**Modeling Tree Canopy for Coastal Alaska**

**Landsat 5 False Color Composite**
(Bands 7,4,3)

The National Land Cover Database 2011 (NLCD2011) percent tree canopy cover (TCC 2011) layer was created as a single unit using 46 Landsat WRS-2 path/rows. Reference data was collected at over 2,000 locations. Predictor layers included Landsat 5 imagery and spectral derivatives. Modeling was carried out using the random decision forests algorithm.

**2011 Tree Canopy Cover**

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