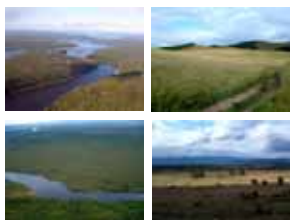
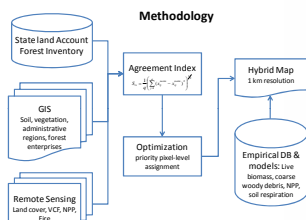




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The hybrid land cover dataset of Russia presumably contains the most accurate land cover information, updated for 2009. Details and certainty of the dataset satisfy the requirements of a verified terrestrial ecosystems full greenhouse gas account. Such requirements necessitate a detailed quantification of land classes (e.g., for forests – dominant species, age, growing stock, net primary production etc.) with additional information on uncertainties of the major biometric and ecological parameters. The major idea of the approach was the systematic integration of all relevant information to explore synergies, in particular, the merging and harmonization of land and forest inventories, ecological monitoring, remote sensing data and in-situ information. The hybrid land cover dataset is considered as a platform for an integrated observing system for the country.

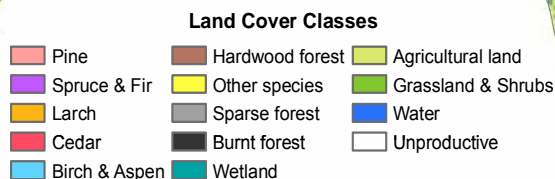


Representative Landscapes of Central Eurasia

Land Cover Class	Area (10 ³ ha)
Forest	820,933
Sparse forest	85,097
Damaged forest	23,659
Arable land	77,779
Abandoned arable land	29,898
Hayfield	24,004
Pasture	68,049
Fallow	4,998
Wetland	144,644
Grassland & Shrubs	303,757
Water	72,137
Unproductive land	54,872
Total Russia	1,709,824

D. Schepaschenko, I. McCallum, A. Shvidenko, S. Fritz, F. Kraxner and M. Obersteiner. 2011. A new hybrid land cover dataset for Russia: a methodology for integrating statistics, remote sensing and in situ information. Journal of Land Use Science.

Hybrid 1 km Land Cover of Russia - 2009



Carbon Pools and Fluxes

Subset of Available Products

