

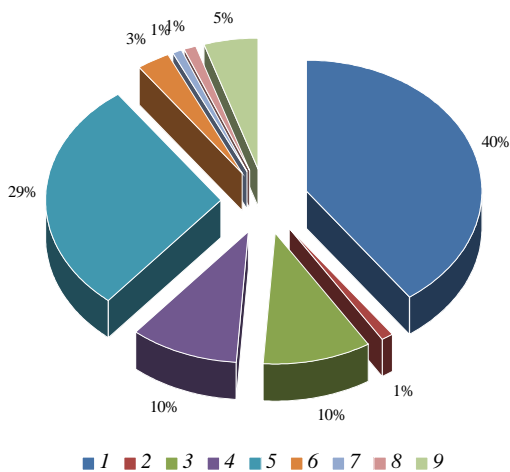
[504.453:332.4](477.83)

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... (1988), ... (2001), ... -
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, 2012 [13]

| | | | | IV | |
|------------------------|--------|--------|--------|--------|---------|
| | 18,00 | 30,00 | 19,00 | 22,00 | |
| , °C | 8,00 | 11,00 | 15,00 | 13,00 | |
| , / 3 | 9,00 | | 25,00 | 12,00 | |
| HCO ₃ , / 3 | 268,40 | 390,40 | 292,80 | 268,40 | |
| , / 3 | 32,17 | 8,10 | 6,40 | 32,50 | 170,00 |
| , / 3 | 66,10 | 104,20 | 102,20 | 88,20 | 180,00 |
| , / 3 | 7,30 | 24,30 | 10,90 | 8,50 | 40,00 |
| , / 3 | 32,60 | 28,40 | 37,10 | 53,60 | 100,00 |
| | 300,00 | 396,00 | 340,00 | 360,00 | 1000,00 |
| , / 3 | 10,60 | 19,50 | 25,50 | 34,00 | 300,00 |
| pH | 7,50 | 7,90 | 7,50 | 7,80 | 8,50 |
| , / 3 | 1,20 | 0,58 | 0,13 | 0,30 | 0,50 |
| s, / 3 | 1,40 | 2,40 | 2,90 | 2,70 | 2,26 |
| | 3,90 | 7,20 | 6,00 | 5,10 | |
| | 4,40 | 6,40 | 4,80 | 4,40 | |
| , / 3 | 0,63 | 5,50 | 1,50 | 4,00 | 40,00 |
| , / 3 | 0,10 | 0,12 | 0,10 | 0,20 | 0,08 |
| / , / 3 | 8,08 | 8,40 | 9,10 | 5,20 | |
| - , / 3 | 0,10 | 0,13 | 0,05 | 0,14 | 0,17 |
| , / 3 | 13,20 | 12,60 | 13,00 | 12,90 | 15,00 |
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| | < 15 | 15-17 | 17 | 18-20 | > 20 |
| | < 35 | 35-40 | 40 | 40-45 | > 45 |
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1. ... / ... -
... , 1993. – 224 .
2. ... “ ” /
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3. ... // ... -
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4. ... / ... // – 2012. –
2. – . 94–101.

5. // , : , 2011. – . 138–143.
6. // . – 2006. – 2. – . 199–206.
7. // : , 2010. – . 124–126.
8. // . – 2012. – . 40, . 2. – . 52–59.
9. – . : , 1992. – 40 .
10. : / . . , . . . – . : , 2005. – 300 .
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03.04.2014

05.05.2014

15.10.2014

EVALUATION OF HUMAN PRESSURE ON THE RATA RIVER-BASIN SYSTEM

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The urgency of geo-environmental research of river systems status through the analysis of anthropogenic load on their pools has been substantiated. The main approaches to the assessment of anthropogenic impact on the river basin system and the structure of land use have been analyzed, the degree of environmental sustainability of landscapes, ecological balance area environmental sustainability of land use, and environmental stress within the Rata basin have been assessed.

Key words: river-basin system, human pressure, land use and environmental sustainability.