



**ИВАН  
МИНЧЕВ**

*редовен професор*

Универзитет „Св. Кирил и Методиј“  
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Факултет за шумарски науки,  
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екоинженеринг „Ханс Ем“

## ПРОФИЛ

Област на истражување: Земјиште и хидрологија (Заштита од ерозија и уредување на порои, заштита од деградација на земјиштето и опустинување, управување со ризици од некои природни непогодни, ГИС, Далечинска детекција). Неговиот научен опус во најголем дел го чинат резултати од истражување на интензитетот на ерозијата, хидролошките процеси во планините и поројните катастрофи, управување со нанос, моделирање на природни процеси во ГИС средина. Во последниот период поголем интерес посветува на подготовка модели - карта на ерозијата и модел - карта на регионот ранлив на опустинување во државата. Покрај ова обрнува особено внимание и на еколошките пристапи за заштита од ерозијата и пороите

## ДОПОЛНИТЕЛНИ РЕФЕРЕНЦИ

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## РАБОТНО ИСКУСТВО

**2011 –денес:** Универзитет „Св. Кирил и Методиј“ во Скопје,  
(Шумарски факултет) Факултет за шумарски науки, пејзажна  
архитектура и екоинженеринг „Ханс Ем“

Асистент (2011-2015г.)

Доцент (2015-2020г.)

Вонреден професор (2020- 2025)

Редовен професор (2025-денес)

## ОБРАЗОВАНИЕ

**1999 г.**– гимназија “Јосип Броз Тито”, Скопје

**2004 г.** – дипломиран **шумарски инжењер**, Универзитет „Св. Кирил и Методиј“ во Скопје, Шумарски факултет – Скопје

**2008 г.**– магистер по управување на животната средина, Медитерански агрономски институт во Ханија, Грција

**2015 г.** – доктор по биотехнички науки, Шумарски факултет – Скопје

## ОБРАЗОВНО – ПЕДАГОШКА ДЕЈНОСТ И ПОДГОТОВКА НА КАДРИ

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### Настава:

#### На прв циклус:

- Рекултивација на копови, јаловишта и депонии,
- Геоинформатика,
- Вовед во пределно и просторно планирање,
- Топографија,
- Уредување на поројни сливови

#### На втор циклус:

- Геоинформатика 2,
- Уредување на поројни сливови 2
- Рекултивација на копови, јаловишта и депонии 2

Основач е на Лабораторија за ГИС базирано моделирање на природни непогоди во планински/шумски подрачја

### УЧЕБНИЦИ, УЧЕБНИ ПОМАГАЛА И СКРИПТИ

#### Учебници и практикуми

1. Блинков И., Трендафилов Б., Минчев И., Примена на современи геоматски техники за моделирање на ерозијата. 121 стр., УКИМ – ШФС, 2011
2. Aksoy, E., Arsov, S., Mincev, I., Fang C., Agro-ecological atlas of the Republic of North Macedonia, 2020, Rome, FAO. ISBN 978-92-5-132122-5
3. Blinkov I., Trendafilov A., Muaketov D., Monevska Alcinova S., Stevkova S., Stevkov A., Mincev I., Trendafilov B., *Erosion, Drought and Desertification Atlas of the Republic of North Macedonia*, GEF – UNEP, BSDF, 2021
4. Минчев И., *Практикум по Геоинформатика со примена во науките за земјиште, хидрологија и шумарство*, УКИМ „Св. Кирил и Методиј“ во Скопје, Факултет за шумарски науки, пејзажна архитектура и екоинженеринг „Ханс Ем“, 2024;

#### Интерни онлајн видео туторијали за дисциплините на I и II циклус

1. Минчев (2021) *Геоинформатика – 8 видео туторијали*:  
<https://www.youtube.com/channel/UC2oiRz9nYL8h3I16wNIGliQ>

