

Bibliography

- A. Sharifi. (2019a). A critical review of selected smart city assessment tools and indicator sets. *Journal of Cleaner Production* 233. DOI: 10.1016/j.jclepro.2019.06.172
- A. Sharifi. (2019b). A global dataset on tools, frameworks, and indicator sets for smart city assessment. <https://doi.org/10.1016/j.scs.2019.101936>
- A. Sharifi. (2020). A typology of smart city assessment tools and indicator sets. *Sustainable Cities and Society* 53:101936. DOI: 10.1016/j.scs.2019.101936
- Aapo Huovila, Peter Bosch, Miimu Airaksinen, 2019. Comparative analysis of standardized indicators for Smart sustainable cities: What indicators and standards to use and when?. *Volume 89, June 2019, Pages 141-153.* <https://doi.org/10.1016/j.cities.2019.01.029>
- Albino, V, Umberto Berardi & Rosa Maria Dangelico. (2015) Smart Cities: Definitions, Dimensions, Performance, and Initiatives, *Journal of Urban Technology*, 22:1, 3-21, DOI: 10.1080/10630732.2014.942092
- Angelidou, M. (2017). The Role of Smart City Characteristics in the Plans of Fifteen Cities, *Journal of Urban Technology*, 1-28
- B. Cohen. (2012a). What exactly is a smart city?. Retrieved from Co. Exist19
- B. Cohen. (2012b). Key components for smart cities. Retrieved from UBMs Future Cities.
- B. Cohen. (2013). The Smart City Wheel. Retrieved from SMART & SAFE CITY: <http://www.smart-circle.org/smartcity/blog/boyd-cohen-the-smart-city-wheel/>
- B Cohen. (2014). The smartest cities in the world 2015: Methodology. Fast Coexist.
- Bosch, Peter & Jongeneel, Sophie & Neumann, Hans-Martin & Iglár, Branislav & Huovila, Aapo & Airaksinen, Miimu & Seppä, Isabel. (2016). Recommendations for a smart city index. 10.13140/RG.2.2.20190.74562.
- Caird, S. and Hallett, S.H. (2019) Towards Evaluation Design for Smart City Development. *J. Urban Design.* 24:2, 188-209, doi.org/10.1080/13574809.2018.1469402.
- Camero, A., and Alba, C. 2019. Smart City and information technology: A review. *Cities* 93:84-94. DOI: 10.1016/j.cities.2019.04.014
- Castelnovo, W, Gianluca Misuraca, Alberto Savoldelli, Charles David Crumpton, Supawatanakorn Wongthanavasut, Peerasit Kamnuansilpa. (2015). Smart Cities Governance: The Need for a Holistic Approach to Assessing Urban

Participatory Policy Making. *Social Science Computer Review* 34(6). DOI: 10.1177/0894439315611103

John Draper & Eva Bialobrzeski (2020): Assessing the ASEAN Smart Cities Network (ASCN) via the Quintuple Helix Innovation Framework, with Special Regard to Smart City Discourse, Civil Participation, and Environmental Performance. *International Journal of Urban Sustainable Development*, DOI: 10.1080/19463138.2020.1827411

George Cristian Lazaroiu and Mariacristina Roscia. (2012). Definition methodology for the smart cities model. *Energy* 47 (2012) 326-332. DOI: 10.1016/j.energy.2012.09.028

Giffinger, Rudolf & Fertner, Christian & Kramar, Hans & Kalasek, Robert & Milanović, Nataša & Meijers, Evert. (2007). Smart cities - Ranking of European medium-sized cities.

Giffinger and Gudrun. (2010). Smart cities ranking: An effective instrument for the positioning of the cities.

Government of India, Ministry of Urban Development, 2015, Smart Cities Mission Statement & Guidelines. Official Report of Smart City Mission Transformation on June.

D. Washburn, Usman Sindhu, Stephanie Balaouras, Rachel A. Dines, Nicholas M. Hayes, and Lauren E. Nelson. (2010). Helping CIOs Understand “Smart City” Initiatives: Defining the Smart City, Its Drivers, And the Role of the CIO.

I. Picioroagă, M. Eremia, M. Sănduleac,. (2018) "SMART CITY: Definition and Evaluation of Key Performance Indicators,". *International Conference and Exposition on Electrical and Power Engineering (EPE)*, pp. 217-222, doi: 10.1109/ICEPE.2018.8559763.

ISO/TR 37120:2014 (en) Smart Community Infrastructures—Review of Existing Activities Relevant to Metrics. Available online: ISO.org

Jouili. K, Abdurahman Al Furjani, Isam Shahrour, Kent Washington. (2017). The Smart City: How to Evaluate Performance?. *International Conference, Responsible organizations in the Global Context*. <https://www.researchgate.net/publication/324519873>

Kitchin, R. (2014). The real-time city? Big data and smart urbanism. *GeoJournal*, 79, 1–14.

Kitchin R., Tracey P. Lauriault, Gavin McArdle. (2015). Knowing and governing cities through urban indicators, city benchmarking and real-time dashboards. *Regional Studies, Regional Science* 2(1):6-28.

