

Biodiversity assessment AND quality of a vital state of trees, shrubs and herbaceous vegetation in vicinity of sport objects of the Universiade (Kazan CITY, Russia)

Palagushkina O., Zaripova N., Mingazova N., Gataullina G., Ihsanova D.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2015, Mediterranean Center of Social and Educational Research. All rights reserved. The article contains the information about the results of research of biological diversity and assessment of the quality of a vital state of trees, shrubs and herbaceous vegetation in vicinity of sport objects of the Universiade (Kazan city, Republic of Tatarstan). The vegetation of the city has been transformed in the construction of the Universiade objects. To improve the situation carried out extensive work on gardening. Provides the information about species compositions of trees, shrubs and herbs of sports facilities, about the most common species in planting of greenery. Identified the age and classes of vital state of trees. Among of herbaceous vegetation are marked prevailing families, ecological and coenotic groups and life forms, as well as rare and endangered species. The significance of compensatory measures identified to improve the environmental situation in the construction of sports facilities on the example of their greening.

<http://dx.doi.org/10.5901/mjss.2015.v6n1s3p460>

Keywords

Biodiversity, Compensatory measures, Greening, Kazan city, Sports objects, Universiade, Vegetation, Vital state estimation