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# PhD supervisor



## Professor Andrii ACHASOV

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**Languages:** Russian, Ukrainian, English

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**Research gate:** [https://www.researchgate.net/profile/Andrey\\_Achasov2](https://www.researchgate.net/profile/Andrey_Achasov2)

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### Potential areas for PhD supervision:

- Remote sensing in ecological researches
- Design of agrarian landscapes
- Precise agriculture
- Digital soil mapping

### Supervising experience:

2-3 master students  
(every year)

### Employment history in last 5 years

2016 – 2020 Kharkiv National Agrarian University named after V.V. Dokuchaev  
2020 – present V. N. Karazin Kharkiv National University

**Membership of professional association:** 1998 Ukrainian Union of Soil Sciences and Agrochemistry

### Education – since bachelor degree:

2019 Full Professor (Agrarian Science)  
2010 Habilitation (Doctor of Sciences – eqv. 2nd PhD) specialized in Agrarian Science  
1998 Habilitation (PhD), specialized in Agrarian Science  
1994 Graduation (Dipl.Geoecol.) in Kharkiv State University, Kharkiv

### Selected recent papers:

1. Achasov A.B. / Determination of soil erosion by assessing hydrothermal conditions of its formation / A.B. Achasov, A.A. Achasova, A.V. Titenko // Global Journal of Environmental Science and Management – 2019. – Volume 5, Special issue. – P. 12–21. DOI: 10.22034/GJESM.2019.05.SI2
2. Achasov A.B. / The use of digital elevation models for detailed mapping of slope soils / A.B. Achasov, A.O. Achasova, A.O. Siedov // Visnik KNU. Series "Geology. Geography. Ecology". – 2019. – № 50. – P. 77–90.  
[https://www.researchgate.net/publication/335241150\\_The\\_use\\_of\\_digital\\_elevation\\_models\\_for\\_detailed\\_mapping\\_of\\_slope\\_soils](https://www.researchgate.net/publication/335241150_The_use_of_digital_elevation_models_for_detailed_mapping_of_slope_soils)
3. Achasov A. B. / Assessment of weediness of sunflower crops with unmanned aerial vehicles/ Achasov A. B., Sedov A. O., Achashova A. A. // Man and environment. Problems of neoecology. - 2016 - № 3-4. - P. 69-74.
4. Achasov A.B./ The use of space and ground digital photography for determining the humus content in soils / Achasov A.B. Bidolakh D.I. // Eurasian Soil Science. 2008.41(3): 249–254.
5. Achasov A.B. / The influence of relief on the humus content in chernozems/ Achasov A.B. // Eurasian Soil Science/ - 2006. 39 (9): 931-937