

Service Case 2003

The Service Area is located in the Nässjö District in the southern parts of Sweden. Three different service components are available.

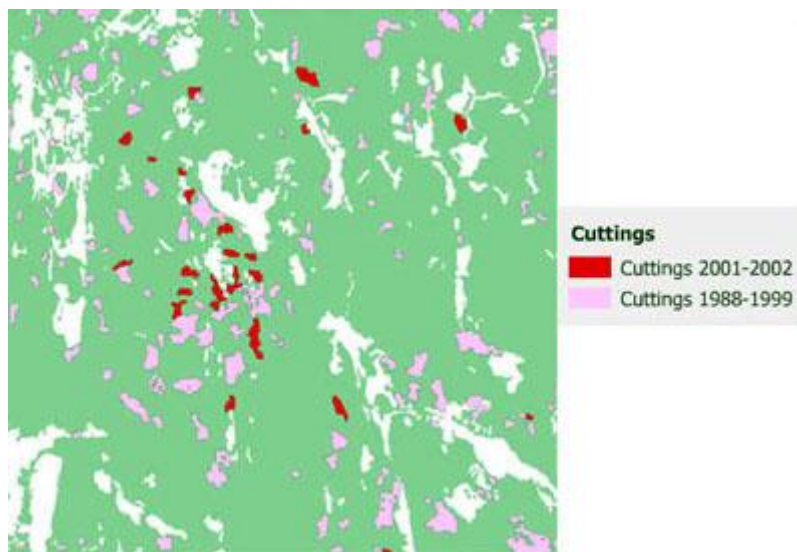


Location of the Service Area



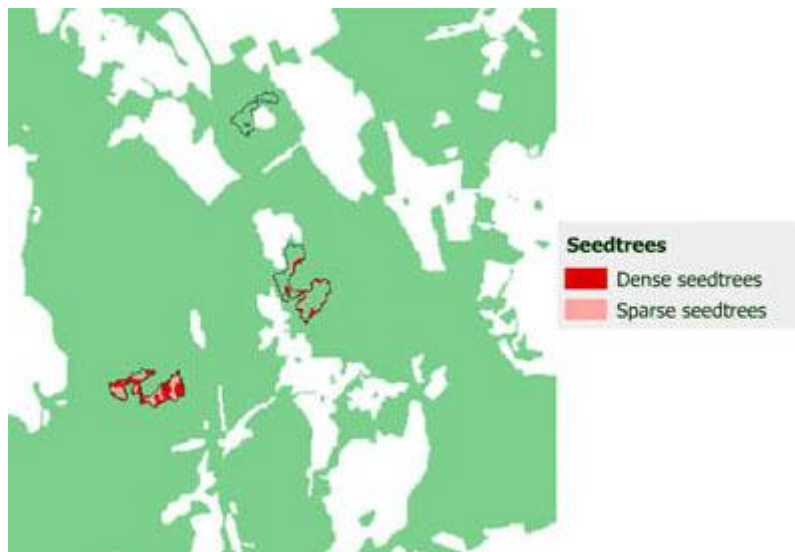
Location of the Service Area

Historical and new Clear Cut Mapping



Historical Clear Cut Mapping from 1988 to 1999, together with New Clear Cuttings 2001-2002 (background green colour: Forest Area).

Seed Tree Mapping



Seed Tree Mapping on cuttings 2001-2002 (background green colour: Forest Area).

Regeneration Failures Map



Regeneration Failures on cuttings from 1994-1996 (background green colour: Forest Area).

New Russian Core User

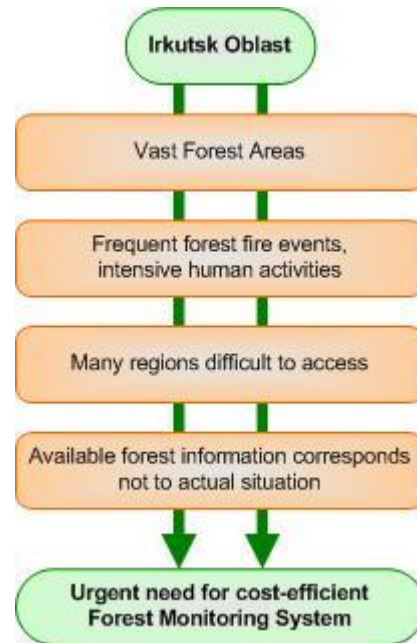
In 2004 GSE-FM welcomes a new core user in Russia for this Service. Russia with its enormous forest areas represents a dedicated user for GSE-FM Services. Facts:

- Russian forests possesses largest forestry resources of the world (~22%, FAO, 2001)
- Russian plays a key role in forestry related environmental, social and economic issues
- Russian forest policy - ultimate goal: Establishment of sustainable forest management practices under special consideration of economic and social aspects
- Forest administration and management is delegated to: administrative oblasts and forest management enterprises (lezkhoz)



Location of Service Area in Russia 2004 (up)

Core User Needs (right)



Service Level 1
Entire Irkutsk: 775.000 km²



Groundview in Russia

Service Level 2:

- Study area 1: Ilimskuy leskhoz, area: 8.961 km²; intensive human activities and frequent forest fires events
- Study area 2: Goloustenskiy leskhoz, area: 2.211 km²; forest reserve region, illegal cutting, large forest fires in spring/summer 2003



Service Area in Russia 2004, region of Irkutsk

Core User:

Forest Service of Irkutks General Survey of Natural Resources (FS of GSNR) of Russian Ministry of Natural Resources (MNR) - Russian Federation

Service Provider:

Remote Sensing Center of Institute of Solar Physics SB RAS (RSC ISTP SB RAS)

Key parameter to be assessed:

Land use, area of forest and non-forest, forest types, burned areas clear cuttings, forestry roads, ARD areas and all land use / forest changes