#### Брошури

1. Блинков И., Минчев И., Трендафилов Б., Симовски Б., Современ пристап за управување со ризици од природни непогоди во планински /шумски) подрачја (Contemporary approach for risk/.disaster management and prevention against natural hazards in mountainous/forested regions) - билингвална брошура (мак. и англ.) 50 стр. Проект RIMADIMA – УКИМ ШФС, Скопје 2008
2. Стојановска М., Блинков И., Миовска М., Минчев И., (2009), FOPER project, Conflicts between forestry and environmental sector in the Republic of Macedonia - 20 стр. УКИМ – ШФС, 2009, билингвална брошура
3. Blinkov I., Zennaro B., Zaimi K., Krstic S., Kostadinovski M., Mincev I., Kustereska R., Elbasani O., Peci D., Simixhiu V., (2017) “Shorezone functionality - Ohrid lake”, - Implementing the EU Water Framework Directive in South-Eastern Europe, Project: Conservation and Sustainable Use of Biodiversity at Lakes Prespa, Ohrid and Shkodra/Skadar (CSBL) - Shorezone functionality, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
4. Blinkov I., Zennaro B., Zaimi K., Krstic S., Kostadinovski M., Mincev I., Kustereska R., Elbasani O., Peci D., Simixhiu V., (2017) “Shorezone functionality - Prespa lake”, - Implementing the EU Water Framework Directive in South-Eastern Europe, Project: Conservation and Sustainable Use of Biodiversity at Lakes Prespa, Ohrid and Shkodra/Skadar (CSBL) - Shorezone functionality, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

### ПРОЕКТИ (научни, научно-апликативни, апликативни-инженерски)

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1. Project: Improved Implementation of the EU Floods Directive through Harmonization of National Legislation and Preparation of Flood Risk Management Plans” [NEAR/SKP/2023/EA-RP/0174], Eptisa Southeast Europe, 2025-ongoing
2. Project: Preliminary and main design for regulation of Brza Voda (Porojska Reka), UNDP, 2024
3. Project: Restoration Opportunities Assessment and Design of the Restoration Interventions in North Macedonia (RfP Reference: IUCN-23-09-P04432-1), IUCN, E.C.O. Institut für Ökologie Jungmeier GmbH, 2023-24

