

Modern Trends in Development of Satellite Imagery Interpretation

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Development of forest inventory interpretation modern procedures shapes scientific background to get reliable information on forest stands. Previous study results proved an opportunity to interpret high and medium resolution satellite imagery forest valuation characteristics however considerable part of experimental work in this area is based on regional studies that does not enable universal methodology development. Solution to these issues is addressed in this paper that covers 3 year studies under the government Rosleshoz target “Development of forest taxation and inventory modern procedures based on Earth remote sensing (ERS) data analysis”. The study findings showed an opportunity to address forest inventory interpretation target with multidimensional regression analysis procedures and computer-assisted learning as its application enabled identification of sample plot stand taxation indicators and its spectral reflectory characteristics interactions.