

The problems of formation and conservation of the green frame (green carcass) of the satellite city (on the example of Zelenodolsk)

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© Published under licence by IOP Publishing Ltd. The article is devoted to the study of the problems of formation and conservation of the green frame (green carcass) of a satellite city of a monocentric city agglomeration. Nowadays the green spaces fulfill not only ecological, but also social and economic functions. This is especially important for mono-industrial and satellite cities. Zelenodolsk is satellite city of Kazan agglomeration. This city has significant natural, geographical, industrial aspects. The article shows the possibilities of forming the green frame of the city and its socio-economic use.

<http://dx.doi.org/10.1088/1755-1315/107/1/012139>

References

- [1] Gehl J 2010 *Cities for People* (Washington - Covelo - London: Island Press) 128
- [2] Lynch K 1960 *The Image of the City* (Cambridge, MA: MIT Press)
- [3] Day C. 2004 *Places of the Soul: Architecture and Environmental Design as Healing Art* (Oxford: Architectural Press) 323
- [4] Fang C and Yu D 2017 Urban agglomeration: An evolving concept of an emerging phenomenon *Landscape and Urban Planning* 162 126-136
- [5] Sweet M N, Bullivant B and Kanaroglou P S 2017 Are major canadian city-regions monocentric, polycentric, or dispersed? *Urban Geography* 38 445-471
- [6] Bagan H and Yamagata Y 2012 Landsat analysis of urban growth: How Tokyo became the world's largest megacity during the last 40 years *Remote Sensing of Environment* 127 210-222
- [7] Zakirova J A, Khusnutdinova S R and Urinova A O 2016 Formation of functional-spatial model of the sintering belt of Kazan *News of KSUAE* 1 87-94
- [8] Hinch T and Holt N 2017 Sustaining places and participatory sport tourism events *Journal of Sustainable Tourism* 25 1084-1099
- [9] Hodeck A and Hovemann G 2016 Motivation of active sport tourist in a German highland destination - a cross-seasonal comparison *Journal of Sport and Tourism* 20 335-348
- [10] Tomik R, Kosmala G and Ardenska A 2017 Active sport tourism in Poland: environmental condition and motivational aspect *European Journal of Geography* 8 129-138