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**Roshchina Julia Victorovna,**  
Ph.D. in Economics, associate professor,  
Department of the Account, Analysis and Audit,  
V.I. Vernadsky Crimean Federal University,  
Simferopol.

### **INNOVATIVE ASPECTS OF TOOL OF ESTIMATION OF ANTHROPOGENIC INFLUENCE ON A HEALTH OF HABITANTS IN CRIMEA**

1990–2014

24.12.2013 . 15-09-1256).

In the modern terms of development of agriculture, his negative affecting nature the problem of steady development of agrarian sector of economy and agrarian nature management current, which are related to activity of man and his health.

Activation of production activity of man in the process of agrarian nature management and substantial its anthropogenic affecting environment and on a man cause ecological problems in the field of agrarian economy and negatively reflected on a health population. In this connection extraordinary actuality was purchased by the estimation of the state of health of man depending on the state of environment.

In the article discusses the anthropogenic impact on the ecosystem, state of earths of the agricultural setting, health of man and his influence on development of agrarian sphere of economy of country in the process of economic-productive activities in the agricultural environmental management.

The analysis of the domestic going is conducted near the estimation of the anthropogenic affecting , health of man and his influence on development of economy of country and essence of index (anthropogenic influence) which must reflect all of types of pollution OS is argued.

An analysis is conducted and influence of the anthropogenic affecting is certain the state of health of population of Republic Crimea after 1990–2014 years on the example of accumulation of harmful matters on the area of enterprises, intercommunication is set between the accumulation of harmful matters on enterprises and number of diseased by heavy diseases.

An author is offer the methodical going near the estimation of anthropogenic influence, the feature of which is not only the use of statistical indexes but also medical — demographically researches of health of population, that allows to define the size of harm, anthropogenic influence caused an increase, in a value term, will be assist to providing of renewal of natural resources and will allow considerably to decrease contamination of environment.

Research purpose — study of anthropogenic influence on a health of man and environment, determination of intercommunication between the accumulation of harmful matters on enterprises and number of diseased by heavy diseases, and also ground of the methodical going near the estimation of anthropogenic influence on a health of habitants of regions (on the example of Republic Crimea).

Methodological tools of research include mathematical methods of processing of statistical data, demographic and health surveys and the multiple correlation.

The offered methodical approach was used as the basic tools of planning and forecasting factors affecting health and the environment that will enhance social and economic-sustainable development of agrarian nature management of the Republic of Crimea (reference Nizhnegorskoe district state administration in the Republic of Crimea dated 24.12. 2013. No. 15-09-1256).

*Keywords:* anthropogenic influence, steady development of agrarian nature management, assessment of anthropogenic impact, contamination of soils and environment, health of man

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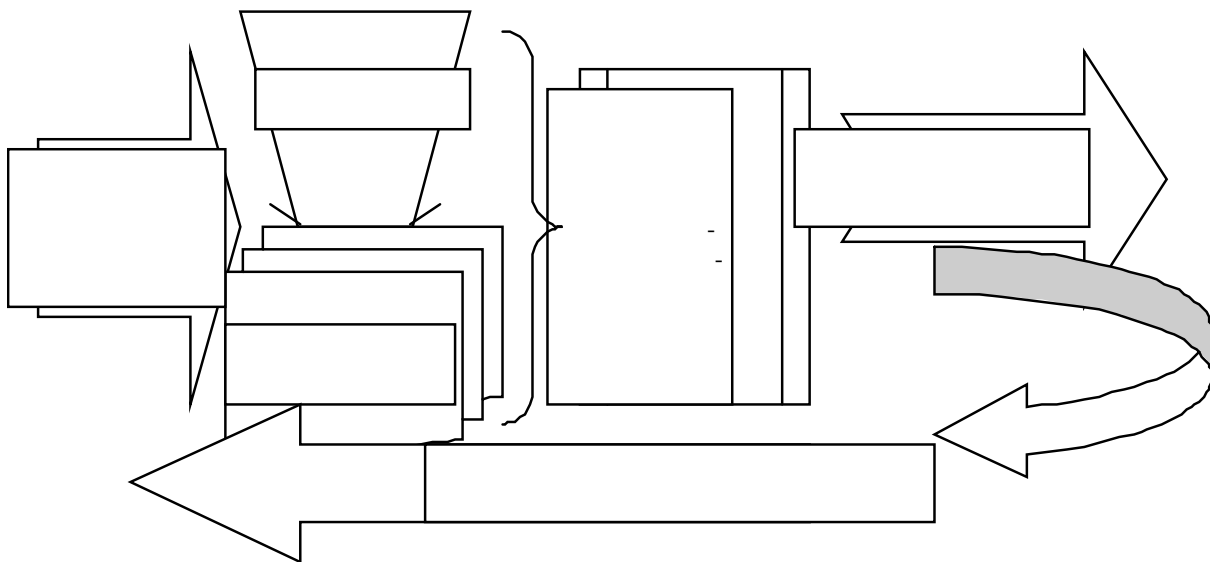
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, . .	82,3	84,3	78,6	76,1	75,4	75,3	75,3	75,2	75,0	72,6	88,2
, . .	22,7	10,0	11,8	9,2	9,0	9,1	10,3	10,3	11,3	10,7	47,1
, %	51,5	48,5	42,5	28,7	36,2	34,9	35,3	33,9	30,9	29,9	58,0
, 2	12,2	14,1	14,3	15,0	15,1	15,4	15,6	15,7	15,5	11,2	91,8
, ,	0,25	0,25	0,24	0,24	0,24	0,24	0,24	0,23	0,24	0,30	120,0
, . . 3	104,8	97,0	73,8	55,8	61,2	61,2	61,1	63,2	59,5	11,9	11,3
1 2,	7,1	7,3	4,7	4,7	6,3	5,4	5,0	3,0	5,0	4,9	48,5
,	19,3	20,7	24,3	43,3	66,0	71,4	71,5	71,7	66,0	65,0	336,8
-	3,1	3,2	3,2	3,5	3,6	3,6	3,6	3,7	3,8	3,2	103,2

