

## CURRICULUM VITAE

1. **Family name:** BLINKOV
2. **First names:** IVAN
3. **Date of birth:** 22.06.1961
4. **Nationality:** Macedonia
5. **Place of Residence:** Skopje
6. **Civil status:** married

**Summary of Experience:** *More than 32 years of experience in university education as well as in scientific and applied projects, national strategies, action plans in the fields of: land, water and risk/hazard management i.e erosion and torrent control, watershed management, torrent hazard/risk management, land degradation and desertification...*

*Participant in > 85 project, Author/coauthor of > 100 published papers, 4 books, 6 scripts, chapters in 5 monographs, 5 printed projects, 4 brochures, more then 300 presentations on various events, more then 300 studies/technical reports within the projects;*

*Member of various international and national professional bodies. Reviewer of scientific papers and projects, textbooks; Reviewer for academic assignment in the country and Serbia; Member of various international working groups; Member of scientific committee of international scientific conferences; Mentor of 3 PhD, 4 MSc; Member of commission for reviewing PhD Thesis in the country and Serbia;*

*Member of the expert council of the Ministry of environment and physical planning;*

**Member of the Scientific council of Centre for Environment and materials, within MANU (Macedonian Academy of Science and Art) (2014 - ) ,**

**Member of the Council of WASWAC (World Association for Soil and Water Conservation)**

**Awarded as the BEST SCIENTIST in the field of Bio-technical Sciences – Ss. Cyril and Methodius**

### 7. Education:

Institution [ Date from - Date to ]	
<p><i>“Ss. Cyril and Methodius “ University in Skopje , Faculty of Forestry, Republic of Macedonia 1995/96- 1997/98</i></p>	<p>PhD in Forest Sciences - Soil erosion and torrent control) – PhD Thesis: <i>“Influence of rainfalls on erosion intensity in Bregalnica river basin up to profile “Dam Kalimanci”</i></p>
<p><i>“Ss. Cyril and Methodius “ University in Skopje , Faculty of Forestry, Republic of Macedonia 1989/90- 1994/95</i></p>	<p>M.Sc. in Biotechnical Sciences - Torrent management and erosion control - MSc thesis – <i>Erosion control of torrent series “Srneshnik”</i></p>
<p><i>“Ss. Cyril and Methodius “ University in Skopje , Faculty of Forestry, Republic of Macedonia 1981/82- 1985/86</i></p>	<p>- B.Sc. in Forestry – Study programme - Forest Engineering</p>

8. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
Serbian	1	1	1
Croatian	1	1	1
Bulgarian	2	2	4
Russian	2	3	4

9. **Membership of professional bodies:**

- **WASWC (World Association of Soil and Water Conservation)** – represent officer for Macedonia
- **Alliance 21** - “Alliance for a responsible and united world – The Environmental group (soil, water, forest) - the only represent of Macedonia on World Summit held in Lille (France) 2002, past
- **MES (Macedonian Ecological Society)**
- **MShA** – Macedonian Forest Association

**Other skills:** Computer literate in various standard software and GIS software, advanced user of : MC Office, Internet, Adobe Photoshop, Arc GIS software,

- Certificate of Competence for “**Land Valuation and Management**” by **Royal Agricultural College, Cirencester , United Kingdom , 2001**

.10. **Years within the firm: 32**

**Present position:** full professor - “*Ss. Cyril and Methodius*” University in Skopje, Department of Land and Water

Courses on Bachelor degree:

*groups: Forestry (F); Landscape Design (LD) Eco-engineering and eco-management (EE):*

- Land surveying and technical drawing - I years of studies ( F ; LD, EE)
- Basics of Soil and Water Conservation – II years of studies (EE)
- Soil Erosion and Control – III years of studies ( EE);
- Management of land, water and risks of natural hazards (EE)
- *Geoinformatics (F, EE) – elective course(2005-2016)*

**Courses on II cycles - Master degree (UKIM - Faculty of Forestry):**

***Study programme - Landscaping and environment promotion”***

- Torrent Hydrology and hydraulic
- Management of water and risks of natural hazards
- Land use planning and management
- Land degradation, desertification and erosion control
- Geoinformatics (up to 2016)

**Past:**

*Leader of study programme >Management of land and water in mountain ecosystems<*

- Land Degradation and desertification, - Torrent hydrology, - Modern geomatic techniques, - Erosion control 2, - Sustainable Land and Water Management Planning,
- Integral land resources management - Risk/hazard management (natural hazards)

I cycle of studies - Interdisciplinary Studies of Environmental Engineering within Ss. Cyril and Methodius university (managed by Faculty of Mechanical Engineering 1998-2008) - Erosion control

