



**ИВАН  
МИНЧЕВ**

*вонреден професор*

Универзитет „Св. Кирил и Методиј“  
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Факултет за шумарски науки,  
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## 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- 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: група предмети од областа “Земјиште и хидрологија”

#### На прв циклус:

- Компјутерски апликации,
- Геоинформатика,
- Вовед во пределно и просторно планирање,
- Топографија,
- Уредување на поројни сливови

#### На втор циклус:

- Геоинформатика 2,
- Проектен циклус во инженерство

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

#### 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: 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

- 2 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
- 3 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
- 4 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., MIncev I., Muaketov D., Trendafilov B., Monevska- Alcinova S., Stefkova S., Stefkova A.,
- 5 Improved resilience of communities to climate risks; UNDP Georgia; Обука за користење на дрон за потребите на управување со води во Абхазија; 2021
- 6 Infrastructure Programme for Integrated Water Management, Pre-feasibility Study West Morava River Sub-basin, EU IPA II, 2020-21
- 7 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.,
- 8 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
- 9 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)
10. Soil erosion and torrential flood prevention: Curriculum development at the universities of Western Balkan countries (SETOF) " – ERASMUS + project – <https://www.setof.org/>
  - a. Analysis of state of soil degradation/soil erosion in North Macedonia, Blinkov I., MIncev I., Trendafilov A.,(2019) <https://www.setof.org/setofprojects/reports-on-activity-1-1-analysis-state-of-soil-degradation-soil-erosion-in-wbc/>
  - b. Analysis of soil erosion state and torrential floods in Western Balkan Countries – regional report Author: Blinkov I., (2020) (based on country reports), <https://www.setof.org/setofprojects/reports-on-activity-1-1-analysis-state-of-soil-degradation-soil-erosion-in-wbc/>
  - c. Analysis of torrential floods in North Macedonia, (2019)  
Authors: Blinkov I., MIncev I., Trendafilov A., <https://www.setof.org/setofprojects/reports-on-activity-1-2-analysis-of-torrential-floods-in-wbc/>
  - d. Report on study requirements with Bologna standards in North Macedonia  
Author: Blinkov I., (2020), <https://www.setof.org/setofprojects/defined-study-requirements-with-bologna-standards/>
  - e. Report on evaluation of the syllabuses of the new and modernized subjects in Serbia and BiH, Author: Blinkov I., (2020), <https://www.setof.org/setofprojects/evaluation-of-syllabi/>
11. Feasibility study for restoring Sateska River in the natural riverbed; UNDP; 2019
12. Assessment of Agricultural production through NAEZ and LRIMS and scenario development; FAO; 2018-19
13. 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
14. Flood risk management plan for the Up Vardar river basin; UNDP; 2018
15. Methodological support of Collect Earth survey in the Former Yugoslav Republic of Macedonia (FYROM); FAO; 2018
16. IPCC inventory – sector AFOLU (2014-2015) for Montenegro; UNDP Montenegro; 2018
17. 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.,
18. Erosion study and action plan for the city of Скопје (Студија за ерозија и акционен план за град Скопје), УНДП – Град Скопје, УКИМ – ШФС, Град Скопје 2017, билингвална (македонски и англиски), Автори: Блинков И., Трендафилов А., Минчев И., Пешевски И.,
19. 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
20. Елаборат за утврдување потенцијалот на ерозија и динамика на пополнување на акумулацијата Глобочица со ерозивен наносен материјал; ЕЛЕМ-АД, 2017

21. Развој на национална студија за води - Development of national water study; EuropeAid/136505/IH/SER/MK; 2016-17
  22. 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,
  23. 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
  24. Студијата за оцена на влијанието врз животната средина од изградба на железничкиот коридор на потегот Кичево-Лин – област: шуми, шумарство, ерозија и порои Автори: Блинков И., Трендафилов А., Минчев И., Трендафилов Б., 2016
  25. 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.
  26. Елаборат за утврдување потенцијалот на ерозија и динамика на пополнување на акумулацијата Шпиље, ЕЛЕМ-АД, 2015-16
  27. 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
  28. Flood Risk Management for `Morava e Binces`, EU office in Kosovo; 2013-14
  29. Студија за ерозија за сливот на акумулацијата „Луково Поле“; ЕЛЕМ-АД, 2013
  30. 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.,
  32. 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>
- 
- 32.1. PUB – 07 - Ulza Reservoir Bathymetry and Lifespan Analysis, CNVP – Albania , Tirana, 2013, Authors: Blinkov I., Trendafilov A, Mincev I., Ivanoski D.,
  - 32.2.32.2 PUB – 14 - Forest Practices in Ulza Watershed, CNVP – Albania , Tirana, 2013, Authors: Trendafilov A, Blinkov I., Mincev I., Omuri I.
  33. RULAND “Interactive Farmers Support System for Efficient water use management; EU-IPA; 2012-13
  34. Centre for drought management in southeast Europe; УХМР; 2011-12
  35. Development of Prespa Lake watershed management plan, УНДП, 2009-11
  36. Environment Protection, Economic Development and Promotion of Eco Tourism in the National Park Mavrovo, UCODEP, 2009-11
  37. Студија и Креирање на ГИС атрибутирани карти и графички основи врз подлоги од ориентираните 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 Автори: Чукалиев О., Блинков И., Минчев И
  38. 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
  39. **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)