- 4 Project: Supporting the reforms in Forestry in North Macedonia NEAR/SKP/2022/EA-RP/0036
- 5 Project: Provision of services for the field survey of clusters-plots (Phase2) in the framework of the National Forest Inventory pilot implementation in the Republic of North Macedonia; Particip GmbH, Suma Plan and REFORD – Skopje, 2023-24
- 6 Project: Supporting the reforms in Forestry in North Macedonia NEAR/SKP/2022/EA-RP/0036
- 7 Project: Provision of services for the visual interpretation of sample plots (Phase 1) in the framework of the National Forest Inventory pilot implementation in the Republic of North Macedonia; UKIM, Faculty of Forestry Sciences, Landscape Architecture and Eco-engineering "Hans Em" Skopje; 2023-24
- 8 Project: Nature based solutions for prevention and mitigation of natural disasters in the cross-border area (SOLNA), Interreg IPA CBC Program CCI 2014 TC 16 I5CB 009; UKIM, Faculty of Forestry Sciences, Landscape Architecture and Eco-engineering "Hans Em" Skopje; 2022-2023;
- 9 Project: *Development of an integrated solution for flood and debris flow torrent risk mitigation in the Brza Voda river watershed (Dzheciste torrential watercourse), Reference No. (UNDP-MKD-RFP 70-2023); UNDP, 2023;*
- 10 Project: Increasing resilience to climate change at the local level for municipality of Centar-Skopje, municipality of Demir Kapija and municipality of Prilep; Center for climate change, Client: CNVP, Ekosvest Funded by the Swedish government; 2023
- 11 Project: Optimization of the energy utilization of Crna Reka, A preliminary study on erosion in the catchment and sediment transport in the reservoir "Chebren"; Civil engineering institute Macedonia Client: GOPA International Energy Consultants GmbH; 2023
- 12 Project: Promoting the Sustainable Management of Natural Resources in South-eastern Europe, through the use of the Nexus approach; Development of a Project Document for an intervention on improving sediment management in the Drina River Basin; Study on nature based disaster risk reduction in West Balkans; ADA (Austrian development agency) Implemented by GWP-MED; 2022
- 13 Project: Integrated Water Resource Management Program (IWRM-K); Обука за користење на дрон за потребите на управување со води; Skat Consulting Ltd. Branch in Kosovo, 2022
- 14 Project: Enhancing Montenegro's capacity to integrate climate change risks into planning: Data consolidation and additional gender-sensitive climate risk assessments of the four priority sectors (water, agriculture, health and tourism) in Montenegro, UNDP Montenegro, 2021-22
- 15 Project: Preparation of soil erosion and drought vulnerability map, and identification of high-risk zones and their impact to biodiversity, project: "Achieving Biodiversity Conservation through Creation and Effective Management of Protected Areas and Mainstreaming Biodiversity into Land Use Planning" GEF – UNEP – BSDF , 2021, Authors: Blinkov I., Trendafilov A., Minchev I., Muaketov D., Trendafilov B., Monevska- Alcinova S., Stefkova S., Stefkova A.,
- 16 Project: Improved resilience of communities to climate risks; UNDP Georgia; Обука за користење на дрон за потребите на управување со води во Абхазија; 2021
- 17 Project: Infrastructure Programme for Integrated Water Management, Pre-feasibility Study West Morava River Sub-basin, EU IPA II, 2020-21
- 18 Техничка документација за противерозивно уредување на сливовите на водотеците на Скопска Црна Гора, (идеен и основен проект) УНДП & Град Скопје , УКИМ – ХЕФ , 2021, Автори: Блинков И., (рак.), Трендафилов А, Минчев И., Трендафилов Б., Муакетов Д., Симовски Б.,
- 19 Supporting the preparation of the 3<sup>rd</sup> Biennial Update Report and the 4<sup>th</sup> National Communication on Climate Change in AFOLU sector in Macedonia; 2019-21
- 20 GENERATING MOMENTUM ON WATER AND FORESTS IN THE BALKANS, DBU (Deutsche Bundesstiftung Umwelt) Landesforsten Rheinland Pfalz, Waid, Werte , Wahre, CNVP – Connecting Natural Values and People Foundation 2019-20  
- FOREST –WATER INTERACTIONS, (2019); Blinkov I., Toromani E., Minchev I., Shueler G., CNVP 2019  
[https://www.dbu.de/OPAC/ab/DBU-Abschlussbericht-AZ-34842\\_01-Anlage%201.pdf](https://www.dbu.de/OPAC/ab/DBU-Abschlussbericht-AZ-34842_01-Anlage%201.pdf)
- 21 Soil erosion and torrential flood prevention: Curriculum development at the universities of Western Balkan countries (SETOF) “ – ERASMUS + project – <https://www.setof.org/>
- 21.1 Analysis of state of soil degradation/soil erosion in North Macedonia, Blinkov I., Minchev I., Trendafilov A., (2019) <https://www.setof.org/setofprojects/reports-on-activity-1-1-analysis-state-of-soil-degradation-soil-erosion-in-wbc/>
- 21.2 Analysis of torrential floods in North Macedonia, (2019)  
Authors: Blinkov I., Minchev I., Trendafilov A., <https://www.setof.org/setofprojects/reports-on-activity-1-2-analysis-of-torrential-floods-in-wbc/>
- 22 Feasibility study for restoring Sateska River in the natural riverbed; UNDP; 2019
- 23 Assessment of Agricultural production through NAEZ and LRIMS and scenario development; FAO; 2018-19
- 24 Mapping and valuation of biodiversity services in peri-urban forest, Transnational Cooperation Programme Interreg Balkan-Mediterranean 2014-2020 CCI 2014TC16M4TN003 "Conservation and sustainable capitalization of biodiversity in forested areas"; 2019

