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Cover Sheet for List of ISWI Publications

By G. Maeda, 26 January 2013,
Editor of the *ISWI Newsletter*

Attached to this cover sheet you will find the current list for ISWI publications. This list is maintained by

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2012

1. Zhao, B., Wan, W., Lei, J., Wei, Y., Sahai, Y., Reinisch, B. **Positive ionospheric storm effects at Latin America longitude during the superstorm of 20-22 November 2003: revisit** (2012) *Annales Geophysicae*, Volume 30, Issue 5, 2012, pp.831-840 (ADS) doi: [10.5194/angeo-30-831-2012](https://doi.org/10.5194/angeo-30-831-2012)
2. Zerbo, J.-L., Amory-Mazaudier, C., Ouattara, F. **Geomagnetism during solar cycle 23: Characteristics** (2012) *Journal of Advanced Research*, Article in Press
3. Zerbo, J.L., Amory Mazaudier, C., Ouattara, F., Richardson, J.D. **Solar wind and geomagnetism: Toward a standard classification of geomagnetic activity from 1868 to 2009** (2012) *Annales Geophysicae*, 30 (2), pp. 421-426. Review
4. Zucca, P., Carley, E.P., McCauley, J., Gallagher, P.T., Monstein, C., McAteer, R.T.J. **Observations of Low Frequency Solar Radio Bursts from the Rosse Solar-Terrestrial Observatory** (2012) *Solar Physics*, 280 (2), pp. 591-602. Article doi: [10.1007/s11207-012-9992-x](https://doi.org/10.1007/s11207-012-9992-x)
5. Yizengaw, E., Zesta, E., Moldwin, M.B., Damtie, B., Mebrahtu, A., Valladares, C.E., Pfaff, R.F. **Longitudinal differences of ionospheric vertical density distribution and equatorial electrodynamicity** (2012) *Journal of Geophysical Research*, Volume 117, Issue A7, CiteID A07312 (ADS) doi: [10.1029/2011JA017454](https://doi.org/10.1029/2011JA017454)
6. Yizengaw, E., Zesta, E., Moldwin, M.B., Damtie, B., Mebrahtu, A., Valladares, C.E., Pfaff, R.F. **Longitudinal differences of ionospheric vertical density distribution and equatorial electrodynamicity** (2012) *Journal of Geophysical Research A: Space Physics*, 117 (7), art. no. A07312, Article
7. Yizengaw, Endawoke **Ground-based Instrumentations in Africa and its Scientific and Societal Benefits to the region** (2012) 39th COSPAR Scientific Assembly. Held 14-22 July 2012, in Mysore, India. Abstract C0.3-6-12, p.2216 (ADS)
8. Yizengaw, Endawoke, Valladares, Cesar, Moldwin, Mark, Pfaff, Robert, Zesta, Eftyhia, Damtie, Baylie, Mebrahtu, Alem **Longitudinal dependence of equatorial electrodynamicity and ionospheric vertical density distribution** (2012) 39th COSPAR Scientific Assembly. Held 14-22 July 2012, in Mysore, India. Abstract C2.2-19-12, p.2214 (ADS)
9. Yizengaw, Endawoke, Moldwin, Mark, Pfaff, Robert, Zesta, Eftyhia, Boudouridis, Athanasios, Damtie, Baylie, Mebrahtu, Alem, Biouele, Cesar, Anad, Fatma, Hartinger, Michael **ULF wave related equatorial electrojet fluctuations** (2012) 39th COSPAR Scientific Assembly. Held 14-22 July 2012, in Mysore, India. Abstract PCB.1-8-12, p.2217 (ADS)
10. Yizengaw, Endawoke, Moldwin, Mark, Coster, Anthea **Placing AMISR Instrument in the African sector: Why and How?** (2012) 39th COSPAR Scientific Assembly. Held 14-22 July 2012, in Mysore, India. Abstract C1.1-28-12, p.2215 (ADS)
11. Vilmer, Nicole, Amory, Christine **Capacity Building in Space Weather in the context of the ISWI program** (2012) 39th COSPAR Scientific Assembly. Held 14-22 July 2012, in Mysore, India. Abstract H0.1-2-12, p.2094 (ADS)
