

Publication in Peer Reviewed Journal

- (1) Pawan Govil, Abhijit Mazumdar, Anoop Tiwari, Sandeep Kumar (2011), Holocene Climate Variability from Lake Sediment Core in Larsemann Hills, Antarctica, Journal of the Geological society of India, Vol 78 (1-3), pp 30-35.
- (2) Chaubey, J.P., Moorthy, K.K., Babu, S.S., Nair, V.S., Tiwari, A. (2010). Black Carbon aerosols over coastal Antarctica and its scavenging by snow during the Southern Hemispheric summer. Journal of Geophysical Research, Vol 115, D10210, pp 1-7.
- (3) Tiwari A.K., Nayak G.N., Pandey P.C. (2009). Waste water fate at Maitri in Antarctica. Journal of the Institution of Engineers India (Environmental Engineering), Vol. 90, pp.49 –54.
- (4) Tiwari, A.K. (2008). Environmental awareness in Indian Antarctic Scientific Programme. Journal of the Institution of Engineers India (Environmental Engineering), Vol. 88, pp.21 – 24.
- (5) Tiwari A.K., Nayak G.N. (2007). Water abundance and effect of glacier melting at Priyadarshini lake in Antarctica. Journal of the Institution of Engineers India (Environmental Engineering), Vol. 88, no. EN1, pp. 27-32.
- (6) Tiwari A.K., Kulkarni S., Ramteke D.S., Nayak G.N. (2006). Environment quality at Maitri station in Antarctica. Journal of Environmental Science & Engineering, Vol 48, No.3, pp.191 – 198.
- (7) Singh S. M.,Tiwari A.K. (2004). Deep lake sampling in Antarctica using Helicopters. Current Science, Vol. 87, No.4, pp 420.
- (8) Tiwari A., Gowda C.,Raman N.S. (2000). Use of water quality modeling to assess the impact of wastewater discharge to river from a gas based fertilizer industry. Environment Pollution, pp 11-16.
- (9) Tiwari A.K., Jain R.K. (1998). Environmental Impact Assessment of Cement Industry ACC Kymore. Indian Journal of Environmental Health, Vol 40, No 2, pp 132-141.
- (10) Tiwari A., Kumar P. (1998). Air quality assessment of cement industry. Journal of the Institution of Engineers India (Environmental Engineering), Vol. 70, pp 18-20.

Technical Report

Tiwari A.K. (2010). Environmental Monitoring and Enhancement of EIA Laboratory at Polar Research Station "Maitri" in Antarctica. Technical Publication No 21 – XXII Indian Expedition to Antarctica, NCAOR-MoES, pp 191-212. ISBN 978-81-906528-4-3.

Tiwari A.K., Kulkarni S. (2005). Environmental status at Indian polar research station Maitri – a comprehensive study, Technical Publication No 17 – XIX Indian Expedition to Antarctica, DOD, pp 189-221.

Article

Ravindra R., Tiwari A. (2011). India's Interests in the Arctic and Antarctica. (In) Singh H. (ed), South Asia Defence and Strategic Year Book, Pentagon's. New Delhi, pp 95-101.

Tiwari A.K., Singh S.M., Pandey P.C. (2006). Invasive alien species: threat to Antarctic biodiversity and control mechanism. (In) Rai L.c, Gaur J.P. (eds), Invasive Alien species and Biodiversity in India, Gautam Printers, Varanasi, India, pp 160-168.

Singh S.M., Tiwari A.K., Pandey P.C. (2004). Dakshini mahasagar me vigyan ki pahal. Samudrika, Khand 11, pp 40-44.

Tiwari A.K., Pandey P.C., Khare N.K. (2005). Environmental Risk Assessment and Environmental Code of Conduct for Antarctic Protected Areas. (In) Rajan S., Pandey P.C. (eds), Antarctic Geoscience, Ocean – Atmosphere Interaction and Paleoclimatology, pp 101-111.

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Singh S.M., Tiwari A.K., Pandey P.C. (2005). Biodiversity : Past Present and Future. (In) Banmeru P.K., Banmeru S.K., Mishra V.R. (eds), Biodiversity of Lonar Crater, Anamaya Publisher, New Delhi, pp 1-16, ISBN: 8188342564

Pandey P.C., Khare N. and Tiwari A.K. (2005). State of the Antarctic environment, (In) Chaturvedi S., Khare N., Pandey P.C. (eds), India in the Antarctic-Scientific and Geopolitical Perspective, South Asian Publishers, New Delhi, pp. 65-76. ISBN: 8170032873.

Singh S.M., Pandey, P.C., Tiwari A. K. (2003). Shanti Ewam Vigyan Ka MahaDweep Antartica. NCERT, Dehradun, pp 80-89.

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Tiwari A.K., Ravindra R., Rajan S., Khare N., Saxena A. (2007). Draft Comprehensive Environmental Evaluation of New Indian Research Base at Larsemann Hills, Antarctica. 30th Antarctica Treaty Consultative Meeting (ATCM) , New Delhi.

Ravindra R., Tiwari A.K., Achuthankutty C.T., Rai K.N. (2011). Final Comprehensive Environmental Evaluation of New Indian Research Station at Larsemann Hills, East Antarctica. 34th Antarctica Treaty Consultative Meeting (ATCM), Argentina.

Abstract/Poster

IPY Conference, Montreal, Canada (2012)

Aerosols in the Arctic atmosphere during summer season: effect of atmospheric boundary layer, long range transport and local emissions (Jai Prakash Choubey, S Suresh Babu, K Krishna Moorthy, Anoop Tiwari, Kostas Eleftheriadis, Peter Turnved, Marion Maturilli, Vito Vitale, Manoj M R and Mukunda M Gogoi)

International Conference on Science & Geopolitics of Arctic & Antarctic, New Delhi (2012)

Atmospheric Aerosol Studies Over Arctic, Initiatives for Long-term data and Preliminary Results (S.Suresh Babu, Manoj M.R., Mukunda M. Gogoi, Anoop Tiwari, K. Krishna Moorthy)

National Space Science Symposium (NSSS), Tirupati (2012)

Summertime Black Carbon Aerosols in the Arctic Boundary Layer (Jai Prakash Choubey, K. Krishna Moorthy, S. Suresh Babu, Manoj M.R., Mukunda M. Gogoi, Anoop Tiwari & S. Rajan)

COMNAP, Portland, USA (2012)

Energy Conservation at India's New Research Station "Bharati" (Anoop Tiwari, R. Ravindra, Javed Beg)

International Conference on Physics Science and Technology, Bangalore (2011)

Optical and Physical Properties of Atmospheric Aerosol Over Arctic During Summer 2011 (S.Suresh Babu, Manoj M.R., Mukunda M. Gogoi, Anoop Tiwari, K. Krishna Moorthy)

Scientific Committee on Antarctica Research, Argentina (2010)

Aerosol Size Variation and Trace Gas Measurement in coastal Antarctica and Two Indian Stations (R. cutting, A.K. Tiwari. R. Ravindra)

Assessment of Dissolved Mercury in Lakes of Schirmacher Oasis and Larsemann Hills (N.Singh, A.K. Tiwari, R. Ravindra)

COMNAP, Stockholm, Sweden (2010)

Wind Energy Prospects at Indian Research Station Maitri (Anoop Tiwari, R. Ravindra)