УТВЕРЖДАЮ

Заведующий кафедрой

общего землеведения и гидрометеорологии

факультета географии и геоинформатики БГУ

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Ю.А. Гледко

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**Вопросы к зачету**

 **По учебной дисциплине «Global and Regional Water Resources Changes»**

**(магистратура англоязычная)**

1. Morphological and morphometric characteristics of watersheds.

2. Factors of river flow formation.

3. Indicators for assessing the degree of development of the river network.

4. Natural and anthropogenic flow regulation.

5. Distribution of flow velocities in the riverbed (by width and depth).

6. Bathymetric map of the lake.

7. Bathygraphic and volumetric curves of the lake.

8. Practical problems solved by bathygraphic and volumetric curves.

9. Determination of runoff characteristics in the presence of hydrometric observations.

10. Determination of runoff characteristics in the absence of hydrometric observations.

11. Runoff map. Flow rate.

12. Hydrograph. Types of hydrographs.

13. Dismemberment of the hydrographer according to the method of Ogievsky, Polyakov.

14. Dismemberment of the hydrographer according to the Kachugin method.

15. Determination of the type of rivers according to M.I. Lvovich.

16. Devices for monitoring river flow.

17. Climatic classification of rivers by A.P. Voeikov.

18. Frequency of standing water level. Graphical interpretation.

19. Availability of water discharges. Graphical interpretation.

20. Conditional catchment area. Types of lakes by conditional catchment.

21. Water balance of lakes Types of lakes by water balance.

22. Principles of hydrological zoning.

23. Hydrological zoning of the territory of Belarus and Guizhou province.

24. Phases of water regime. Floods, low waters, low water.

25. Changes in runoff during the year under different natural conditions.

26. Spatial distribution of runoff on the territory of China.

27. Cost curves. Determination of daily water consumption.

Профессор П.С. Лопух