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**MAIN TRENDS AND CHALLENGES OF THE USE AND REPRODUCTION OF FORESTS ON THE FOREST LANDS OF VOLOGDA REGION**

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**Abstract.** The Vologda region is one of the well-forested regions of Russia. As for the root stock among the regions of the Northwest Federal District the region takes a back seat only to the Komi Republic and Arkhangelsk region. The existing forest resources in the region allowed forming of multidisciplinary and powerful timber complex based on the use of forest resources with all kinds of economic activities. ... (200–250 words)

**Keywords:** forest, forest resources, timber complex, forest management, reforestation, fire hazards, illegal felling, forest legislation, state forest protection center, voluntary forest certification, Forest Stewardship Council (FSC) system

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Научная статья /Обзорная статья/Краткое сообщение (**specify the article type**)

**Проблемы использования и воспроизводства лесов на землях лесного фонда вологодской области**

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**Аннотация.** Вологодская область является одним из многолесных регионов России. По корневому запасу среди регионов Северо-Западного федерального округа область уступает только Республике Коми и Архангельской области. Имеющийся лесосырьевой потенциал позволил сформировать в области многопрофильный и достаточно мощный лесной комплекс, включающий в себя все виды экономической деятельности и базирующийся на использовании лесных ресурсов. В России область занимает второе место по производству необработанной древесины и древесностружечных плит, третье – по производству клееной фанеры, четвертое – по выпуску пиломатериалов. (200–250 words)

**Ключевые слова:** лес, лесные ресурсы, лесной комплекс, лесопользование, лесовосстановление, пожароопасность, незаконная рубка древесины, лесное законодательств

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Introduction  
Research objects and methods  
Results and discussion  
Conclusion or Conclusions

**An example of figure design**

The annual allowable cut in 2013 in the Vologda region was set at 29,034.66 ths m<sup>3</sup> including coniferous species – 11,002.71 ths m<sup>3</sup> (37.9 %) and deciduous species – 18,031.95 ths m<sup>3</sup> (62.1 %).

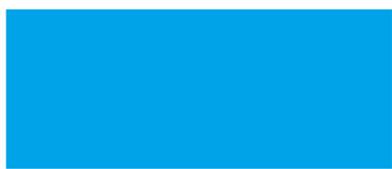


Fig. 1. ...

**An example of table design**

Table 1

**Description of the test objects**

Ser. No.	Composition, units	Height, m	Diameter, cm	Age, yrs	Density, pcs/ha	Stock volume, m <sup>3</sup> /ha	Cedar crown length, m or %

**An example of equation design**

CORRECTLY  $\rho_{conv} = \frac{1}{\frac{m_w}{m_0} - 0,346}$       INCORRECTLY  $\rho_{conv} = \frac{1}{\frac{m_w}{m_0} - 0,346}$ , where  $m_w$  – sample mass

**It is NOT ALLOWED to set any text inside equations**

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**If DOI is assigned to the reference, be sure to indicate it!**

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