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## REFERENCES

- Abdelfatah, A. (2016). Traffic Fatality Causes and Trends in Malaysia. *Working Paper Series*.
- Alhaji, U. U., Yusuf, A. S., Edet, C. O., Oche, C. O., & Agbo, E. P. (2018). Trend Analysis of Temperature in Gombe State Using Mann Kendall Trend Test. *Journal of Scientific Research and Reports*, 20(3), 1–9. <https://doi.org/10.9734/JSRR/2018/42029>
- Al-Reesi, H., Ganguly, S. S., Al-Adawi, S., Laflamme, L., Hasselberg, M., & Al-Maniri, A. (2013). Economic Growth, Motorization, and Road Traffic Injuries in the Sultanate of Oman, 1985–2009. *Traffic Injury Prevention*, 14(3), 322–328. <https://doi.org/10.1080/15389588.2012.694088>
- Amarasinghe, P. G., & Dharmaratne, S. D. (2019). Epidemiology of road traffic crashes reported in the Kurunegala Police Division in Sri Lanka. *Sri Lanka Journal of Medicine*, 28(1), 10. <https://doi.org/10.4038/sljm.v28i1.102>
- Banik, B. K., Chowdhury, M. A. I., Hossain, E., & Mojumdar, B. (2011). *ROAD ACCIDENT AND SAFETY STUDY IN SYLHET REGION OF BANGLADESH*. 6.
- Bener, A., Hussain, S. J., Al Malki, M. A., Shotar, M. M., Al Said, M. F., & Jadaan, K. S. (2010). Road traffic fatalities in Qatar, Jordan and the UAE: Estimates using regression analysis and the relationship with economic growth. *Eastern Mediterranean Health Journal*, 16(03), 318–323. <https://doi.org/10.26719/2010.16.3.318>
- Bin Islam, M., & Kanitpong, K. (2008). IDENTIFICATION OF FACTORS IN ROAD ACCIDENTS THROUGH IN-DEPTH ACCIDENT ANALYSIS. *IATSS Research*, 32(2), 58–67. [https://doi.org/10.1016/S0386-1112\(14\)60209-0](https://doi.org/10.1016/S0386-1112(14)60209-0)
- Bishai, D., Quresh, A., James, P., & Ghaffar, A. (2006). National road casualties and economic development. *Health Economics*, 15(1), 65–81. <https://doi.org/10.1002/hec.1020>

---

Central Bank of Sri Lanka. (2021). *Economic and social statistics of Sri Lanka, 2021: Vol. XLIII*.

Central Bank of Sri Lanka, Statistics Department.

Cómbita, À. A. C. (2017). *Exploring the Determinants of Vulnerable Road Users' Severity in State Roads* [MSC Dissertations and Theses, Portland State University].

<https://doi.org/10.15760/etd.5946>

Da Silva, R. M., Santos, C. A. G., Moreira, M., Corte-Real, J., Silva, V. C. L., & Medeiros, I. C.

(2015). Rainfall and river flow trends using Mann–Kendall and Sen's slope estimator statistical tests in the Cobres River basin. *Natural Hazards*, 77(2), 1205–1221.

<https://doi.org/10.1007/s11069-015-1644-7>

Dabanlı, İ., Şen, Z., Yeleğen, M. Ö., Şişman, E., Selek, B., & Güçlü, Y. S. (2016). Trend

Assessment by the Innovative-Şen Method. *Water Resources Management*, 30(14), 5193–5203. <https://doi.org/10.1007/s11269-016-1478-4>

Danthanarayana, C. T., & Mallikahewa, S. N. (2021). An Analysis of the Enduring Factors of Road Traffic Accidents in Sri Lanka. *Sri Lanka Journal of Economic Research*, 8(2), 39.

<https://doi.org/10.4038/sljer.v8i2.136>

Das, J., Mandal, T., Rahman, A. T. M. S., & Saha, P. (2021). Spatio-temporal characterization of rainfall in Bangladesh: An innovative trend and discrete wavelet transformation approaches.

