МИНИСТЕРСТВО ОБРАЗОВАНИЯ РЕСПУБЛИКИ БЕЛАРУСЬ БЕЛОРУССКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ ФАКУЛЬТЕТ ГЕОГРАФИИ И ГЕОИНФОРМАТИКИ Кафедра физической географии мира и образовательных технологий

СОВРЕМЕННОЕ СОСТОЯНИЕ ПОВЕРХНОСТНЫХ ВОД ГРОДНЕНСКОЙ ОБЛАСТИ

Дипломная работа

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АННОТАЦИЯ

Дипломная работа: Современное состояние поверхностных вод Гродненской области: **71 страница, 8 рисунков, 17 таблиц, 41 источник.**

Объект исследования: поверхностные воды Гродненской области (озера, реки и их притоки, водохранилища).

Целью настоящего исследования является на основе изучения и оценки современного состояния поверхностных вод Гродненской области, и разработать практические рекомендации по их рациональному использованию, кроме того оценить и выявить современное состояние поверхностных вод Гродненской области, определить качество водных ресурсов и дать геоэкологическую оценку, изучить статистические показатели и выявить воздействие поверхностных вод на окружающую среду, здоровье человека.

Полученные результаты: выявлены основные источники загрязнения поверхностных вод Гродненской области, составлена динамика их колебания за последние годы, рассчитаны проценты их трансформации, а также рассчитаны проценты колебания водопотребления на различные нужды, самое большое количество потребляемых вод было отмечено в сфере хозяйственнопитьевой (85 643 тыс. мз) составлены необходимые диаграммы и таблицы. Кроме того, разработаны практические рекомендации по рациональному использованию поверхностных вод.

АНАТАЦЫЯ

Дыпломная праца: Сучасны стан паверхневых вод Гродзенскай вобласці: **71 старонак, 8 малюнкаў, 17 табліц, 41 крыніц.**

Аб'ект даследавання: павярхоўныя вады Гродзенскай вобласці (азёры, рэкі і іх прытокі, вадасховішча).

Мэтай гэтага даследавання з'яўляецца на аснове вывучэння і ацэнкі сучаснага стану паверхневых вод Гродзенскай вобласці, і распрацаваць практычныя рэкамендацыі па іх рацыянальным выкарыстанні, акрамя таго ацаніць і выявіць сучасны стан паверхневых вод Гродзенскай вобласці, вызначыць якасць водных рэсурсаў і даць геаэкалагічных ацэнку, вывучыць статыстычныя паказчыкі і выявіць ўздзеянне паверхневых вод на навакольнае асяроддзе, здароўе чалавека.

Атрыманыя вынікі: выяўленыя асноўныя крыніцы забруджвання паверхневых вод Гродзенскай вобласці, складзена дынаміка іх ваганні за апошнія гады, разлічаны працэнты іх трансфармацыі, а таксама разлічаны працэнты ваганні водаспажывання на розныя патрэбы, самая вялікая колькасць спажываных вод было адзначана ў сферы гаспадарча-пітной (85 643 тыс. м 3) складзеныя неабходныя дыяграмы і табліцы. Акрамя таго,

распрацаваны практычныя рэкамендацыі па рацыянальным выкарыстанні паверхневых вод.

ANNOTATION

Graduation work: Current state of surface water in the Grodno region: 71 pages, 8 figures, 17 tables, 41 resources.

Object of study: surface water of the Grodno region (lakes, rivers and their tributaries, reservoirs).

The purpose of this study is to study and evaluate the current state of surface water in the Grodno region and develop practical recommendations for their rational use, in addition to evaluate and identify the current state of surface water in the Grodno region, determine the quality of water resources and provide a geoecological assessment, study statistical indicators and identify the impact of surface water on the environment, human health.

The results obtained: the main sources of pollution of surface water in the Grodno region were identified, the dynamics of their fluctuations over recent years was compiled, the percent of their transformation was calculated, and the percentage of fluctuations in water consumption for various needs was calculated, the largest amount of consumed water was noted in the field of drinking water (85 643 thousand m3) the necessary diagrams and tables have been compiled. In addition, practical recommendations on the rational use of surface waters have been developed. Current state of surface water in the Grodno region: 70 pages, 8 figures, 17 tables, 40 sources.

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