog)
- [http://www.infovis-wiki.net/index.php?title=Main\\_Page](http://www.infovis-wiki.net/index.php?title=Main_Page) (InfoViz community wiki with resources)
- <http://www.edwardtufte.com> (Edward Tufte's blog)

#### SELECTED REPOSITORIES OF INFOGRAPHICS

- <http://www.smallmeans.com/new-york-times-infographics/> (collection of the *New York Times* infographics up to 2011)
- <http://www.visualcomplexity.com/vc/> (Manuel Lima's archive of selected visualizations)
- <http://www.dataviz.myvirtualplayground.co.uk/> (Chris Twigg's archive of selected visualizations)