*Theoretical and Applied Climatology*, 143(3–4), 1557–1579. <https://doi.org/10.1007/s00704-020-03508-6>

Dharmaratne, S. D., Jayatilleke, A. U., & Jayatilleke, A. C. (2015). Road traffic crashes, injury and fatality trends in Sri Lanka: 1938–2013. *Bulletin of the World Health Organization*, 93(9),

640–647. <https://doi.org/10.2471/BLT.14.150193>

Edirisinghe, P. A. S., Kitulwatte, I. D. G., & Senarathne, U. D. (2014). Injuries in the vulnerable road user fatalities; a study from Sri Lanka. *Journal of Forensic and Legal Medicine*, 27, 9–

12. <https://doi.org/10.1016/j.jflm.2014.07.002>

- 
- Gilbert, R. O. (1987). *Statistical Methods for Environmental Pollution Monitoring*. John Wiley and Sons, New York.
- Gobyschanger, T., Bales, A. M., Hardman, C., & McCarthy, M. (2020). Establishment of a road traffic trauma registry for northern Sri Lanka. *BMJ Global Health*, 5(1), e001818.  
<https://doi.org/10.1136/bmjgh-2019-001818>
- Grimm, M., & Treibich, C. (2013). DETERMINANTS OF ROAD TRAFFIC CRASH FATALITIES ACROSS INDIAN STATES: DETERMINANTS OF ROAD TRAFFIC FATALITIES IN INDIA. *Health Economics*, 22(8), 915–930.  
<https://doi.org/10.1002/hec.2870>
- Herwangi, Y., Pradono, P., Syabri, I., & Kustiwan, I. (2017, December). *Transport Affordability and Motorcycle Ownership in Low-income Households: Case of Yogyakarta Urbanised Area, Indonesia*.
- Hossain, Ahmed, Rahman, M. Ashifur, & Sun, Xiaoduan. (2022). *Roadway Crash Trend Analysis with Innovative Trend Analysis and Mann-Kendall Test*. 1266570 Bytes.  
<https://doi.org/10.6084/M9.FIGSHARE.21257058.V1>
- Institute for Health Metrics and Evaluation. (2019). *GBD Compare*. Institute for Health Metrics and Evaluation. <http://vizhub.healthdata.org/gbd-compare>
- International Bank for Reconstruction and Development/The World Bank. (2020a). *Delivering Road Safety in Sri Lanka*. International Bank for Reconstruction and Development/The World Bank.  
<https://documents1.worldbank.org/curated/en/976361582088610795/pdf/Delivering-Road-Safety-in-Sri-Lanka-Leadership-Priorities-and-Initiatives-to-2030.pdf>
- iRAP. (2016). *THE TRUE COST OF ROAD CRASHES Valuing life and the cost of a serious injury*. The International Road Assessment Programme.  
[https://irap.org/2016/12/upload\\_file\\_specification/](https://irap.org/2016/12/upload_file_specification/)