12. Takla, E.M., Yumoto, K., Ishitsuka, J., Rosales, D., Dutra, S., Uozumi, T., Abe, S. **Geomagnetic variations possibly associated with the Pisco earthquake on 15 August 2007, Peru** (2012) *Tectonophysics*, 524-525, pp. 29-36. Article
13. Shiokawa, K., Mori, M., Otsuka, Y., Oyama, S., Nozawa, S. **Motion of high-latitude nighttime medium-scale traveling ionospheric disturbances associated with auroral brightening** (2012) *Journal of Geophysical Research A: Space Physics*, 117 (10), art. no. A10316, Article
14. Shimeis, A., Fathy, I., Amory-Mazaudier, C., Fleury, R., Mahrous, A.M., Yumoto, K., Groves, K. **Signature of the coronal hole near the north crest equatorial anomaly over Egypt during the strong geomagnetic storm 5 April 2010** (2012) *Journal of Geophysical Research A: Space Physics*, 117 (7), art. no. A07309, Article
15. Otsuka, Y., Shiokawa, K., Ogawa, T. **Disappearance of equatorial plasma bubble after interaction with mid-latitude medium-scale traveling ionospheric disturbance** (2012) *Geophysical Research Letters*, 39 (14), art. no. L14105,
16. Okoh, D., McKinnell, L.-A., Cilliers, P., Okeke, P. **Using GPS-TEC data to calibrate VTEC computed with the IRI model over Nigeria** (2012) *Advances in Space Research*, Article in Press
17. Ouattara, F., Gnabahou, D.A., Amory Mazaudier, C. **Seasonal, diurnal, and solar-cycle variations of electron density at two West Africa equatorial ionization anomaly stations** (2012) *International Journal of Geophysics*, 2012, art. no. 640463, Cited 1 time. Article
18. Okoh, D., Eze, A., Adedoja, O., Okere, B., Okeke, P.N. **A comparison of IRI-TEC predictions with GPS-TEC measurements over Nsukka, Nigeria** (2012) *Space Weather*, 10 (10), art. no. S10002, Article
19. Nomura, R., Shiokawa, K., Sakaguchi, K., Otsuka, Y., Connors, M. **Polarization of Pc1/EMIC waves and related proton auroras observed at subauroral latitudes** (2012) *Journal of Geophysical Research A: Space Physics*, 117 (2), art. no. A02318, Cited 1 time. Article
20. Nigusie, M., Radicella, S.M., Damtie, B., Nava, B., Yizengaw, E., Ciralo, L. **TEC ingestion into**

- NeQuick 2 to model the East African equatorial ionosphere** (2012) Radio Science, Volume 47, Issue 5, CiteID RS5002 (ADS) doi: [10.1029/2012RS004981](https://doi.org/10.1029/2012RS004981)
21. Norman, Robert J., Dyson, Peter L., Yizengaw, Endawoke, Le Marshall, John, Wang, Chuan-Sheng, Carter, Brett A., Wen, Debao, Zhang, Kefei **Radio Occultation Measurements From the Australian Microsatellite FedSat** (2012) IEEE Transactions on Geoscience and Remote Sensing, vol. 50, issue 11, pp. 4832-4839 (ADS) doi: [10.1109/TGRS.2012.2194295](https://doi.org/10.1109/TGRS.2012.2194295)
 22. Ngwira, Chigomezoyo M., McKinnell, Lee-Anne, Cilliers, Pierre J., Yizengaw, Endawoke **An investigation of ionospheric disturbances over South Africa during the magnetic storm on 15 May 2005** (2012) Advances in Space Research, Volume 49, Issue 2, p. 327-335. (ADS) doi: [10.1016/j.asr.2011.09.035](https://doi.org/10.1016/j.asr.2011.09.035)
 23. Munakata, Kazuoki **Probing the heliosphere with the directional anisotropy of galactic cosmic-ray intensity** (2012) Comparative Magnetic Minima: Characterizing quiet times in the Sun and Stars, Proceedings of the International Astronomical Union, IAU Symposium, Volume 286, p. 185-194 (ADS) doi: [10.1017/S1743921312004826](https://doi.org/10.1017/S1743921312004826)