## 10. Other activities

- **Awarded as the BEST SCIENTIST in the field of Bio-technical Sciences – Ss. Cyril and Methodius University , 9.11.2019**
  - **Member of the Scientific council of Centre for Environment and materials, within Macedonian Academy of Science and Art (MANU) – 2014 –on-going**
  - **Member of the Council of WASWAC (World Association of soil and water conservation), 2017 – 2019**
  - **Member of the Expert’s council of the Minister of Environment and Spatial Planning of the Republic of Macedonia 1999-2001, 2008-2012**
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- Member of the working group for disaster mitigation; the 5<sup>th</sup> World water forum, Southeast regional meeting, July , 5-6 July 2008 Skopje
  - Member of the Standing working group for regional rural development for Southeast Europe – forest and water
  - Facilitator of working group for Water related hazards on the workshop held within the BALWOIS conference 2012
  - Member of the steering committee of UNDP – GEF small grants 2009–2015:
  - Reviewer of several projects related to spatial and landscape planning, land and water...
  - Reviewer of scientific papers in few journals
  - Reviewer of textbooks (Faculty of Forestry, Faculty of civil engineering, Interdisciplinary studies for environmental engineering..)
  - Member of editorial board of journals:
    - Macedonian Journal of Ecology and Environment, (Macedonian Ecological Society – Skopje) 2011 – on-going
    - Bulletin of the Faculty of Forestry (Glasnik Šumarskog fakulteta), Belgrade University, 2010 – on-going
    - Contribution – section of Natural, Mathematical and biotechnical sciences, Macedonian Academy of Science and Art, 2013 – on-going)
    - Journal of erosion and torrent control – 2012–
  - Reviewer in various scientific journals
- 
- Member of the International Scientific Committee on several scientific conferences
    - Congress of Erosion 2007 - Serbia;
    - III International congress of environmentalists - Ohrid 2007;
    - BALWOIS 2008 (Balkan Water Observation and Information System)
    - LANDCON (Land Conservation) 2009 – Serbia;
    - BALWOIS 2010 – Ohrid May 2010;
    - FIRST SERBIAN CONGRESS (Future with forests) – 2010, November 2010
    - 12th International Symposium on WATER MANAGEMENT AND HYDRAULIC ENGINEERING , Gdańsk, Poland, September 5–8, 2011
    - BALWOIS 2012,
    - LANDCON 2012
    - IV CONGRES of ECOLOGY – 2012
    - THE THIRD WORLD CONFERENCE OF WORLD ASSOCIATION OF SOIL AND WATER CONSERVATION - New challenges and strategies of soil and water conservation in the changing world sustainable management of soil and water resources, August 22-26, 2016 Belgrade/ Serbia
  - Member of the Scientific committee on domestic scientific conferences
- Key – note speaker on several conferences: 2003, 2007, 2016, 2018

**\* Mentor of 3 launched PhD candidate**

- PhD candidate – Lidija Simonovic Trpenoska – *GIS based modelling of gravitorial and hydrological hazards for spatial planning purposes ( region Ohrid), 14.2.2014*
- *Phd candidate – Dusica Trkovska – Angelkovc – Optimization of nonurban land usage for spatial planning purpose (Skopje region)*
- *PhD candidate – Ivan Mincev – Development of methodology for determining protective zones in reservoirs basins form erosion and sedimentation aspect (region : Bregalnica river basin) 5/5/2015*

**Mentor of 6 already launched MSc thesis**

- Saso Petrovski – Consolidation of fragmented land , UKIM, FFS, Skopje, 2010
- Daniela Irotova – Lazareva – Comparative analyze of geospatial factors during torrent flood by Susica and Radoviska Reka 2008, UKIM –FFS, Skopje, 2012 (study region Strumica river basin)
- Bozin Trendafilov -An investigation of forest fires impact on soil erosion risks,( *study region: Uupper Bregalnica*), Mediterranean Agronomic Institute – Chania, Greece – local mentor, 2012
- Tatjana Kojcevska – Methodology for conversion of erosion intensity (Study region: Bregalnica river basin and Radika river basin), Mediterranean Agronomic Institute – Chania, Greece – mentor 2014
- Vesna Dimishkovska Mircesvska – Delineation of landscape type using LANMAP methodology for the spatial planning purpose, 2016
- Slagana Georgievska – Delineation of actual and potential erosion areas within the administrative boundaries of the city of Skopje, 2018

**Member of commission** for evaluation of Master thesis –students from UKIM (Forestry faculty, and PhD candidates from the Faculty of civil engineering (2 candidate) and on the Belgrade University - Forestry Faculty - .(4 candidates).