- 
- Jayarathne, M., & Kumarage, A. S. (2005). *Analysis of Trends in Fatal Accidents of Vulnerable Road Users in Sri Lanka*. 1513. <http://vti.diva-portal.org/smash/get/diva2:781525/FULLTEXT01.pdf>
- Jobson, J. D. (1991). Chapter 4: Multiple Linear Regression. In *Multiple Linear Regression* (Vol. i). Springer, New York, NY.
- John, S. A., & Brema, J. (2018, December). Rainfall Trend Analysis by Mann Kendall Test For Vamanapuram River Basin, Kerala. *International Journal of Civil Engineering and Technology (IJCIET)*, 9(13), 8.
- Kampata, J. M., Parida, B. P., & Moalafhi, D. B. (2008). Trend analysis of rainfall in the headstreams of the Zambezi River Basin in Zambia. *Physics and Chemistry of the Earth, Parts A/B/C*, 33(8–13), 621–625. <https://doi.org/10.1016/j.pce.2008.06.012>
- Kisi, O., & Ay, M. (2014). Comparison of Mann–Kendall and innovative trend method for water quality parameters of the Kizilirmak River, Turkey. *Journal of Hydrology*, 513, 362–375. <https://doi.org/10.1016/j.jhydrol.2014.03.005>
- Kiş, Ö., Santos, C. A. G., Da Silva, R. M., & Zounemat-Kermani, M. (2018). Trend analysis of monthly streamflows using Şen’s innovative trend method. *Geofizika*, 35(1), 53–68. <https://doi.org/10.15233/gfz.2018.35.3>
- Kitamura, Y., Hayashi, M., & Yagi, E. (2018). Traffic problems in Southeast Asia featuring the case of Cambodia’s traffic accidents involving motorcycles. *IATSS Research*, 42(4), 163–170. <https://doi.org/10.1016/j.iatssr.2018.11.001>
- Koudahe, K., Kayode, A. J., Samson, A. O., Adebola, A. A., & Djaman, K. (2017). Trend Analysis in Standardized Precipitation Index and Standardized Anomaly Index in the Context of Climate Change in Southern Togo. *Atmospheric and Climate Sciences*, 07(04), 401–423. <https://doi.org/10.4236/acs.2017.74030>

- 
- Meals, D. W., Spooner, J., Dressing, S. A., & Harcum, J. B. (2011). *Statistical Analysis for Monotonic Trends*. U.S. Environmental Protection Agency by Tetra Tech, Inc. **Error!**  
**Hyperlink reference not valid.**
- National Council for Road Safety. (2023). *Number of Persons killed in Road Accidents*.  
[https://www.transport.gov.lk/web/index.php?option=com\\_content&view=article&id=29&Itemid=149&lang=en#2020-vehicle-accidents](https://www.transport.gov.lk/web/index.php?option=com_content&view=article&id=29&Itemid=149&lang=en#2020-vehicle-accidents)
- National Human Resources Development Council of Sri Lanka. (2019). *Study on Upgrading Livelihood Strategies of Three-wheeler Drivers in Sri Lanka*. National Human Resources Development Council of Sri Lanka. <https://nhrdc.gov.lk/nhrdc//repopdf/TW%20Report.pdf>
- Ngwira, G. M., Bolaane, B., & Parida, B. P. (2023). Investigating the trend of road traffic fatalities in Malawi using Mann-Kendall statistic. *Heliyon*, 9(2), e13700.  
<https://doi.org/10.1016/j.heliyon.2023.e13700>
- P Z, S., & K V, J. (2021). Comparative study of innovative trend analysis technique with Mann-Kendall tests for extreme rainfall. *Arabian Journal of Geosciences*, 14(7), 536.  
<https://doi.org/10.1007/s12517-021-06906-w>
- Ranawaka, R. K. T. K., & Pasindu, H. R. (2019). Decade of Action for Road Safety: Trends in Road Accidents, Sri Lanka. In *Transport Research Forum 2019 Abstracts* (p. 94). University of Moratuwa. [https://uom.lk/sites/default/files/civil/files/TRF%202019\\_0.pdf](https://uom.lk/sites/default/files/civil/files/TRF%202019_0.pdf)
- Scuffham, P. A. (2003). Economic factors and traffic crashes in New Zealand. *Applied Economics*, 35(2), 179–188. <https://doi.org/10.1080/0003684022000017566>
- Şen, Z. (2017). Hydrological trend analysis with innovative and over-whitening procedures. *Hydrological Sciences Journal*, 62(2), 294–305.  
<https://doi.org/10.1080/02626667.2016.1222533>
- Sri Lanka Tourism Development Authority. (2020b). *Tourism Industry Report Fourth Quarter 2019* (p. 29). Sri Lanka Tourism Development Authority.