 24. Karapetyan, G.G. **Theoretical investigation of thunderstorm induced enhancements of cosmic ray fluxes** (2012) Astroparticle Physics, 38 (1), pp. 46-52. Article
 25. Koustov, A.V., Hosokawa, K., Nishitani, N., Shiokawa, K., Liu, H. **Signatures of moving polar cap arcs in the F-region PolarDARN echoes** (2012) Annales Geophysicae, 30 (3), pp. 441-455. Article
 26. Hamidi, Z.S., Abidin, Z.Z., Ibrahim, Z.A., Shariff, N.N.M. **Indication of radio frequency interference (RFI) sources for solar burst monitoring in Malaysia** (2012) INTERNATIONAL CONFERENCE ON PHYSICS AND ITS APPLICATIONS: (ICPAP 2011). AIP Conference Proceedings, Volume 1454, pp. 43-46 (2012). (ADS) doi: [10.1063/1.4730684](https://doi.org/10.1063/1.4730684)
 27. Fukushima, D., Shiokawa, K., Otsuka, Y., Ogawa, T. **Observation of equatorial nighttime medium-scale traveling ionospheric disturbances in 630-nm airglow images over 7 years** (2012) Journal of Geophysical Research A: Space Physics, 117 (10), art. no. A10324, Article
 28. Dahlgren, H., Semeter, J.L., Hosokawa, K., Nicolls, M.J., Butler, T.W., Johnsen, M.G., Shiokawa, K., Heinselman, C. **Direct three-dimensional imaging of polar ionospheric structures with the Resolute Bay Incoherent Scatter Radar** (2012) Geophysical Research Letters, 39 (5), art. no. L05104, Cited 1 time. Article
 29. Dahlgren, H., Perry, G.W., Semeter, J.L., St.-Maurice, J.-P., Hosokawa, K., Nicolls, M.J., Greffen, M., Shiokawa, K., Heinselman, C. **Space-time variability of polar cap patches: Direct evidence for internal plasma structuring** (2012) Journal of Geophysical Research A: Space Physics, 117 (9), art. no. A09312, Article
 30. Chapagain, Narayan P., Makela, Jonathan J., Meriwether, John W., Fisher, Daniel J., Buriti, Ricardo A., Medeiros, Amauri F. **Comparison of nighttime zonal neutral winds and equatorial plasma bubble drift velocities over Brazil** (2012) Journal of Geophysical Research, Volume 117, Issue A6, CiteID A06309 (ADS) doi: [10.1029/2012JA017620](https://doi.org/10.1029/2012JA017620)
 31. Chilingarian, A., Mkrtchyan, H. **Role of the Lower Positive Charge Region (LPCR) in initiation of the Thunderstorm Ground Enhancements (TGEs)** (2012) Physical Review D - Particles, Fields, Gravitation and Cosmology, 86 (7), art. no. 072003, Cited 1 time. Article
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 33. Cohen, M.B., Marshall, R.A. **ELF/VLF recordings during the 11 March 2011 Japanese Tohoku earthquake** (2012) Geophysical Research Letters, vol. 39, issue 11, p. L11804 (2012) (ADS) doi: [10.1029/2012GL052123](https://doi.org/10.1029/2012GL052123)
 34. Chilingarian, A., Bostanjyan, N., Vanyan, L. **Neutron bursts associated with thunderstorms** (2012) Physical Review D - Particles, Fields, Gravitation and Cosmology, 85 (8), art. no. 085017, Cited 1 time. Article
 35. Chilingarian, A., Bostanjyan, N., Karapetyan, T., Vanyan, L. **Remarks on recent results on neutron production during thunderstorms** (2012) Physical Review D - Particles, Fields, Gravitation and Cosmology, 86 (9), art. no. 093017, Article
 36. Chilingarian, Ashot **Status of Space Environmental Viewing and Analysis Network (SEVAN)** (2012) 39th COSPAR Scientific Assembly. Held 14-22 July 2012, in Mysore, India. Abstract F4.7-4-12, p.333 (ADS)
 37. Burke, W.J., Gentile, L.C., Shomo, S.R., Roddy, P.A., Pfaff, R.F. **Images of bottomside irregularities observed at topside altitudes** (2012) Journal of Geophysical Research A: Space Physics, 117 (3), art. no. A03332, Article