- 25 Flood risk management plan for the Up Vardar river basin; UNDP; 2018
- 26 Methodological support of Collect Earth survey in the Former Yugoslav Republic of Macedonia (FYROM); FAO; 2018
- 27 IPCC inventory – sector AFOLU (2014-2015) for Montenegro; UNDP Montenegro; 2018
- 28 Идентификација на шуми со висока вредност, “Achieving Biodiversity Conservation through Creation and Effective Management of Protected Areas and Mainstreaming Biodiversity into Land Use Planning”, GEF– UNEP – МЕД, 2020 –  
рак. Велковски Н.,
- 29 Erosion study and action plan for the city of Skopje (Студија за ерозија и акционен план за град Скопје), УНДП – Град  
Скопје, УКИМ – ШФС, Град Скопје 2017, билингвална (македонски и англиски), Авторы: Блинков И.,  
Трендафилов А., Минчев И., Пешевски И.,
- 30 Technical assistance for using wood energy to improve sustainable economic rural development and meet the 2020  
renewable energy targets for the Western Balkans, FAO, 2017
- 31 Елаборат за утврдување потенцијалот на ерозија и динамика на пополнување на акумулацијата Глобочица со  
ерозивен наносен материјал; ЕЛЕМ-АД, 2017
- 32 Развој на национална студија за води - Development of national water study; EuropeAid/136505/IH/SER/MK; 2016-17
- 33 Shorezone Functionality Index– SFI, , Implementing the EU Water Framework Directive in South-Eastern Europe, *Project:  
Conservation and Sustainable Use of Biodiversity at Lakes Prespa, Ohrid and Shkodra/Skadar (CSBL) -  
Shorezone functionality, (2017)* Blinkov I., Zennaro B., Zaimi K., Krstic S., Kostadinovski M., Mincev I., Kustereska R., ,  
Elbasani O., Peci D., Simixhiu V., Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH,
- 34 Идеен и основен проект за заштита од ерозија и уредување на порои покрај регионалните патишта во општина  
Кочне - Basic design for protection from erosion and torrent control along the regional roads in the municipality of  
Konce, УНДП, 2016-17
- 35 Студијата за оцена на влијанието врз животната средина од изградба на железничкиот коридор на потегот Кичево-  
Лин – област: шуми, шумарство, ерозија и порои Авторы: Блинков И., Трендафилов А., Минчев И., Трендафилов  
Б., 2016
- 36 Updated Prespa Lake Watershed Management Plan 2” 2016-2021- GEF – UNDP, GTI-Geotechnical Engineering 2016,  
Authors Conevski T., Krstic S., Blinkov I., Stavric V., Cukaliev O., , Dimov M., Bojkovska R., Slaveska Stamenkovic V., Krango  
N., Mojsovska S., Mincev I., Conevski S.
- 37 Елаборат за утврдување потенцијалот на ерозија и динамика на пополнување на акумулацијата Шпиље, ЕЛЕМ-АД,  
2015-16
- 38 EuropeAid/132108/D/SER/MK – Technical assistance for strengthening the institutional capacities for approximation and  
implementation of environmental legislation in the area of water management; Ramboll Denmark A/S; 2014-15
- 39 Flood Risk Management for ‘Morava e Binces’, EU office in Kosovo; 2013-14
- 40 Студија за ерозија за сливот на акумулацијата „Луково Поле“; ЕЛЕМ-АД, 2013
- 41 Проект: ‘FURTHER STUDY AND ANALYSIS OF INNOVATIVE FINANCING FOR SUSTAINABLE FOREST MANAGEMENT IN THE  
SOUTHWEST BALKANS’ - Case: SFM and watershed management in the Ulza watershed – Albania, World Bank - ProFOR,  
CNVP Connecting Natural Values and People Foundation, <http://www.cnvp-eu.org/uploads/documents>
- 31.1. PUB – 20 – Second Bathymetry and Lifespan Analysis, CNVP – Albania, Tirana, 2014 Authors: Trendafilov A, Mincev  
I., Blinkov I.,
- 31.2. PUB – 21 – Mapping and Modelling erosion intensity and transported sediments in the Ulza watershed, CNVP – Albania  
, Tirana, 2014, Authors: Trendafilov A, Mincev I., Blinkov I., Todorov V., Kamphen P., Salkurti H., Kaba D.,
42. Проект: “STUDY AND ANALYSIS OF INNOVATIVE FINANCING FOR SUSTAINABLE FOREST MANAGEMENT IN THE  
SOUTHWEST BALKAN” Case: SFM and watershed management in the Ulza watershed – Albania World Bank -  
ProFOR, CNVP Connecting Natural Values and People Foundation, <http://www.cnvp-eu.org/uploads/documents>
- 42.1. PUB – 07 - Ulza Reservoir Bathymetry and Lifespan Analysis, CNVP – Albania, Tirana, 2013, Authors: Blinkov  
I., Trendafilov A, Mincev I., Ivanoski D.,
- 42.2.32.2 PUB – 14 - Forest Practices in Ulza Watershed, CNVP – Albania, Tirana, 2013, Authors:  
Trendafilov A, Blinkov I., Mincev I., Omuri I.
43. RULAND “Interactive Farmers Support System for Efficient water use management; EU-IPA; 2012-13
44. Centre for drought management in southeast Europe; УХМР; 2011-12
45. Development of Prespa Lake watershed management plan, УНДП, 2009-11
46. Environment Protection, Economic Development and Promotion of Eco Tourism in the National Park Mavrovo,  
UCODEP, 2009-11
47. Студија и Креирање на ГИС атрибутирани карти и графички основи врз подлоги од ориентиран леери,  
меѓупроизводи и крајни бази на податоци за потребите на проектот/елаборатот за детални геолошки  
истражувања на минерална сировина гранит на локалитетот на с.Чаниште, општина Прилеп., Геотехнички  
инженеринг – ГТИ, Ноември 2011 Авторы: Чукалиев О., Блинков И., Минчев И
48. Проучување на ерозијата како релевантен фактор за десертификацијата со методи кои се користат во Р.  
Бугарија и Р. Македонија, 2008-2010, Партнери: Универзитет „Св.Кирил и Методиј“ – Скопје – Шумарски  
факултет – Скопје, Бугарска академија на науките – Институт за горите, Софија