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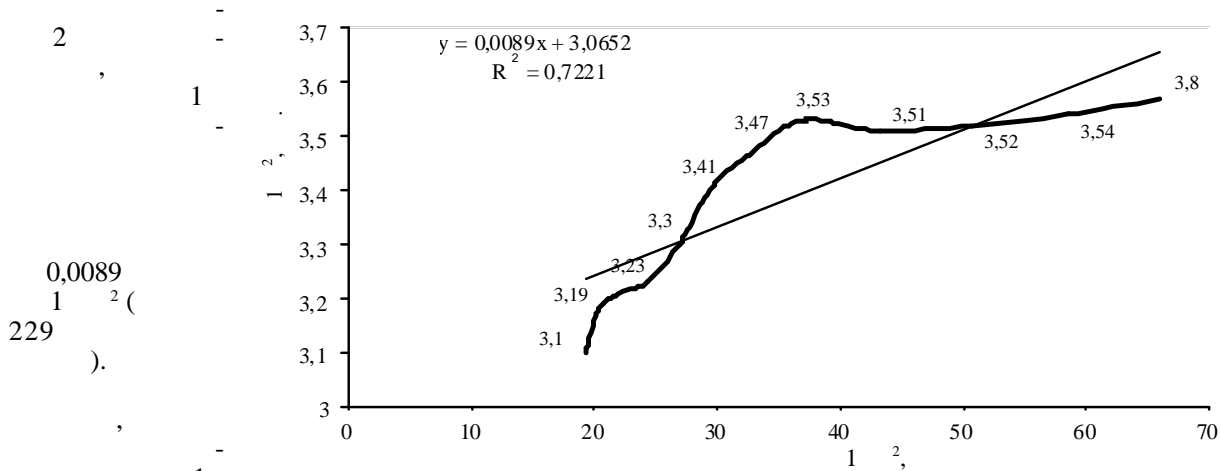
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$$Y = 0,01046X_1 + 0,03591X_2 - 0,00726X_3 + 3,36669, \quad (6)$$

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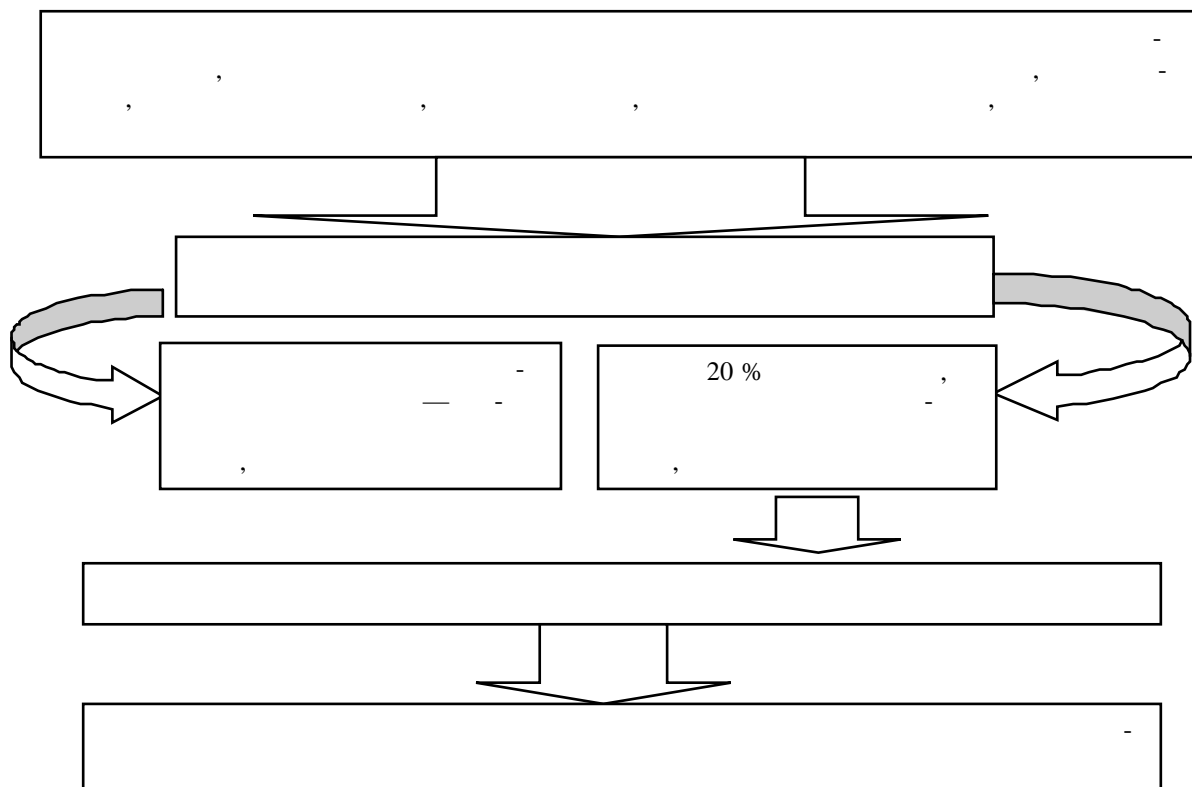
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