

$$M(\text{NO})=(55,6 - 9,28) \cdot 10^4 \cdot 0,0864=40,02 \text{ ton}$$

2. We will determine the extent of damage and losses by the general formula:

$Y = K_{\text{ИН}} \times \sum H_i \times M_i$ thousand roubles, where:

$i=1$ to n

Y – the extent of damage and losses, rub;

$K_{\text{ИН}}$ - the indexation rate is determined on the basis of the inflation rate, established by the Government of the Russian Federation in relation to the year preceding the year of the assessment;

H_i – the rate for the calculation of damages and losses from the air pollution with the i -th pollutant, rub/ ton;

M_i – the mass of the i -th pollutant, ton;

i – the name of the pollutant;

n – the amount of pollutants, contained in the pollutant emission into the atmosphere;

3_0 - the costs of the damage assessment are determined at actual costs, including the costs of laboratory analyses, rub [6].

$$H(\text{SO}_2)=176 \text{ rub/ton}$$

$$H(\text{NO})=94 \text{ rub/ton}$$

$K_{\text{ИН}}$ of 2012 г. equals 1,67

3_0 equals the cost of instrumental measurements to establish a company's violation of the emission allowance – 4000 roubles.

Consequently:

$$Y(\text{SO}_2)=1,67 \cdot 176 \cdot 127,068=37347,83 \text{ thousand roubles}$$

$$Y(\text{NO})=1,67 \cdot 94 \cdot 40,02=6282,34 \text{ thousand roubles}$$

$$\text{In total: } Y(\text{SO}_2)+Y(\text{NO})+3_0=37347,83+6282,34+4 = 43638,17 \text{ thousand roubles}$$

5 CONCLUSIONS

Thus, for the transition to an effective ecologized land use in urban areas it is necessary to modernize land organization with modern ecological and economic methods by means of which it is possible and necessary to conserve, take into account and determine the possible damage within institutional and structural reforms.

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