49. **Conflict management between forestry and environmental sector, regional project**, FINISH GOVERNMENT EFI (European Forest Institute) – project coordinator + partners from Western Balkan countries, FF + partners from Western Balkan countries, 2008, [http://sf.ukim.edu.mk/proekti\\_i\\_sorabotka.htm#1596797696318-3e615805-7d77](http://sf.ukim.edu.mk/proekti_i_sorabotka.htm#1596797696318-3e615805-7d77)
50. Проект: RIMADIMA (Risk Management, Disaster Management and Prevention against Natural Hazards in Mountains/Forested regions) - An-EU funded project code Ho.04MAC03/03/01/001 / 5D102; INTERREG IIIb CadSES project [http://www.sf.ukim.edu.mk/rimadima/index\\_EN.html](http://www.sf.ukim.edu.mk/rimadima/index_EN.html)
  - 50.1 Blinkov I., Simovski B., Mincev I.: Classification and zoning of preservable areas within regions of similar characteristics based on IUCN methodology
  - 50.2 Blinkov I., Mincev I., Simovski B.: Transnational study on forest ecosystem violation risk probability/meteorological
  - 50.3 Mincev I., Trendafilov B., Jagev V., Blinkov I.: develop of GIS dataset (created over 100 GIS layers related to the project issues)
  - 50.4 Blinkov I., Mincev I.: Transnational methodology for development of risk maps (single and multihazard) using GIS technology
51. Waste water management in Skopje; JICA; 2007-08
52. DRIMON - Interdisciplinary assessment of water resources management in two trans-boundary lakes in South Eastern Europe; Norwegian research council; 2008
53. Second National communication on climate change. Sector: Agriculture; UNDP; 2006
54. Approaches to Quantification of Nutrient Pollution Load in the Drim/Drini river catchment (DRIMPOL); Norwegian research council; 2008