Member of commission for evaluating candidates for professors in Skopje university and Belgrade university.

Mentor of more then 60 students for preparation of their diploma thesis in the field of erosion control, torrent control, land degradation and desertification; use of GIS techniques, other forest environmental issues...

## 11. Publications

Published papers in journals, proceedings of scientific conferences, book of abstracts

1	Blinkov I.,	An importance of forest to erosion protection and water regime , Symposium DTISDIM , - Skopje , proceeding , 1987
2	Blinkov I.,	Calculations on uncompleted hydrology data , Faculty of Forestry , Annual, 1993
3	Blinkov I.,	An adaptability of some distributions to calculation rainfalls data from 2 meteorological stations in RM , Faculty of Forestry , Annual, 1993
4	Blinkov I.,	An intensity of rainfalls with different return period and duration in R Macedonia, Sumarski pregled – Skopje , 1997
5	Blinkov I.,	An adaptability of USSCS method ( for maximal water discharge) to small currents in RM , International symposium 50 years - Faculty of forestry Skopje , Proceeding , 1997
6	Blinkov I.,	Negotinska Reka – Flood wave analyse dated on 6.07.1995 , - preliminary results, International symposium 50 years - Faculty of forestry Skopje , Proceeding , 1997
7	Blinkov I.,	Soil degradation as a result of inadequate land use , Conference on amelioration of degraded forest and forest land , Negorski Banji , 1998, Proceeding
8	Blinkov I., Trendafilov A., Gorgievski S.,	Mechanical pollution of the reservoirs in RM , I congress of environmentalist , Ohrid , 1998 , proceeding
9	Blinkov I., Vasilevski K.,	Looses of humus and nutrients as a result of erosion processes , I congress of environmentalist , Ohrid , 1998 , proceeding
10	Blinkov I.,	An influence of the rainfalls to intensity of erosion , International symposium G. Filipovski , Macedonian Academy on Science and Art , Skopje - 1999 ,
11	Blinkov I., Vasilevski K.,	Looses of humus and nutrients from the soil as a result of erosion processes in R Macedonia, International symposium G. Filipovski , Macedonian Academy on Science and Art , Skopje – 1999 ,
12	Blinkov I., Mitkova T., Petrovski P.,	Soil degradation , current attitudes toward it , prospects as regards concrete action projects in the Republic of Macedonia, The Soil Campaign, Prague Conference , SCEEC , NIS, CAC , Current State and Future Perspectives, Prague, The Czech Republic ,2000 – Proceeding , national report
13	Blinkov I., Petrovski P.,	State of land degradation and desertification in the Republic of Macedonia - UNCCD Workshop , Brussels , Belgium , 2000- Proceeding , National report
14	Blinkov I., Trendafilov A.,	Comparative analyse of applicability of some methods for water discharge estimation at small currents in the R Macedonia, 21 <sup>st</sup> Conference of the Danube Countries on the hydrological forecasting and hydrological bases of water management 2-6 September 2002, Bucharest, Romania , Proceeding
15	Blinkov I. Trendafilov A., Conevski T.,	Timjanicka River flood wave analysis at Negotino, July 6 <sup>th</sup> 1995 . 21 <sup>st</sup> Conference of the Danube Countries on the hydrological forecasting and hydrological bases of water management 2-6 September 2002, Bucharest, Romania , Proceeding
16	Trendafilov A. Blinkov.,	Siltation regime of artificial reservoirs in the R. of Macedonia 21 <sup>st</sup> Conference of the Danube Countries on the hydrological forecasting and hydrological bases of water management 2-6 September 2002, Bucharest, Romania , Proceeding
17	17. Blinkov I., Vasilevski K.,	Losses of humus and nutrients in the hilly-mountain regions - International Conference «Natural and Socio-Economic Effects of Erosion Control in Mountainous Regions» 10-13 December 2002, Belgrade/Vrujci Spa
18	18. Blinkov I., Trendafilov A.,	Effects of antierosion activities on the Vodno mountain - International Conference «Natural and Socio-Economic Effects of Erosion Control in Mountainous Regions» 10-13 December 2002, Belgrade/Vrujci Spa
19	Trendafilov A., Blinkov I.,	Erosion processes in the Republic of Macedonia International Conference «Natural and Socio-Economic Effects of Erosion Control in Mountainous Regions» 10-13 December 2002, Belgrade/Vrujci Spa
20	Blinkov I., Stojanovska M.,	Difference between land management in Macedonia and EU countries , International Conference «Managing of forest as a natural resources» 18-21 June 2003, Ohrid/Macedonia