 38. Bolaji, O.S., Rabiou, A.B., Oyeyemi, E.O., Yumoto, K. **Climatology of the inter-hemispheric field-aligned currents system over the Nigeria ionosphere** (2012) Journal of Atmospheric and Solar-Terrestrial Physics, 89, pp. 144-153. Article in Press
 39. Akala, Andrew, Yizengaw, Endawoke, Somoye, Emmanuel, Seemala, Gopi **The Response of African Equatorial GPS-TEC to Major Geomagnetic Storms during the Ascending Phase (2011) of Solar Cycle 24** (2012) 39th COSPAR Scientific Assembly. Held 14-22 July 2012, in Mysore, India. Abstract E2.2-4-12, p.31 (ADS)

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40. Zhang, X.-F., Du, R.-Y., Gu, S.-M., Wu, T., Wang, Y.-N. **Anomalous Variation of VLF Signals in the**

- Total Solar Eclipse of 22nd July 2009** (2011) Chinese Astronomy and Astrophysics, 35 (1), pp. 54-61. Cited 1 time. Article
41. *Yumoto, K.* **Update on MAGDAS activities around the globe during ISWI** (2011) 2011 IEEE International Conference on Space Science and Communication: "Towards Exploring the Equatorial Phenomena", IconSpace 2011 - Proceedings, art. no. 6015894, pp. 254-257. Conference Paper
 42. *Yumoto, K.* **Capacity Building of MAGDAS** (2011) Sun and Geosphere, vol.6, no.2, p.81-83. (ADS)
 43. *Yizengaw, E., Zesta, E., Moldwin, M., Damtie, B., Mebrahtu, A., Anad, F., Pfaff, R.F.* **Observations of ULF wave related equatorial electrojet and density fluctuations** (2011) American Geophysical Union, Fall Meeting 2011, abstract #SA13C-06 (ADS)
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 45. *Yumoto, K., Hayakawa, H., Obara, T., Watari, S., Stpp Sub-Committee Of Japan* **Update on Japan's Contribution to the ISW** (2011) Sun and Geosphere, vol.6, no.2, p.73-80. (ADS)
 46. *Uozumi, T., Yumoto, K., Tokunaga, T., Solovvey, S.I., Shevtsov, B.M., Marshall, R., Liou, K., Ohtani, S., Abe, S., Ikeda, A., Kitamura, K., Yoshikawa, A., Kawano, H., Itonaga, M.* **AKR modulation and global Pi2 oscillation** (2011) Journal of Geophysical Research A: Space Physics, 116 (6), art. no. A06214, Cited 1 time. Article
 47. *Terrazas-Ramos, R.* **A solar station in Ica - Mutsumi Ishitsuka: A research center to improve education at the university and schools** (2011) Proceedings of the International Astronomical Union, 7 (S286), pp. 454-456. Conference Paper
 48. *Takahashi, H., Onohara, A., Shiokawa, K., Vargas, F., Gobbi, D.* **Atmospheric wave induced O 2 and OH airglow intensity variations: Effect of vertical wavelength and damping** (2011) Annales Geophysicae, 29 (4), pp. 631-637. Cited 2 times. Article
 49. *Samanes, J., Raulin, J.-P.* **Characteristics of nighttime West-to-East VLF waves propagation using the South America VLF Network (SAVNET)** (2011) SBMO/IEEE MTT-S International Microwave and Optoelectronics Conference Proceedings, art. no. 6169250, pp. 598-600. Conference Paper
 50. *Sibanda, P., Moldwin, M., Zou, S., Yizengaw, E.K.* **COSMIC TEC tomographic vertical density reconstructions of the topside ionosphere and plasmasphere: Differences between the American and African sectors** (2011) American Geophysical Union, Fall Meeting 2011, abstract #SA32A-04 (ADS)
 51. *Slosiar, R., Hudec, R., Kocka, M., Marko, R., Zatko, M.* **Indirect detections and analyses of GRBs by ionospheric response: Toward a SID-monitor network** (2011) AIP Conference Proceedings, 1358, pp. 393-396. Conference Paper