40. 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 Cadeses project [http://www.sf.ukim.edu.mk/rimadima/index\\_EN.html](http://www.sf.ukim.edu.mk/rimadima/index_EN.html)
  - 40.1 Blinkov I., Simovski B., Mincev I.: Classification and zoning of preservable areas within regions of similar characteristics based on IUCN methodology
  - 40.2 Blinkov I., Mincev I., Simovski B.: Transnational study on forest ecosystem violation risk probability/meteorological
  - 40.3 Mincev I., Trendafilov B., Jagev V., Blinkov I.: develop of GIS dataset (created over 100 GIS layers related to the project issues)
  - 40.4 Blinkov I., Mincev I.: Transnational methodology for development of risk maps (single and multyhazard ) using GIS technology
  - 40.5 Blinkov I., Mincev I., Trendafilov A., Nikolov N.: National report related to the wp4 – Develop of risk maps (developed 21 risk/hazard maps in 7 categories)
41. Waste water management in Skopje; JICA; 2007-08
42. DRIMON - Interdisciplinary assessment of water resources management in two trans-boundary lakes in South Eastern Europe; Norwegian research council; 2008
43. Second National communication on climate change. Sector: Agriculture; UNDP; 2006
44. Approaches to Quantification of Nutrient Pollution Load in the Drim/Drini river catchment (DRIMPOL); Norwegian research council; 2008

#### КНИГИ ОД ПРОЕКТИ

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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

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##### Публикации во Монографии (до март 2022 г.)

1. Monograph: Advances in GEOECOLOGY - Global Change - Challenges for Soil Management, M. Zlatic (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 Zlatic; 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*

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

- Jagev V., **Mincev I.** Blinkov (2006) **"USE OF GIS AND GPS FOR MAPPING AND ANALYSIS OF SOME HYDROLOGICAL FACTORS"**, BALWOIS conference (Project for Water Observation and Information System for Decision Support), Ohrid, R. Macedonia, 2006
- Mukaetov D., Cukaliev O., Sekuloska, **Mincev** (2007): **"GIS-AIDED AGRO-ECOLOGICAL ZONING OF FORMER YUGOSLAV REPUBLIC OF MACEDONIA"**  
Status and prospect of soil information in south eastern Europe: soil databases, projects and applications. Scientific and technical report, Institute of Environment and Sustainability, JRC, ISPRA, Italy.
- Blinkov I., Trendafilov A., **Mincev I.**, **Mincev I.**, Blinkov I., (2007): **"LEGISLATION AND INSTITUTION RELATED TO EROSION AND TORRENT CONTROL IN THE REPUBLIC OF MACEDONIA"**  
International Conference «Erosion and torrent control as a factor in sustainable river basin management» 25-28 September 2007, Belgrade/Serbia
- Mincev I.**, Blinkov I., (2007): **"GIS MODEL FOR ASSESSING WATER AND SEDIMENT DISCHARGE BASED ON THE METHODOLOGY OF GAVRILOVIC"**,  
International conference: EROSION AND TORRENT CONTROL AS A FACTOR IN SUSTAINABLE RIVER BASIN MANAGEMENT, 25-28, September, Belgrade, Serbia
- Mincev I.**, Blinkov I., Trendafilov B. (2007) **"GIS AIDED EROSION RISK ANALYSES ON VODNO MOUNTAIN"**,  
III CONGRESS OF ECOLOGISTS OF THE REPUBLIC OF MACEDONIA WITH INTERNATIONAL PARTICIPATION, 6-9 October, Struga, R. Macedonia, KEY-NOTE SPEAKER – division - LANDSCAPE ECOLOGY
- Mincev, I.** (2007): **"GIS AIDED MULTI OBJECTIVE ALLOCATION OF AREAS WITH INTENSIVE WOOD PRODUCTION AND MAINTAINING FAUNA BIODIVERSITY"**,  
INTERNATIONAL SYMPOSIUM, Sustainable Forestry - Problems and Challenges Perspectives and Challenges in wood technology, 24-26, October, 2007, Ohrid, R.Macedonia
- Mincev, I.** (2007): **"SUITABILITY FOR TREE SPECIES AFFORESTATION USING GIS AIDED LANDSCAPE MODEL"**, INTERNATIONAL SYMPOSIUM Sustainable Forestry - Problems and Challenges Perspectives and Challenges in wood technology 24-26, October, 2007, Ohrid, R.Macedonia
- Blinkov I., **Mincev I.**, Trendafilov B., (2008) **"EROSION RISK ANALYSES ON THE VODNO MOUNTAIN AND IMPACT TO THE SURROUNDING AREAS"**  
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