- Lai CS, Jia Y, Dong Z, Wang D, Tao Y, Lai QH, Wong RTK, Zobaa AF, Wu R, Lai LL. A Review of Technical Standards for Smart Cities. *Clean Technologies*. 2020; 2(3):290-310. <https://doi.org/10.3390/cleantechnol2030019>
- Lombardi, P., Giordano, S., Farouh, H., Yousef, W. (2012). Modelling the smart city performance. *Innov. Eur. J. Soc. Sci. Res.*, 25, 137–149.
- James Merricks White. 2021. Standardising the city as an object of comparison: The promise, limits and perceived benefits of ISO 37120. <https://doi.org/10.1016/j.tele.2020.101515>
- Mckinsey Global Institute (MGI). (2018). Smart Cities in Southeast Asia. World Cities Summit 2018.
- Mahizhnan, A. (1999) Smart Cities: The Singapore Case. *Cities*, 16, 13-18. [http://dx.doi.org/10.1016/S0264-2751\(98\)00050-X](http://dx.doi.org/10.1016/S0264-2751(98)00050-X)
- María Verónica Alderete. 2019. Exploring the Smart City Indexes and the Role of Macro Factors for Measuring Cities Smartness. *Social Indicators Research (2020) 147:567–589* <https://doi.org/10.1007/s11205-019-02168-y>
- Natalia Kogan. (2014). Exploratory research on success factors and challenges of Smart City Projects. *Asia Pacific Journal of Information Systems* 24(2):141-189 DOI: 10.14329/apjis.2014.24.2.141
- Nicos Komninos. (2006). The architecture of intelligent cities: Integrating human, collective and artificial intelligence to enhance knowledge and innovation. <https://www.researchgate.net/publication/252536162>
- OECD. (2008). Handbook on Constructing Composite Indicators: Methodology and User Guide. <https://www.oecd.org/sdd/42495745.pdf>
- OECD (2018), “The policy implications of digital innovation and megatrends in (smart) cities of the future: A project proposal”.
- OECD. (2020a). Measuring smart cities performance: Do smart cities benefit everyone? <https://www.oecd.org/cfe/cities/Smart-cities-measurement-framework-scoping.pdf>
- OECD. (2020b). Tourism Trends and Policies.
- Parul Gupta., Sumedha Chauhan., & M. P. Jaiswal. 2019. Classification of Smart City Research - a Descriptive Literature Review and Future Research Agenda. <https://doi.org/10.1007/s10796-019-09911-3>
- Patrão, C.Moura, P., Almeida, A.T.d. Review of Smart City Assessment Tools. *Smart Cities* 2020, 3, 1117-1132. <https://doi.org/10.3390/smartcities3040055>
- Peter Bosch, Sophie Jongeneel, Hans-Martin Neumann, Iglar Branislav, and Aapo Huovila. 2015. CITYkeys: Recommendations for a smart city index. Horizon

2020.<https://nws.euocities.eu/MediaShell/media/CITYkeys%20D3.3%20%20Recommendations%20for%20the%20Smart%20City%20Index.pdf>

Price Waterhouse Coopers (PWC). (2018). Roadmap to building a citizen-centric Smart GBA Region. <https://www.pwccn.com/en/research-and-insights/roadmap-to-building-a-citizen-centric-smart-gba-region.pdf>

Sabine Sedlacek. (2021). Critical Review of Smart City Concepts, Strategies and Indicators.https://www.modul.ac.at/uploads/files/Theses/Master/MBA_2021/210413_MT_Birthe_Getzner_FINAL.pdf

Sanjaya, A., SA. Krisna, TB. Mursito, and Supriyadi. (2018). Research Trends of Smart City in Indonesia: Where Do We Go from Here? . Doi:10.31227/osf.io/ge359.

Saraju P. Mohanty. (2016). Everything You Wanted to Know About Smart Cities. *IEEE Consumer Electronics Magazine* 5(3):60-70

Schumann, A. (2016), Using Outcome Indicators to Improve Policies: Methods, Design Strategies and Implementation. *OECD Regional Development Working Papers*, No. 2016/02, OECD Publishing, Paris, <https://doi.org/10.1787/5jm5cgr8j532-en>

SMARK International. (2016). Smart HK – Urban Planning Strategies for Developing Hong Kong as a Smart City – Final Report. <https://foa-media.arch.hku.hk/media/upload/Smart-City-Final-Report-from-Smark-International-final-version.pdf>

Shah, M. N., Shekhar Nagargoje, Chiranjay Shah. (2017). Assessment of Ahmedabad (India) and Shanghai (China) on Smart City Parameters Applying the Boyd Cohen Smart City Wheel. *Proceedings of the 20th International Symposium on Advancement of Construction Management and Real Estate*. Y. Wu, S. Zheng, J. Luo et al. Singapore, Springer Singapore: 111-127

Singapore. (2018a). Concept note: ASEAN smart cities network. *Government of Singapore*. <http://asean.org/storage/2018/04/Concept-Note-of-the-ASEAN-Smart-CitiesNetwork.pdf>.

Singapore. (2018b). Smart Nation: The Way Forward. *Singapore Smart Nation and Digital Government Office*. 27-30

United Nations. (2019). Sustainable Development Goals. New York: United Nations. Available at <https://sustainabledevelopment.un.org/>.

UNECE. (2020). People-Smart Sustainable Cities. *United Nations Publication*. Sales No. E.20.II.E.40, ISBN 978-92-1-117256-0. https://unece.org/sites/default/files/2021-01/SSC%20nexus_web_opt_ENG.pdf



UNIVERSITAS
GADJAH MADA

Indonesia Smart Cities Assessment Using Boyd Cohen Indicators: The Importance of Performance Comparison

RAHMAT TRI HARIADI, Dr. Ely Susanto

Universitas Gadjah Mada, 2021 | Diunduh dari <http://etd.repository.ugm.ac.id/>

V. Fernandez-Anez, José Miguel Fernández-Güell & Rudolf Giffinger. (2017). Smart City implementation and discourses: An integrated conceptual model. The case of Vienna. <https://doi.org/10.1016/j.cities.2017.12.004>

World Bank. (2020) World Development Report 2020: Trading for Development in the Age of Global Value Chains.

t