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ASSESSMENT OF DIRECT PYROGENIC CARBON EMISSIONS IN FORESTS OF RUSSIA FOR 2020 ACCORDING TO REMOTE MONITORING DATA

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The article presents the results of an assessment of pyrogenic Carbon emissions in the forests of Russia for 2020, carried out using remote monitoring methods. The area of forest damage from fires was 6.5 million hectares, and the amount of Carbon emissions was 36.5 MtC. Although the area of damages in the country as a whole is higher than the average annual values, the scale of pyrogenic carbon emissions is lower than the average annual values and in absolute terms corresponds to 2016. There has been an increase in fire Carbon emissions since 2012. A preliminary analysis of the entire observation period for fires suggests that 2021 may be the next year after 2003 and 2012 an abnormal year in terms of forest fire and the amount of direct fire Carbon emissions into the atmosphere.

□ **Key words:** *forest fires, pyrogenic emissions, carbon, remote sensing monitoring, forest fuels*

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