

5. Conclusion

Smart City mainly depends on modern technology and how it can be applied at all levels of the city, especially the roads and traffic through:

- (i) Preparing & implementing intelligent traffic studies and designs concerning intelligent traffic system, which comprise studying suggested traffic systems' sites, designing traffic systems' communication networks and e-linking, overseeing implementation of the traffic works, in addition to the implantation of toll collection system.
- (ii) The design smart applications, technology appropriate to the size and density of the city, which contributes to reduce the traffic congestion daily rates such as the application of new by parking lots.
- (iii) Connecting Light signal networks to a wireless system based on 3G technology to follow up its work, to avoid breakdowns.
- (iv) Applying GIS system on all geographical databases for roads with a maximum use for traffic, as if to know the congestion rates, as in google maps app.
- (v) The primary goal of a smart city is to preserve the environment keep it sustainable for future generations

References

- [1] [online]<https://internetofthingsagenda.techtarget.com/definition/smart-city>. [Accessed 20 November 2019]
- [2] **Conference:** Bin Al Habib M., Bin Hamed A. Activating e-tourism within the plan of transformation to smart cities. Smart Cities under current changes (reality and prospects);29-30 March; Berlin, Germany. Democratic Arabic Center for Strategic, Political & Economic Studies; 2019.p10-26.
- [3] Wikipedia [online]<https://ar.wikipedia.org>. [Accessed 20 November 2018]
- [4] **Conference:** Nezha A., Mohamed A. Definition of the Smart city, intelligent transportation, and Morocco experience: Sale city model. Smart Cities under current changes (reality and prospects);29-30 March; Berlin, Germany. Democratic Arabic Center for Strategic, Political & Economic Studies; 2019.p309-321.
- [5] **Journal article:** Sharifi A., Yamagata Y. Resilient urban planning: Major principles and criteria. Energy Procedia. 2014 Jan 1;61(Supplement C):1491-5.
- [6] Gouda R., Sustainable Urban Model for Developing New Cities in Egypt, PHD thesis, Faculty of Engineering, Cairo University, 2019. [Not published]
- [7] **Journal article:** Myeong, S., Jung, Y. and Lee, E. A study on determinant factors in smart city development: An analytic hierarchy process analysis. Sustainability,2018; 10(8): p.2606.
- [8] RTA [online] <https://www.rta.ae/wps/portal/rta/ae/home> [Accessed 20 November 2019]
- [9] RTA [online] <https://www.rta.ae/wps/portal/rta/ae/home> [Accessed 20 November 2019]
- [10] RTA [online] <https://www.rta.ae/wps/portal/rta/ae/home> [Accessed 20 November 2019]
- [11] RTA [online] <https://www.rta.ae/wps/portal/rta/ae/home> [Accessed 20 November 2019]
- [12] RTA [online] <https://www.rta.ae/wps/portal/rta/ae/home> [Accessed 20 November 2019]
- [13] RTA [online] <https://www.rta.ae/wps/portal/rta/ae/home>
- [14] [online] <https://www.rta.ae/wps/portal/rta/ae/home> [Accessed 20 November 2019]
- [15] Albayan [online]<https://www.albayan.ae/across-the-uae/news-and-reports/2019-08-25-1.3633432> [Accessed 20 November 2018]
- [16] Slashgear [online]<https://www.slashgear.com/hamburg-germany-to-test-first-smart-road-in-europe-11396318/> [Accessed 20 November 2019]
- [17] The Internet of All Things [online]<https://www.theinternetofallthings.com/cisco-and-hamburg-city-are-well-on-way-to-building-first-ever-smart-road-20150604/> [Accessed 20 November 2019]
- [18] Mostakbal City [online]<https://www.dimensions-eg.com> [Accessed 12 March 2020]
- [19] Mostakbal City [online] <http://wikimapia.org/17504880/Mostakbal-City> [Accessed 12 March 2020]