21	Blinkov I., Trendafilov A.,	Forest management as a prime factor for balanced water regime, International Conference «Managing of forests as a natural resources» 18-21 June 2003, Ohrid/Macedonia
22	Blinkov I.,	Conditions of soil and water conservation and natural resources management, Conference about Soil and water conservation 1-3 July, 2003, Sofia, Bulgaria; Key-note Speaker
23	Blinkov I.,	Intensity of the extreme rainfalls in the Republic of Macedonia, Conference on Water Observation and Information System for Decision Support, BALWOIS, Ohrid, 2004
24	Blinkov I., Trendafilov A.,	Effects of erosion control works in some torrents in the Republic of Macedonia, Conference on Water Observation and Information System for Decision Support, BALWOIS, Ohrid, 2004
25	Blinkov I.,	A review and Analyzes of extreme discharges in Europe Conference Water management in RM with international participants, proceeding, Ohrid 2004
26	Blinkov I.,	Optimal method for estimation maximal discharge at small torrents in RM, International Conference Irrigation and Drainage, Skopje 2004
27	Blinkov I., Trendafilov A.,	Erosion processes in the catchment of the Kozjak reservoir, Conference Water management in RM with international participants, proceeding Ohrid 2004
28	Blinkov I., Trendafilov A., Vasilevski K.,	Land degradation in the Republic of Macedonia, Conference land degradation in the Balkan countries, Beograd 2004
29	Blinkov I., Stojanovska M., Trendafilov A.,	Forestry and Nature Conservation in the RM - Legislative and policy, IUFRO conference 11-15 may, 2005 Zlatibor, SCG
30	Blinkov I., Trendafilov A.,	Erosion control works in the Republic of Macedonia – country report International Conference “100 years erosion control in Bulgaria, 18-21 may 2005 Krdjali, Bulgaria
31	Blinkov I., Trendafilov A.,	Forestry and Nature Conservation in the Republic of Macedonia – Management, Legislative and Policy; - Country Report, INTERREG III C workshop, Sofia 2005
32	Blinkov I., Vasilevski K, Miladinovic M.,	An analyze of some particular conditions of the Republic of Macedonia referred to land degradation and desertification - (preliminary results); Youndula 2005, International Symposium, Hydrological Processes and Erosion Control
33	Blinkov I., Miladinovic M.,	Barriers to Sustainable Land Management in the Republic of Macedonia, Regional workshop on land degradation, Belgrade 2006
34	Miladinovic M., Blinkov I., Nikolov N.,	Drought and Forest Decline in a region vulnerable to desertification in RM, Conference on Water Observation and Information System for Decision Support, BALWOIS conference, Ohrid 2006
35	Blinkov I., V. A. Stanesku	Analyze of some extreme water discharges in Europe, Conference on Water Observation and Information System for Decision Support, BALWOIS conference, Ohrid 2006
36	Jagev V., Mincev., Blinkov I.,	Use of GPS and GPS technology for mapping some hydrological elements, Conference on Water Observation and Information System for Decision Support BALWOIS conference, Ohrid 2006
37	Blinkov I., Trendafilov A., Mincev I.,	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
38	Blinkov I., Trendafilov A.,	Granulometry and consolidation in few reservoirs 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
39	Mincev I., Blinkov I.,	GIS model for assessing water and sediment discharge based on the Gavrilovic methodology, International Conference «Erosion and torrent control as a factor in sustainable river basin management» 25-28 September 2007, Belgrade/Serbia
40	Blinkov I., Trendafilov A., Andonoska B.,	Comparison of the state of the erosion in some Balkan countries, III Congress of ecologists of Macedonia with international participation 6-9 October 2007, Struga / Macedonia
41	Blinkov I., Mincev I., Jagev V.,	GIS aided erosion risk analysis, III Congress of ecologists of Macedonia with international participation 6-9 October 2007, Struga / Macedonia
42	Velkovski N., Vasilevski K., Blinkov I., Trendafilov A.,	Natural regeneration of some domestic forest species on localities not covered with trees, III Congress of ecologists of Macedonia with international participation 6-9 October 2007, Struga / Macedonia
43	Blinkov I., Trendafilov A., Andonoska B.,	Comparison of erosion and torrent control works in some Balkan countries, International conference 60 years Faculty of forestry- Skopje, 24-26 October 2007, Ohrid/Macedonia
44	Trendafilov A., Blinkov I., Trendafilov B.,	Effects of erosion control works end their valorization, International conference 60 years Faculty of forestry- Skopje, 24-26 October 2007, Ohrid/Macedonia
45	Blinkov I., Mincev I., Trendafilov B., Jagev V.,	Basic GIS dataset necessary for different analysis in forestry, International conference 60 years Faculty of forestry- Skopje, 24-26 October 2007, Ohrid/Macedonia
46	Blinkov I., Mincev I., Trendafilov B.	Erosion risk analyses on the Vodno mountain and impact to the surrounding areas, BALWOIS conference, Ohrid 25-28.05.2008
47	Mukaetov D., Stavric V., Cukaliev O., Blinkov I., Donevska K.	National Strategy For Combating Desertification, Land Degradation And Droughts In Republic of Macedonia, BALWOIS conference, Ohrid 25-28.05.2008
48	Donevska K.,	Human Socio-Economic Activities As Factors Which

