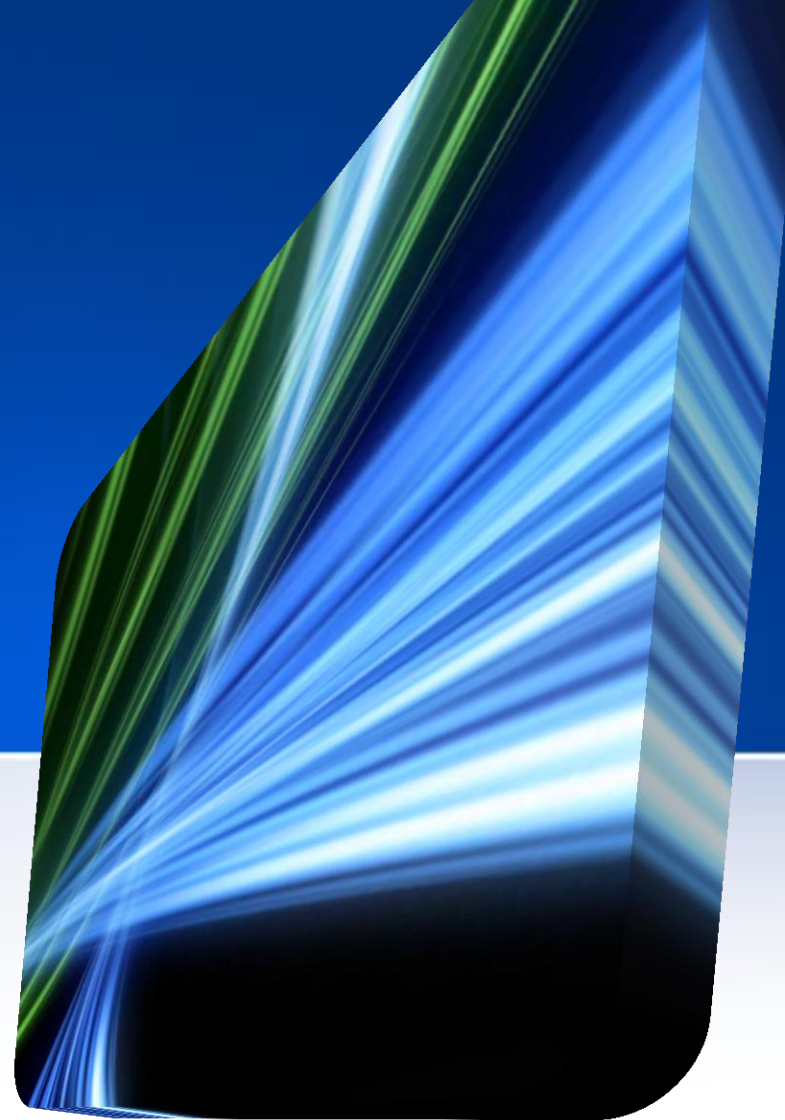


**Odessa
State
Environmental
University**



**The Work
Carried Out
by the Established
Specialized Laboratories**





Laboratory of Agroecology and Agricultural Meteorology



The main tasks of the laboratory are related to:

- **provision of students' gaining knowledge in the field of rational nature use,**
- **particularly agricultural production,**
- **agroecological assessment of lands,**
- **obtaining high-quality products with simultaneous conservation of agricultural resources (soils, natural feeding lands, hydrological characteristics of agrolandscapes),**
- **biological diversity and protection of human environment and food products from agricultural pollution**

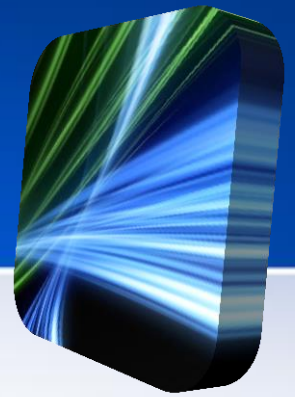


Electronic Microscope





Apical Cone of Winter Wheat after Wintering





'Humalyzer – 3000' Biochemistry Analyzer





'Humalyzer – 3000' Biochemistry Analyzer



- **The discipline of 'Ecology of Plants with Fundamentals of Botany and Physiology':**
 - Laboratory work: Getting of an alcoholic extract from pigment mixture. Optical properties of chlorophyll**

- **The discipline of Soil Science:**
 - Laboratory work: Identification of readily soluble phosphates (according to the method of A.T. Korsakov)**



Laboratory of Modeling and Forecasting the Productivity of Agroecosystems (Computer Laboratory)



Laboratory of Modeling and Forecasting the Productivity of Agroecosystems (Computer Laboratory)



- **modeling a production process in agroecosystems**
- **modeling impact of extreme weather phenomena on agroecosystem productivity**
- **modeling development of diseases and vermin propagation and their influence on crop yield**
- **modeling crop productivity, environmental purity and quality**
- **modeling anthropogenic impact on soils**
- **modelling radionuclide migration in agrocenoses**

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THANK YOU!

