

SUMMARY OF DISCIPLINE

1. **Name of discipline** *Regional land management*
2. **Direction (specialty)** *21.03.02 "Land management and inventories"*
3. **Preparation profile** *Land management*
4. **Qualification (degree)** *bachelor*
5. **The providing division** *Department of hydrogeology, engineering geology and hydrogeoecology*
6. **Teacher** *Konchakova N. V., ph. 701777 (2914) E-mail: vidaykina@tpu.ru*
7. **Results of studying of discipline**

1. *Forming of ideas of the basic concepts, provisions of the antierosion organization of the territory; methods of obtaining, handling and use of the cadastral information and bases of receipt of monitoring these lands*
2. *To put a capability into practice methods, acceptances and an order of project development of land management with a complex of antierosion actions; technologies of collection, systematization and information processing for project and preproject developments on rational use and protection of lands from degradation in a management system land resources.*
3. *A capability to analyze information for the solution of tasks of the State Immovable Property Cadastre and monitoring of lands, use of data of the inventory of the real estate and monitoring of lands for effective management of land resources.*

8. Content of discipline

- Section 1. Types of an erosion of soils and form of its manifestation. Factors of development of an erosion. Classification of forms of slopes of arable lands for antierosion designing of linear elements*
- Section 2. The damage caused by an erosion. Preparatory work. Assessment of factors of an erosion*
- Section 3. Antierosion organization of the territory: value, content, principles*
- Section 4. Complex of antierosion actions. Agromeliorative and hydrotechnical actions. Organizational and economic and agrotechnical actions*
- Section 5. Features of placement of production divisions. Organization of grounds and their improvement. Designing and antierosion device of system of crop rotations and their reasons.*
- Section 6. Placement of forest strips, roads and hydraulic engineering constructions. Agrotechnical antierosion actions in case of the device of the territory of crop rotations*
- Section 7. Features of the antierosion device of the territory of long-term plantings and fodder grounds and the territory in the conditions of manifestation of deflation*
- Section 8. Schemes antierosion an action on various administrative levels. Efficiency of a complex of antierosion actions*

9. Rate *4rd* **semester** *8th* **quantity of the credits** *3*

10. Certification type *examination*

The author Konchakova N. V., to. g - m of N, the associate professor