	Mukaetov D., Stavric V., Cukaliev O., <b>Blinkov I.,</b>	<b>Generate Desertification, Land Degradation And Droughts In The Republic Of Macedonia,</b> BALWOIS conference , Ohrid 25-28.05.2008
49	<b>Ivan Blinkov,</b> Donevska K.,, Mukaetov D., Stavric V., Cukaliev O.,	<b>Unsustainable Practices In The Management With Natural Resources As Factor Which Generate Land Degradation And Desertification In The Republic of Macedonia,</b> BALWOIS conference , Ohrid 25-28.05.2008
50	Milevski I., <b>Blinkov I.,</b> Trendafilov A.,	<b>Soil erosion processes and modelling in the upper Bregalnica catchment,</b> XXIVth Conference of the Danubian countries on the hydrological forecasting and hydrological bases of water management, 2-4.06.2008, Bled Slovenia
51	<b>Blinkov I.,</b> Cukaliev O., Mukaetov D.,	<b>Environmental challenges and research priorities in the Republic of Macedonia,</b> Working Group: Building capacity in Biotechnology for Research and application in a Changing Environment; Workshop on "Needs and priorities for Research and Education in Biotechnology applied to emerging Environmental Challenges in SEE countries" UNESCO-BRESCE July 8-10.2008 – Novi Sad, Serbia, proceeding
52	<b>Blinkov I.,</b>	<b>Water related natural hazards -</b> Conference "Water management in the Balkan countries", Skopje, October 2008
53	<b>Blinkov I.,</b> Mincev I.,	<b>Multyhazard mapping as a tool for effective risk management,</b> International Conference "Land Conservation" - LANDCON 0905 - 26-30.05.2009, Tara, Serbia
54	<b>Blinkov I.,</b>	<b>Digital Sensing and using GIS in environmental inspection/ Case study,</b> ECENA (Environmental Compliance and Enforcement network for Accession), exchange programme , Ohrid, Republic of Macedonia , June 30 -July 2, 2009
55	<b>Blinkov I.,</b> Trendafilov A., Milevski I.,	<b>GIS-based model for assessment of erosion factors,</b> International scientific symposium "Geography and sustainable development"22- 25.10. 2009 Ohrid , Macedonia
56	Trendafilov A., <b>Blinkov I.,</b>	<b>Erosion processes and landforms in the national park "Mavrovo",</b> International scientific symposium "Geography and sustainable development"22- 25.10. 2009 Ohrid , Macedonia
57	Milevski I., <b>Blinkov I.,</b> Trendafilov A.,	<b>Soil erosion processes and modelling in the Upper Bregalnica catchment,</b> , International scientific symposium "Geography and sustainable development"22- 25.10. 2009 Ohrid , Macedonia
58	<b>Blinkov I.,</b> Kostadinov S.,	<b>Applicability of various erosion risk assessment methods for engineering purposes,</b> BALWOIS conference , Ohrid 25-29.05.2010
