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Research Interest: Optics and Computational Physic

**Publications**

1. Ssenyonga T, Stamnes JJ, Dahlback A, Steigen A, Okullo W, Frette Ø. Analysis of Ozone (O<sub>3</sub>) and Erythemal UV (EUV) measured by TOMS in the equatorial African belt. *S Afr J Sci.* 2010;106(1/2), Art. #12, 7 pages. DOI:10.4102/sajs. v106i1/2.12
2. W. Okullo, B. Hamre, Frette, J. J. Stamnes, K. Sørensen, T. Ssenyonga, J. Høkedal, K. Stamnes, and A. Steigen, Validation of MERIS water quality products in Murchison Bay, Lake Victoria - Preliminary Results, *Int. J. Rem. Sens.*, accepted (2009).
3. W. Okullo, T. Ssenyonga, B. HamProfre, Ø. Frette, K. Sørensen, J.J. Stamnes, A. Steigen, and K. Stamnes, Parameterisation of the inherent optical properties of Murchison Bay, Lake Victoria, *Appl. Opt.* 46, 8553-8561 (2007).
4. Mubiru J., Banda E. J. K .B., D'Ujanga F., Senyonga T., 2006. Assessing the performance of global solar radiation empirical formulations in Kampala, Uganda. *Journal of Theoretical & Applied Climatology*, Springer Wien Publisher 2006.
5. Mubiru J., Banda E. J. K .B., D'Ujanga F., Senyonga T. Assessing the Distribution of Monthly Mean Hourly Solar Irradiation at an African Equatorial site. *Journal of Energy Conversion and Management*, Elsevier Publisher 2006.