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Selected Publications (2008-2011)

Hay G. J., Hemachandran, B and Kyle C.D, 2010. HEAT (Home Energy Assessment Technologies): Residential Waste Heat Monitoring, Google Maps and Airborne Thermal Imagery. Alberta, Canada. GIM International. Issue 03, Vol 24, March, pp 13-15.

Hay G.J. and Blaschke, T. 2010. Forward: Special Issue on Geographic Object-Based Image Analysis (GEOBIA) *Photogrammetric Engineering and Remote Sensing*. Vol 76, No 2, February, pp. 121-122.

Steiniger, S., and G. J. Hay, 2009. Free and Open Source Geographic Information Tools for Landscape Ecology: A Review. *Ecological Informatics*. Volume 4, Issue 4, September. pp 183-195

Castilla, G., R. Guthrie and G.J. Hay. 2009 The Landcover Change Mapper (LCM) and its applications to timber harvest monitoring in Western Canada. Special Issue on Landcover Change Detection for *Photogrammetric Engineering & Remote Sensing*, Vol. 75, No 8. pp 941-950

Ben-Arie, J.R, G. J. Hay., R.P. Powers, G. Castilla, B. St-Onge, 2009. Development of a Pit Filling Algorithm for LiDAR Canopy Height Models. *Computers & Geosciences*. Volume 35, Issue 9. pp 1940-1949.

Castilla, G., K. Larkin, J. Linke and G.J. Hay, 2009. The impact of thematic resolution on the patch-mosaic model of natural landscapes. *Landscape Ecology* Vol 24: p 15-23