59	<b>Blinkov I.,</b> Trpenoska-Simonovik L.;	<b>Contemporary approach for management of water related natural hazards in mountainous regions,</b> BALWOIS conference , Ohrid 25-29.05.2010
60	Trendafilov A., Trendafilov B., <b>Blinkov I.,</b> Milevski J. Todorovska S., Andreevski	<b>The Influence of Intensive Rainfall on Erosion Processes on Recently Reclaimed Land</b> BALWOIS conference , Ohrid 25-29.05.2010
61	Dragičević C., Milevski I., <b>Blinkov I.,</b> Novković I., Luković J.,	<b>Natural Hazard Assessment in Pčinja Catchment</b> BALWOIS conference , Ohrid 25-29.05.2010
62	<b>Blinkov I.,</b>	<b>Global warming and climate changes impacts on erosion processes (including erosion monitoring)</b> Globe workshop , Ohrid June 2010
63	<b>Blinkov I.,</b>	<b>Natural hazards in Ohrid region (on Macedonian),</b> tribune "To protect Ohrid coast from environmental damages" – keynote speaker, 4 June 2010, Ohrid, RM
64	<b>Blinkov I.,</b> Miovska M., Sokolovska K.,	<b>Protective Forests in the Republic of Macedonia – - country report-</b> GTZ-SWG - Technical discussion: "Implementation of a concept for Sustainable Forest Management (SFM) in protective forests across the South Eastern European Countries" Andrevlje , Serbia, 9-12 November 2010, GTZ-SWG
65	<b>Blinkov I.,</b> Bojcovski B., Trendafilov B., Trendafilov A., Mincev I.,	<b>Effects of forest fires on erosion processes,</b> First Serbian Forestry Congress (Future With Forests), 11-13 November, 2010., Belgrade , Serbia
66	<b>Blinkov I.,</b> Blinkova M.,	<b>Prespa Lake Watershed Management Plan (Project Presentation)</b> First Serbian Forestry Congress (Future With Forests), 11-13 November, 2010., Belgrade , Serbia
67	Lelova R., <b>Blinkov I.,</b>	<b>Digital cadastre of urban greenery – Case study municipality of Kavadarci</b> First Serbian Forestry Congress (Future With Forests), 11-13 November, 2010., Belgrade , Serbia
68	Lelova R., <b>Blinkov I.,</b>	<b>An Application of INSPIRE directive on municipality level , – Case Study Municipality Of Kavadarci</b> First Serbian Forestry Congress (Future With Forests), 11-13 November, 2010., Belgrade , Serbia
69	Trpenoska-Simonovik L.; <b>Blinkov I.,</b> Trpcevska-Angelkovik D., Trendafilov A.,	<b>Multi-hazard Mapping For Better Planning</b> First Serbian Forestry Congress (Future With Forests), 11-13 November, 2010., Belgrade , Serbia
70	Trpcevska-Angelkovik D., Trpenoska-Simonovik L.; <b>Blinkov I.,</b> Trendafilov A.,	<b>Planning of green areas in Skopje region</b> First Serbian Forestry Congress (Future With Forests), 11-13 November, 2010., Belgrade , Serbia

