


| | |
|---|--|
|  | <p>Dr Gary Corlett Research Fellow University of Leicester Department of Physics and Astronomy University Road, Leicester, LE1 7RH, United Kingdom Tel: +44 (0) 116 229 7712 Email: gkc1@le.ac.uk Website: http://www2.le.ac.uk/departments/physics/research/earth-observation-science/gary-corlett</p> |
| <p>Background</p> | <p>Gary received his PhD in Chemical Physics from the University of Leicester in 1997. Since then he has worked as a researcher at the universities of Exeter and Leicester and has experience in a number of areas including laboratory and field measurements, instrument design and build, software development and most recently exploitation of EO data. His main interests at the moment are related to quality control and calibration/validation of satellite surface temperature datasets.</p> |
| <p>Activities in education</p> | <p>Gary has been an active member of a university department since 1997, and although he is primarily a researcher, he has been involved in many teaching activities at both undergraduate and postgraduate level, including lectures, seminars and tutorials. Topics covered range from 1st year undergraduate introductory physics to postgraduate courses in algorithm development. Gary is one of the developers of the Leicester ATSR Global Analyser software that will be used as part of this course.</p> |
| <p>Distinctions / Memberships</p> | <p>2013 - : CEOS Working Group on Calibration and Validation (WGCV) 2012 - : GODAE Ocean View Science Team 2012 - : GHRSSST Project Coordinator 2008 - : CEOS WGCV IVOS (Theme leader on surface temperature) 2008 - : Chair GHRSSST ST-VAL Technical Advisory Group 2003 - : ATSR Science Advisory Group 2003 - : ATSR Quality Working Group 2003 - : AATSR Validation Scientist</p> |
| <p>Selected Publications</p> | <ul style="list-style-type: none"> • Veal, K.L., G.K. Corlett, D. Ghent, D.T. Llewellyn-Jones and J.J. Remedios, 2103. A time series of mean global-skin SST anomaly using data from ATSR-2 and AATSR, Remote Sensing of Environment (2013), pp. 64-76 DOI information: 10.1016/j.rse.2013.03.028 • Merchant, C. J., O. Embury, N. A. Rayner, D. I. Berry, G. K. Corlett, K. Lean, K. L. Veal, E. C. Kent, D. T. Llewellyn-Jones, J. J. Remedios, and R. Saunders, 2012. A twenty-year independent record of sea surface temperature for climate from Along Track Scanning Radiometers, J. Geophys. Res., 117, C12013, doi:10.1029/2012JC008400. • Minnett, P.J., and G.K. Corlett, 2012. A pathway to generating Climate Data Records of sea-surface temperature from satellite measurements, Deep-Sea Research II, 77–80, 44–51. http://dx.doi.org/10.1016/j.dsr2.2012.04.003. • Kogler, C., S. Pinnock, O. Arino, S. Casadio, G. Corlett and F. Prata, 2012. Note on the quality of the (A)ATSR land surface temperature record from 1991to 2009, International Journal of Remote Sensing, 33:13, 4178-4192. |

| | |
|--|--|
| | <ul style="list-style-type: none"><li data-bbox="500 176 1427 331">• Embury, O., C.J. Merchant and G.K. Corlett, 2012. A Reprocessing for Climate of Sea Surface Temperature from the Along-Track Scanning Radiometers: Preliminary validation, accounting for skin and diurnal variability effects, Remote Sensing of the Environment ATSR Special Issue, 116, 62–78.<li data-bbox="500 365 1427 464">• Reynolds, R.W., C. L. Gentemann and G. K. Corlett, 2010. Evaluation of AATSR and TMI Satellite SST Data, Journal of Climate, 23, 152-165.<li data-bbox="500 497 1427 665">• Schneider, P., S.J. Hook, R.G. Radocinski, G.K. Corlett, G.C. Hulley, G. C., S.G. Schladow and T.E. Steissberg, 2009. Satellite observations indicate rapid warming trend for lakes in California and Nevada. Geophysical Research Letters, 36, L22402, doi:10.1029/2009GL040846. |
|--|--|