---

[https://sltda.gov.lk/storage/common\\_media/Tourism%20industry%20report%20Q4%202019%20Update2538767259.pdf](https://sltda.gov.lk/storage/common_media/Tourism%20industry%20report%20Q4%202019%20Update2538767259.pdf)

Sulaiman, N. H., Kamarudin, M. K. A., Mustafa, A. D., Amran, M. A., Azaman, F., Abidin, I. Z., & Hairoma, N. (2015). *TREND ANALYSIS OF PAHANG RIVER USING NON-PARAMETRIC ANALYSIS: MANN KENDALL'S TREND TEST*. 19(6).

Tuan, N. H., & Canh, T. T. (2021). Analysis of Trends in Drought with the Non-Parametric Approach in Vietnam: A Case Study in Ninh Thuan Province. *American Journal of Climate Change*, 10(01), 51–84. <https://doi.org/10.4236/ajcc.2021.101004>

University of Moratuwa, T. E. D., Department of Civil Engineering. (2019). *APPRAISAL OF THE NATIONAL ROAD SAFETY ACTION PLAN: CURRENT STATUS, INSTITUTIONAL READINESS AND WAY FORWARD* (p. 44).

[https://roadsafety.gov.lk/images/2021/APPRAISAL\\_OF\\_THE\\_NATIONAL\\_ROAD\\_SAFE TY\\_ACTION\\_PLAN\\_CURRENT\\_STATUS\\_INSTITUTIONAL\\_READINESS\\_AND\\_WA Y\\_FORWARD\\_FINAL\\_REPORT\\_si.pdf](https://roadsafety.gov.lk/images/2021/APPRAISAL_OF_THE_NATIONAL_ROAD_SAFE TY_ACTION_PLAN_CURRENT_STATUS_INSTITUTIONAL_READINESS_AND_WA Y_FORWARD_FINAL_REPORT_si.pdf)

Wagenaar, A. C. (1984). Effects of macroeconomic conditions on the incidence of motor vehicle accidents. *Accident Analysis & Prevention*, 16(3), 191–205. [https://doi.org/10.1016/0001-4575\(84\)90013-7](https://doi.org/10.1016/0001-4575(84)90013-7)

World Bank. (2020). *Guide for Road Safety Opportunities and Challenges Low- and Middle-Income Countries Country Profiles*. World Bank.

<https://www.roadsafetyfacility.org/publications/guide-road-safety-opportunities-and-challenges-low-and-middle-income-country-profiles>

World Health Organization. (2009). Global status report on road safety: Time for action. *Rapport de Situation Sur La Sécurité Routière Dans Le Monde : Il Est Temps d'agir*, 287.

- 
- World Health Organization. (2017). *Accelerating actions for implementation of decade of action for road safety*. World Health Organization SEA. <https://www.who.int/publications/i/item/9789290226246>
- World Health Organization. (2018a). *Global status report on road safety 2018*. World Health Organization. <https://apps.who.int/iris/handle/10665/276462>
- World Health Organization. (2020a). *Status of Road Safety in the South-East Asia Region*. World Health Organization SEA. <https://apps.who.int/iris/handle/10665/339237>
- World Health Organization. (2018b). *WHO | Death on the roads*. [https://extranet.who.int/roadsafety/death-on-the-roads/#country\\_or\\_area/LKA](https://extranet.who.int/roadsafety/death-on-the-roads/#country_or_area/LKA)
- World Health Organization. (2020b). *The top 10 causes of death*. <https://www.who.int/news-room/fact-sheets/detail/the-top-10-causes-of-death>
- World Health Organization. (2021, February 9). *Estimated road traffic death rate (per 100 000 population)*. [https://www.who.int/data/gho/data/indicators/indicator-details/GHO/estimated-road-traffic-death-rate-\(per-100-000-population\)](https://www.who.int/data/gho/data/indicators/indicator-details/GHO/estimated-road-traffic-death-rate-(per-100-000-population))