71	Irotova-Lazareva D., <b>Blinkov I.</b> , Kojcevska T., Trendafilov, A.,	<b>An overview to natural disaster happen on December 4th 2008 in the municipality of Radovis</b> First Serbian Forestry Congress (Future With Forests), 11-13 November, 2010., Belgrade , Serbia
72	Tacevska-Radović B., Trendafilov A., <b>Blinkov I.</b> ,	<b>Introduction in the process of the reclamation of the Govrlevo pit-mine</b> , First Serbian Forestry Congress (Future With Forests), 11-13 November, 2010., Belgrade , Serbia
73	<b>Blinkov I.</b> , Trpcevska-Angelkovik D., Trpenoska-Simonovik L.; Irotova-Lazareva D.,	<b>Analyses of some torrential floods in the Republic of Macedonia Case studies: Negotino 1995 and Radovis 2008</b> , Croatia–Japan project on Risk identification and land-use planning for disaster mitigation of landslides and floods in Croatia, 1st project workshop „international experience“, Dubrovnik (Croatia), 22-24 November 2010, proceeding
74	<b>Blinkov I.</b> ., Kostadinov S.,, Marinov I.,	<b>Comparison of Erosion and Erosion Control Works in Macedonia, Serbia and Bulgaria</b> , Twelfth International Symposium on Water Management and Hydraulic Engineering, WMHE 2011, 5-8 September 2011, Gdansk, Poland, book of abstracts
75	<b>Blinkov I.</b> ., Mincev I., Trpenoska-Simovic L.,	<b>An approach of multy-hazard mapping of water related hazards in hily and mountain regions applicable for spatial planning process</b> , Case studies: Skopje Region Croatia–Japan project on Risk identification and land-use planning for disaster mitigation of landslides and floods in Croatia, 2nd project workshop „international experience“, Rijeka (Croatia), 15-17 December 2012, proceeding
76	<b>Blinkov I.</b> ., Irotova-Lazareva D.,	<b>Impact of Land Use and Erosion on Radoviska Reka and Sushica Flooding in 2008</b> BALWOS CONFERENCE 2012 28 May - 2 June 2012, , Ohrid, Republic of Macedonia
77	<b>Blinkov I.</b> ,	<b>Applicability of “SCS” Method for Small Basins Peak Flow Calculation – Theoretical aspects</b> , BALWOS CONFERENCE 201228 May - 2 June 2012, , Ohrid, Republic of Macedonia
78	Kojcevska T., Gitas I., <b>Blinkov I.</b> ,	<b>Comparative Analysis of Landsat TM and Landsat MSS Data for Use in Mapping of Recently Burned Areas</b> BALWOS CONFERENCE 2012 28 May - 2 June 2012, , Ohrid, Republic of Macedonia
79	<b>Blinkov I.</b> ,	<b>An approach for conversion of erosion data produced by EPM method in weight measure</b> International Conference On Land Conservation – LANDCON 1209, Sustainable Land Management And Climate Changes, September 17-21, 2012, Danube Region/Serbia
80	Kojcevska T., Chalkias C., <b>Blinkov I.</b> ,	<b>Multicriteria spatial analysis for erosion risk on road network</b> International Conference On Land Conservation – LANDCON 1209, Sustainable Land Management And Climate Changes, September 17-21, 2012, /Serbia
81	<b>Blinkov I.</b> , Kostadinov S., Marinov I.,	<b>Comparison of Erosion and Erosion Control Works in Macedonia, Serbia and Bulgaria</b> , Journal ISWCR – International Soil and Water Conservation Research, vol.1, Nro.3 – December 2013, pp 15-28, Beijing, China, 2013
82	<b>Blinkov I.</b> ,	<b>New approach on environmental flow assessment of mountain streams in the Republic of Macedonia</b> , Journal Contributions Section of Mathematical and technical Sciences, , Macedonian Academy of Science and Art (MASA), 35(1),2014, pgs57-66
83	<b>Blinkov I.</b> ,	<b>Review and comparison of water erosion intensity in the Western Balkan and EU countries</b> Journal Contributions Section of Mathematical and technical Sciences, , Macedonian Academy of Science and Art (MASA), 36(1),2015, pgs.27-42
84	<b>Blinkov I.</b> ,	<b>The Balkans, the most erosive part of Europe</b> Journal Bulletin of the Faculty of Forestry 110, University of Belgrade - Faculty of Forestry, Belgrade, (09-20), DOI:10.2298/GSF1511009B
85	Spalevic, V., Blinkov, I., Trendafilov, A., Mukaetov, D., Djekovic, V., Djurovic, N. (2015)	<b>Soil erosion assessment using the EPM method: A case study of the Ramcina River Basin, Montenegro.</b>  International Conference on Soil, Tirana, Albania; 4-7 may, 2015.
86	<b>Blinkov I.</b> ,	<b>Contribution to solving erosion intensity on a basin scale through Measuring on plot, - Key-note speech</b>  The third world conference of World Association of Soil and Water Conservation - New challenges and strategies of soil and water conservation in the changing world sustainable management of soil and water resources, August 22-26, 2016, Belgrade/ Serbia
87	<b>Blinkov I.</b> , Trendafilov A., Mincev I.,	<b>Rapid diagnostic of the catastrophic event happened on 6<sup>th</sup> august 2016 in the Skopje region – initial findings</b>  The third world conference of World Association of Soil and Water Conservation - New challenges and strategies of soil and water conservation in the changing world sustainable management of soil and water resources, August 22-26, 2016, Belgrade/ Serbia
88	<b>Blinkov I.</b> ,	<b>Rapid diagnostic of the catastrophic event happened on 3<sup>rd</sup> august 2015 in the Polog region</b>  The third world conference of World Association of Soil and Water Conservation - New challenges and strategies of soil and water conservation in the changing world sustainable management of soil and water resources, August 22-26, 2016, Belgrade/ Serbia



