

ISI Referred (All Public Sector):

International: (8)

- Blackburn G A and Ferwerda J G (2007). Retrieval of chlorophyll concentration from leaf reflectance spectra using wavelet analysis. *Remote Sensing of Environment*, 112, 1614-1632.
- Donoghue DNM., Watt PJ., Cox NJ., Wilson J. (2007). Remote sensing of species mixtures in conifer plantations using Lidar height and intensity data. *Remote Sensing of Environment*, 110, 509-522.
- Faulkner, H., Alexander, R. and Zukowskyj, P. (2007). Slope-channel coupling between pipes, gullies and tributary channels in the Mocatán catchment badlands, Southeast Spain. *Earth Surface Processes and Landforms*, 33, 1242-1260.
- Hedger, R.D., Malthus, T.J., Folkard, A.M. and Atkinson P.M. (2007) Spatial dynamics of estuarine water surface temperature from airborne remote sensing, *Estuarine, Coastal and Shelf Science*, 71, 608-615
- Hunter P D, Tyler A N, Presing P, Kovacs A W, Preston T (2007). Spectral discrimination of phytoplankton colour groups: the effect of suspended particulate matter and sensor spectral resolution. *Remote Sensing of Environment*, 112, 1527-1544.
- Miller P., Mills J., Edwards S., Bryan P., Marsh S., Hobbs P., Mitchell H. (2007) A Robust Surface Matching Technique for Integrated Monitoring of Coastal Geohazards, *Marine Geodesy*, 30, 109–123.
- Rowlands A. and Sarris A. (2007) Detection of exposed and subsurface archaeological remains using multi-sensor remote sensing, *Journal of Archaeological Science*, 34, 795-803.
- Stewart SF., Pinkerton H., Blackburn GA., and Gudmundsson MT (2007). Comparison and validation of Airborne Thematic Mapper thermal imagery using ground-based temperature data for Grimsvotn caldera, Vatnajokull, Iceland. *Geological Society, London Special Publications*, 283, 31-43.

Non –International (4)

- Aqduş, SA, Hanson, WS, Drummond, J (2007) Finding archaeological cropmarks: a hyperspectral approach *Remote Sensing For Environmental Monitoring, GIS Applications, and Geology VII* 6749, 74908-74908
- Lewis P. and Disney M. (2007). Spectral invariants and scattering across multiple scales from within-leaf to canopy. *Remote Sensing of Environment*, 109, 196-206.
- Rees W.G. (2007) Characterisation of Arctic treelines by LiDAR and multispectral imagery, *Polar Record* 43, 345-352
- Rees W.G. and Arnold N.S. (2007) Mass balance and dynamics of a valley glacier measured by high-resolution LiDAR, *Polar Record*, 43, 311-319

Non-ISI /conference proceedings (All Public Sector):

International (12)

- Allen G, May P, Brunner D, Vaughan G, Harris N and Zhu M (2007). Observations of a deep tropopause fold over Darwin during ACTIVE and SCOUT-3: Implications for the TTL and local meteorology. *Geophys. Res. Abstracts Vol 9* 07839, 2007.
- Allen G. and the ACTIVE Team (2007). Boundary layer aerosol and trace gas climatologies from ACTIVE. *Geophys. Res. Abstracts Vol 9*, 07145, 2007.
- Carlucci C., De Lucia Brolli MA., Keay S., Millett M. and Strutt K. (2007). An archaeological survey of the Faliscan settlement at Vignale, Falerii Veteres (province of Viterbo) Papers of the British School at Rome. Rome.
- Cifani G., Opitz R., and Stoddart S.K.F. (2007). LiDAR survey in southern Etruria, Italy: a significant new technique for the study of cultural landscapes. *The European Archaeologist*, 27:pp. 2-3.
- Cifani G., Opitz R., and Stoddart S.K.F. (2007). Mapping the Ager Faliscus road-system: The contribution of LiDAR (light detection and ranging) survey. *Journal of Roman Archaeology*, 20:pp. 165-176.
- Connolly P., May PT., Vaughan G., and Allen G. (2007). Influence of aerosols on deep convection. *Geophysical Research Abstracts*, Vol. 9, 09506, 2007; SRef-ID: 1607-7962/gra/EGU2007-A-09506
- Galiatsatos N., Donoghue D., Dong L., and Warburton J. (2007). Assessment of sediment delivery from shallow landslides in upland terrain using 3D remote sensing. *Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007)*, Newcastle upon Tyne; 11-14 September 2007.
- Leitao PJ., Milton EJ., Mockridge W., Osborne PE., Moreira F. (2007). Pre-processing issues affecting the use of CASI for steppe bird habitat monitoring and management in southern Portugal. *ARSF User Workshop*, University of Newcastle 11-14 September 2007.
- Mather, J., Bower, K., May, P., Jakob, C., Vaughan, G., Harris, N., Schiller, C., McFarquhar, G., and Mace, G. (2007). Poster Abstract of the Seventeenth Atmospheric Radiation Measurement (ARM) Science Team Meeting, ARM-CONF-2007, March 2007 Monterey, California. The TWP-ICE/ACTIVE/SCOUT Field Campaigns in Darwin, Australia.
- May, P., Vaughan, G., Allen, G., Choularton, T., and Connolly, P. (2007) Poster Abstract of the Seventeenth Atmospheric Radiation Measurement (ARM) Science Team Meeting, ARM-CONF-2007, March 2007 Monterey, California. Aerosol and Thermodynamic Controls on Tropical Cloud Systems During TWPICE and ACTIVE
- Parker G., Zukowskyj P., and Sofo A. (2007) Biomass estimates of semi-arid vegetation from airborne remote sensing in Sorbas, south-east Spain. *Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007)*, Newcastle upon Tyne; 11-14 September 2007.
- Stoddart, S. and Opitz, R. (2007). Problems and prospects for the use of Lidar in a Mediterranean environment: experience from the Agro Falisco. 1st Valle Giulia meeting. *Urban Landscape Survey in Italy*. 2-3 May 2007. Rome.

