

List of publications employing ionospheric maps from the Gatotkaca database:

No.	Title	Authors	Year	Journals/Proceedings	DOI/Link
1	3D tomographic analysis of equatorial plasma bubble using GNSS-TEC data from Indonesian GNSS Network	Muafiry, I. N., Abadi, P., Pratama, T. N., Martiningrum, D. R., Ekawati, S., Wismaya, Y. G., Chabibi, F. F., & Pramono, G. H.	2025	Earth and Planetary Physics, 9 (1), 1 – 10	10.26464/epp2024075
2	Leveraging ROTI map derived from Indonesian GNSS receiver network for advancing study of Equatorial Plasma Bubble in Southeast/East Asia	Abadi, P., Muafiry, I. N., Pratama, T. N., Putra, A. Y., Suraina, Pramono, G. H., Wibowo, S. T., Chabibi, F. F., Ahmad, U. A., Tresna W. P., & Asnawi	2025	Earth and Planetary Physics, 9(1), 1–16	10.26464/epp2025007
3	Multi-Instrument analysis of ionospheric equatorial plasma bubbles over the Indian and Southeast Asian longitudes during the 19–20 April 2024 geomagnetic storm	Panda, S. K., Rajana, S. S. K., Vivek, C. G., Dabbakuti, J. R. K. K., Jamir, W., & Jamjareegulgarn, P.	2025	Remote Sensing, 17(6), 1100	10.3390/rs17061100
4	Pre-sunrise equatorial plasma bubble over Indonesia during the 11 May 2024 super geomagnetic storm.	Suraina, Rakhman, A., Abadi, P., Kilowasid, L. O. M. M., Putra, A. Y., Perwitasari, S., & Irnaka, T. M.	2025	Earth and Space Science, 12, e2024EA004152	10.1029/2024EA004152
5	Effects of the October 2024 Storm over the Global Ionosphere.	Paul KS, Haralambous H, Moses M, Tripathi SC.	2025	Remote Sensing, 17(13):2329	10.3390/rs17132329
6	Post-Sunrise Ionospheric Irregularities in Southeast Asia During the	Abadi P, Muafiry IN, Pratama TN, Putra AY, Faturahman A, Noersomadi, Maryadi E, Chabibi FF, Ahmad UA, Li G, et al.	2025	Remote Sensing, 17(16):2906	10.3390/rs17162906

	Geomagnetic Storm on 19–20 April 2024.				
7	Generation of Pre-Sunrise Equatorial Plasma Bubbles Under the Influence of Geomagnetic Storms Based on ROTI Maps Over Indonesia	Suraina, A. Rakhman, T. M. Irnaka and P. Abadi	2025	2025 International Seminar on Intelligent Technology and Its Applications (ISITIA), Surabaya, Indonesia, 2025, pp. 461-466	10.1109/ISITIA66279.2025.11137529
8	Tracing the Origin of Daytime Ionospheric Topside Irregularities at Low Latitudes Using Radar and GNSS Receiver Observations	Haiyong Xie, Guozhu Li, Xiukuan Zhao, Guofeng Dai, Lianhuan Hu, Prayitno Abadi, Wenjie Sun, Biqiang Zhao, Yi Li, Jianfei Liu, Baiqi Ning, Libo Liu	2025	Journal of Geophysical Research: Space Physics, 130, e2025JA034444	https://doi.org/10.1029/2025JA034444
9	Freshly Generated Super Sunrise Plasma Bubbles During the Geomagnetic Storm on November 5–6, 2023	Ke Li, Donghe Zhang, Yaoyu Tian, Yi Zeng, Guanglin Yang, Xiukuan Zhao, Guozhu Li, Yongqiang Hao	2025	Space Weather, 24, e2025SW004640	https://doi.org/10.1029/2025SW004640
10	Complex ionospheric irregularity echoes observed by low latitude long range ionospheric radar	Yuxiao Li, Lianhuan Hu, Guozhu Li, Baiqi Ning, Guofeng Dai, Wenjie Sun, Haiyong Xie, Xiukuan Zhao, Yi Li, Jianfei Liu, Prayitno Abadi, Prasert Kenpankho, Bo Xiong	2026	Journal of Geophysical Research: Space Physics, 131, e2025JA034381	https://doi.org/10.1029/2025JA034381
11	Origin of Intense Plasma Depletions After Midnight Over the Korean Peninsula During the Geomagnetic Storm on 11 May 2024	Kil, H., Jeong, S.-H., Lee, W. K., Hong, J., Perwitasari, S., Nishioka, M., & Abadi, P.	2026	Geophysical Research Letters, 53, e2025GL119954	https://doi.org/10.1029/2025GL119954