 52. *Rockenbach, M., Dal Lago, A., Gonzalez, W.D., Munakata, K., Kato, C., Kuwabara, T., Bieber, J., Schuch, N.J., Duldig, M.L., Humble, J.E., Al Jassar, H.K., Sharma, M.M., Sabbah, I.* **Geomagnetic storm's precursors observed from 2001 to 2007 with the Global Muon Detector Network (GMDN)** (2011) Geophysical Research Letters, 38 (16), art. no. L16108, Article doi: [10.1029/2011GL048556](https://doi.org/10.1029/2011GL048556)
 53. *Rabiu, A.B., Yumoto, K., Falayi, E.O., Bello, O.R., Magdas/Cpmn Group* **Ionosphere over Africa: Results from Geomagnetic Field Measurements During International Heliophysical Year IHY** (2011) Sun and Geosphere, vol.6, no.2, p.63-66 (ADS)
 54. *Price, C., Yair, Y., Mugnai, A., Lagouvardos, K., Llasat, M.C., Michaelides, S., Dayan, U., Dietrich, S., Galanti, E., Garrote, L., Harats, N., Katsanos, D., Kohn, M., Kotroni, V., Llasat-Botija, M., Lynn, B., Mediero, L., Morin, E., Nicolaidis, K., Rozalis, S., Savvidou, K., Ziv, B.* **The FLASH Project: Using lightning data to better understand and predict flash floods** (2011) Environmental Science and Policy, 14 (7), pp. 898-911. Cited 2 times. Article
 55. *Nakano, Yoshitake* **Performance of the SciCR as a component muon detector of the Global Muon Detector Network (GMDN)** (2011) Proceedings of the 32nd International Cosmic Ray Conference (ICRC2011), held 11-18 August, 2011 in Beijing, China. Vol. 11 SH3-SH4: Solar and Heliospheric Phenomena, p.260 (ADS)
 56. *Munakata, K.* **Probing the heliosphere with the directional anisotropy of galactic cosmic-ray intensity** (2011) Proceedings of the International Astronomical Union, 7 (S286), pp. 185-194. Conference Paper
 57. *Maeda, G., Yumoto, K., Rabiu, A., Ikeda, A., Abe, S., Magdas Group* **Results of MAGDAS activities at "UN/Nigeria Workshop on ISWI" (Abuja) and of "MAGDAS School" (Lagos)** (2011) American Geophysical Union, Fall Meeting 2011, abstract #ED11A-0750 (ADS)
 58. *Mavromichalaki, H., Papaioannou, A., Plainaki, C., Sarlanis, C., Souvatzoglou, G., Gerontidou, M., Papailiou, M., Eroshenko, E., Belov, A., Yanke, V., Flückiger, E.O., Bütikofer, R., Parisi, M., Storini, M., Klein, K.-L., Fuller, N., Steigies, C.T., Rother, O.M., Heber, B., Wimmer-Schweingruber, R.F., Kudela, K., Strharsky, I., Langer, R., Usoskin, I., Ibragimov, A., Chilingaryan, A., Hovsepyan, G., Reymers, A., Yeghikyan, A., Kryakunova, O., Dryn, E., Nikolayevskiy, N., Dorman, L., Pustil'Nik, L.* **Applications and usage of the real-time Neutron Monitor Database** (2011) Advances in Space Research, Volume 47, Issue 12, p. 2210-2222. (ADS) doi: [10.1016/j.asr.2010.02.019](https://doi.org/10.1016/j.asr.2010.02.019)
 59. *Meriwether, J.W., Makela, J.J., Huang, Y., Fisher, D.J., Buriti, R.A., Medeiros, A.F., Takahashi, H.* **Climatology of the nighttime equatorial thermospheric winds and temperatures over Brazil near solar minimum** (2011) Journal of Geophysical Research, Volume 116, Issue A4, CiteID A04322

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 62. Jansen, Frank, Behrens, Jörg **Cosmic Rays for Heliospheric Space Weather Storm Prediction** (2011) Cosmic Rays for Particle and Astroparticle Physics. Edited by S Giani (CERN, Switzerland), C Leroy (University of Montreal, Canada), & P G Rancoita (INFN Milano-Bicocca, Italy) . Published by World Scientific Publishing Co. Pte. Ltd., 2011. ISBN #9789814329033, pp. 378-387 (ADS) doi: [10.1142/9789814329033_0048](https://doi.org/10.1142/9789814329033_0048)
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