## КНИГИ ОД ПРОЕКТИ

1. PRESPA LAKE WATERSHED MANAGEMENT PLAN 2011-2017, GEF – UNDP, Ministry of Environment and physical planning, GTI, UNDP, 2012 PRESPA LAKE WATERSHED MANAGEMENT PLAN  
Petrovska M., Conevski T., Krstic S., Blinkov I., Stavric V., Cukaliev O., Ristovski I., Kocovski Z., Dinev G., Milevski J., Dimov M., Bojkovska R., Talevski T., Talevska M., Stafilov T., Kaevski I., Slaveska Stamenkovic V., Spirovska S., Soreva I., Blinkova M., Krango M., Mincev I. [https://www.researchgate.net/publication/266850433\\_PRESPA\\_LAKE\\_WATERSHED\\_MANAGEMENT\\_PLAN](https://www.researchgate.net/publication/266850433_PRESPA_LAKE_WATERSHED_MANAGEMENT_PLAN).
2. **SHOREZONE FUNCTIONALITY - OHRID LAKE**, - Implementing the EU Water Framework Directive in South-Eastern Europe, Project: Conservation and Sustainable Use of Biodiversity at Lakes Prespa, Ohrid and Shkodra/Skadar (CSBL) - Shorezone functionality, Zennaro B., Blinkov I., (head of Macedonian team) Zaimi K., (head of Albanian team), Krstic S., Kostadinovski M., Mincev I., Kustereska R., Elbasani O., Peci D., Simixhiu V., Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), 2017, <https://www.giz.de/en/downloads/Shorezone%20Functionality%20Ohrid%20Lake%20-%20EN.pdf>
3. **SHOREZONE FUNCTIONALITY - LAKE PRESPA**, - Implementing the EU Water Framework Directive in South-Eastern Europe, Project: Conservation and Sustainable Use of Biodiversity at Lakes Prespa, Ohrid and Shkodra/Skadar (CSBL) - Shorezone functionality, Zennaro B., Blinkov I., (head of Macedonian team) Zaimi K., (head of Albanian team), Krstic S., Kostadinovski M., Mincev I., Kustereska R., Elbasani O., Peci D., Simixhiu V., Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, 2017  
<https://www.giz.de/en/downloads/Shorezone%20Functionality%20Prespa%20Lake%20-%20EN.pdf>

## НАУЧНИ ПУБЛИКАЦИИ

### Публикации во Монографии

1. Monograph: Advances in GEOECOLOGY - Global Change - Challenges for Soil Management, M. Zlatić (Editor), ISBN 978-3-923381-57-9, CATENA VERLAG GMBH Armelgasse 11, D- 35447 Reiskirchen, Germany, 2010 *Blinkov I., Mincev I., -- authors of chapter 4 – Multy- hazard mapping as a tool for sustainable land use management pp. 120-135*  
<https://www.nhbs.com/global-change-book-2>
2. Monograph: Advances in GEOECOLOGY 45 – Soil and water resources protection in the changing environment, Ed.: Miodrag Zlatić; Stanimir Kostadinov; Schweizerbart and Borntraeger science publishers, Mincev I.: Measuring v.s modeling sediment, case study: Kalimanci reservoir, 2018 ISBN 978-3-510-65418-5
3. Monograph: Degradation of Soil and Water Resources, Editors in Chief: Rui Li, Ted L. Napier, Samir El-Swaify, Mohamed Sabir, Eduardo Rienzi, *Blinkov I., Kostadinov S., Mincev I. Petrovic A., ch.28 - Soil Erosion and Torrent Control in Western Balkan ch.28 - pgs. 510-536*, Science Press, Beijing. Springer,

## Б) ПУБЛИКАЦИИ ВО МЕЃУНАРОДНИ ЧАСОПИСИ И ДОМАШНИ ЧАСОПИСИ СО МЕЃУНАРОДЕН КАКРАКТЕР

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