- Aqdas A., Drummond J., and Hanson W. (2007). A comparative study for finding archaeological crop marks using airborne hyperspectral, multispectral and digital photographic data. ARSF User Workshop, University of Newcastle 11-14 September 2007.
- Carbonneau P. (2007). Progress in fluvial remote sensing and the development of “riverscape” ecology. Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007), Newcastle upon Tyne; 11-14 September 2007.
- Donegan S., Jay V., and Pritchard M. (2007). ARSF data and services at the NEODC. ARSF User Workshop, University of Newcastle 11-14 September 2007.
- Dong L., Donoghue D., Lane S., and Warburton J. (2007). Evaluation of high-quality topographic data in an upland environment, North York Moors, UK. Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007), Newcastle upon Tyne; 11-14 September 2007.
- Gaulton R., and Malthus TJ. (2007). Monitoring continuous cover forests: describing spatial structural heterogeneity from high-resolution optical imagery. Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007), Newcastle upon Tyne; 11-14 September 2007.
- Jay V., Donegan S., and Pritchard M. (2007). Data and services at the NEODC. Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007), Newcastle upon Tyne; 11-14 September 2007.
- Lavender S. (2007). Atmospheric correction in coastal waters. Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007), Newcastle upon Tyne; 11-14 September 2007.
- MacArthur A. (2007). The role of the Field Spectroscopy Pool in support of ARSF. ARSF User Workshop, University of Newcastle 11-14 September 2007.
- Miller PE., Mills JP., Edwards S., Bryan P., Marsh S., and Hobbs P. (2007). Integrated remote sensing of coastal geohazards. Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007), Newcastle upon Tyne; 11-14 September 2007.
- Milton EJ., and Anderson E. (2007). The NCAVEO 2006 cal/val experiment. ARSF User Workshop, University of Newcastle 11-14 September 2007.
- Milton EM., Fox N., and Mackin S. (2007) NCAVEO: achievements of the last 3 years and plans for the future. Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007), Newcastle upon Tyne; 11-14 September 2007.
- Murray T., James TD., Barrand NE.(2007). Integrating lidar and photogrammetry for estimating sea-level rise contributions from changes in glacier geometry and extend in Svalbard. Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007), Newcastle upon Tyne; 11-14 September 2007.

- White D., Williams M., and Barr S. (2007). Characterising pipeline earthworks associated vegetation stress with field spectroradiometry. Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007), Newcastle upon Tyne; 11-14 September 2007.
- White, K., Black S., and Coleman M. (2007). Remote sensing the sources, specification, pathways and delivery of heavy metals in the Rio Tinto catchment, southwest Spain – preliminary results. ARSF User Workshop, University of Newcastle 11-14 September 2007.
- Wilson C and Alexander R. (2007). Extraction of digital elevation models, vegetation distribution and height from airborne lidar in the Tabernas Badlands, south-eastern Spain. ARSF User Workshop, University of Newcastle 11-14 September 2007.
- Woodget A. (2007). Estimation of growth rates at Kielder Forest using airborne laser scanning. Proceedings of the 2007 Annual Conference of the Remote Sensing & Photogrammetry Society (RSPSoc2007), Newcastle upon Tyne; 11-14 September 2007.
- Woodget A.S., Donoghue D.N.M., Carbonneau P. (2007): An assessment of Airborne LiDAR for Forest Growth Studies, Ekscentar, 10, 47-52