# **Course literature - Planning for a Sustainable Information Society, course code 709A05**

## Compulsory readings

## Course books:

Douay N (2018) *Urban Planning in the Digital Age: From Smart City to Open Government?* Wiley.

*Available at the university library as an e-book.*

Dijck, José van, Thomas Poell, and Martijn de Waal (2018) *The Platform Society*. New York: Oxford University Press.

*Introduction + Chaper 1. (The Platform Society as a Contested Concept)   
Will be uploaded on Lisam.*

**Articles**:

Berglund-Snodgrass L and Mukhtar-Landgren D (2020) Conceptualizing Testbed Planning: Urban Planning in the Intersection between Experimental and Public Sector Logics. *Urban Planning* 5(1):96-106.

Busch, P. A. (2020). Crafting or mass-producing decisions: Technology as professional or managerial imperative in public policy implementation. *Information Polity, 25*, 111-128. doi:10.3233/IP-190163

Ferreri M, Sanyal R. Platform economies and urban planning: Airbnb and regulated deregulation in London. *Urban Studies* 2018;55:3353–68.

Halpern O and Günel G (2017) Demoing unto Death: Smart Cities, Environment, and Preemptive Hope. *The Fibreculture Journal* (29). DOI: 10.15307/fcj.29.215.2017.

Hasler, S., Chenal, J., & Soutter, M. (2017). Digital tools as a means to foster inclusive, data-informed urban planning. *Civil Engineering and Architecture*, 5(6), 230-239.

Karvonen A, Cook M and Haarstad H (2020) Urban Planning and the Smart City: Projects, Practices and Politics. *Urban Planning* 5(1): 65–68. DOI: 10.17645/up.v5i1.2936.

Kunze, A., Burkhard, R., Gebhardt, S., & Tuncer, B. (2012). Visualization and decision support tools in urban planning. In *Digital Urban Modeling and Simulation* (pp. 279-298). Springer, Berlin, Heidelberg.

Madsen AK (2018) Data in the smart city: How incongruent frames challenge the transition from ideal to practice. *Big Data & Society*, 5:2053951718802321

Martin, C.J., Evans, J., Karvonen, A., 2018. Smart and sustainable? Five tensions in the visions and practices of the smart-sustainable city in Europe and North America. *Technological Forecasting and Social Change* 133, 269-278

McFarlane, C. and Söderström, O. (2017) 'On alternative smart cities : from a technology-intensive to a knowledge-intensive smart urbanism.', *City.*, 21 (3-4). pp. 312-328.

Morgan K and Webb B (2020) Googling the City: In Search of the Public Interest on Toronto’s ‘Smart’ Waterfront. *Urban Planning* 5(1): 84–95. DOI: 10.17645/up.v5i1.2520.

Naturvårdsverket (2019) Summary (in English), in: Utvärdering av Digitalt först – smartare miljöinformation. Pp. 9-10

Available at: <https://www.naturvardsverket.se/Documents/publikationer6400/978-91-620-6869-1.pdf?pid=24087>

Ranerup, A., & Henriksen, H. Z. (2019). Value positions viewed through the lens of automated decision-making: The case of social services. Government Information *Quarterly, 36*(4), 101377. doi:<https://doi.org/10.1016/j.giq.2019.05.004>

*Additional literature may be added before course start*

## Recommended additional readings

Behrendt F. Why cycling matters for Smart Cities. Internet of Bicycles for Intelligent Transport. *Journal of Transport Geography* 2016;56:157–64

Hollands, R.G., 2008. Will the real smart city please stand up? City 12, 303-320.

Kitchin R, McArdle G. What makes Big Data, Big Data? Exploring the ontological characteristics of 26 datasets. *Big Data & Society*, 2016;3:2053951716631130

Kronsell, Annica & Dahlia Mukthar Landgren (2018) Experimental governance: the role of

municipalities in urban living labs, *European Planning Studies*.

Luque-Ayala, A., Marvin, S., 2015. Developing a critical understanding of smart urbanism? Urban Studies 52, 2105-2116.

Skill, Karin & Marie Francisco (2020) *A Digital Anti-Politics Machine? Expectations for Artificial Intelligence and Data to Solve Complex Sustainability Challenges*. In: Whose Agenda: Action, Research, & Politics (eds) Larry Stillman and Misita Anwar. Community Informatics Research Network.  
*The text will be made available on Lisam.*

The Guardian, (2020). A robot wrote this entire article. Are you scared yet, human? URL. [https://www.theguardian.com/commentisfree/2020/sep/08/robot-wrote-this-article-gpt-3](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.theguardian.com%2Fcommentisfree%2F2020%2Fsep%2F08%2Frobot-wrote-this-article-gpt-3&data=04%7C01%7Cjulia.velkova%40liu.se%7C1fbab90f9c9d4e320ebf08d8a66afaf0%7C913f18ec7f264c5fa816784fe9a58edd%7C0%7C0%7C637442325724367313%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=Maag5%2BFZ77bo9x1I%2FIz6p5Dt5zRW%2F5FWeKnOki4V250%3D&reserved=0)

Winner, L. (1977). *Autonomous technology : technics-out-of-control as a theme in political thought*. Cambridge, Mass.: MIT Press.