

Forest research priorities in Russia



NATALIA V. LUKINA
CENTRE FOR FOREST ECOLOGY AND
PRODUCTIVITY RAS

CHALLENGE



Ecological and socio-economical risks of the Russian forest degradation under global changes and ways to prevent them.

The researches should be aimed at:

1- assessment of the scales of ecological and socio-economical consequences of forest degradation;

2- development the ways of preventing the negative processes in forests.

Priority areas



- ❑ **Reliable assessment of resource potential and ecological state of forests, forest biodiversity and ecosystem functions\services.**
- ❑ **Development relevant models for short -, middle-and long-term forecasts of forest dynamics**
- ❑ **Developing and application of relevant methods and technologies for:**
 - **forest protection against pest outbreaks and unfavorable environmental factors;**
 - **prophylaxis and fire control;**
 - **intensive forestry: forest use and growing;**
 - **forest reproduction and restoration, including reproduction of forest genetic resources of Russia;**

Priority areas



- ❑ **Adaptation to climate change; forestry and mitigation of climate change.**
- ❑ **Forest state and human health**
- ❑ **Forest Economics under the private forest use**
- ❑ **Improving the Forest Low**
- ❑ **Forest educational level increasing**