89	<b>Blinkov I.</b> , (on behalf of CNVP and partners team)	'Study and Analysis of Innovative Financing for Sustainable Forest Management in the Southwest Balkans" – Watershed Case study, Project presentation, CNVP, The third world conference of World Association of Soil and Water Conservation - New challenges and strategies of soil and water conservation in the changing world sustainable management of soil and water resources, August 22-26, 2016, Belgrade/ Serbia
90	Popovska, C., Sekovski D., Barbalic D., <b>Blinkov I.</b> ,	Introducing Flood Risk Management: Institutional Models for the Republic of Macedonia Scientific Journal of Civil Engineering • Volume 5 • Issue 2 • December 2016, , JFRM-0129-16, 2017
91	Mincev I., Ivanovski D., Trendafilov A., <b>Blinkov I.</b> (2016),	Defining the erosion potential through methodologies based on analytical approach and measurements. 5TH CONGRESS OF ECOLOGISTS OF THE REPUBLIC OF MACEDONIA WITH INTERNATIONAL PARTICIPATION, Ohrid, Macedonia ,19th-22nd October 2016
92	Trendafilov A., Mincev I., Ivanovski D., <b>Blinkov I.</b>	Rates of filling up water reservoirs with sediment and where the sediment is deposited. Sustainable forestry-fact or fiction?. International scientific conference, 70 years Faculty of Forestry in Skopje, R. of Macedonia, Skopje 04-06.10.2017
93	Mincev I., Trendafilov A., <b>Blinkov I.</b> , Ivanovski D. (2017)	Soil erosion rates in two successive reservoir catchments: Spilje and Globocica reservoir. Sustainable forestry-fact or fiction?. International scientific conference, 70 years Faculty of Forestry in Skopje, R. of Macedonia, Skopje 04-06.10.2017
94	Kolevska D.D., <b>Blinkov I.</b> , Trajkov P., Maletić V.,	Reforestation in Macedonia: History, current practice and future perspectives, Journal REFORESTA (2017) 3:155-184
95	Popovska, C., Sekovski D., Barbalic D., <b>Blinkov I.</b> ,	„Flood Risk Management: Case Study on Institutional Models, Journal of Advanced Engineering, 2017 <a href="https://www.gudapuris.com/articles/10.31829-2576-8506.JAE.1.103.pdf">https://www.gudapuris.com/articles/10.31829-2576-8506.JAE.1.103.pdf</a>
96	<b>Blinkov I.</b> ,	Determining erosion intensity on a basin scale by measurements on plots <a href="https://www.schweizerbart.de/publications/detail/isbn/9783510654185/Soil_and_water_resources_protection">Advances in Geocology</a> , Volume 45) – monograph Soil and water resources protection in the changing environment, Ed.: Miodrag Zlatic; Stanimir Kostadinov, 2018. XV, 334 pages, 131 figures, 92 tables, US-ISBN: 1-59326-267-1, 17x24cm, 930 g, Language: English , ISBN 978-3-510-65418-5, pgs. 211–225 (2018) <a href="https://www.schweizerbart.de/publications/detail/isbn/9783510654185/Soil_and_water_resources_protection">https://www.schweizerbart.de/publications/detail/isbn/9783510654185/Soil_and_water_resources_protection</a>
97	<b>Blinkov I.</b> , Trendafilov A., Mincev I.,	Erosion hotspots in the Skopje region, International Scientific Conference - "90 Years Forest Research Institute -for the Society and Nature" – 24-26.10.2018
98	<b>Blinkov I.</b> , Trendafilov A., Mincev I.,	Action plan for erosion control in the Skopje region,( invited speaker), Scientific conferences : "Pollution of the cities in the Republic of Macedonia - what are the solutions?", Macedonian Academy of Science and Arts, 1-2 November , 2018 Skopje
99	Kosradinov S., <b>Blinkov I.</b>	Erosion and Torrent Floods in Western Balkan Countries, (Key – note speech), 1st Young Researchers' Conference - Erosion and Torrent Control ETC 2018 BELGRADE, 28-30 NOVEMBER 2018
100	<b>Blinkov I.</b>	Shorezone Functionality Index (SFI) - Case study – Prespa Lake (Key-note speech) , 1st Young Researchers' Conference - Erosion and Torrent Control ETC 2018 BELGRADE, 28-30 NOVEMBER 2018
101	Muaketov D., <b>Blinkov I.</b> , Poposka H.,	Dynamic of land degradation neutrality baseline indicators in the Republic of Macedonia Contributions, Sec. Nat. Math. Biotech. Sci., MASA, vol. 40 (1), pgs 39-52, MANU Skopje, 2019
102	Mincev I., <b>Blinkov I.</b> , , Trendafilov A.,	Sedimentation rates and lifespan analyses in the reservoir "Kalimanci" Contributions, Sec. Nat. Math. Biotech. Sci., MASA, vol. 40 (2), pgs 181-190, MANU Skopje, 2019

Almost all above papers on conferences were oral presented.

More then **20 papers** related to water regime, land degradation and desertification; landslides and landfalls, GIS techniques; other topics). published in domestic popular journals on Macedonian language (Nasi sumi, Vodostopanstvo na RM, Ekologija ).

**Other presentation on national and international events.** More then **300 presented papers**, various thematic on international or national events

## Relevant presentations on the latest international scientific conferences or workshops :

**Blinkov I., Cukaliev O. Mukaetov D.**, ELABORATION OF NAP – NAP LDD - FIRST FINDINGS, The First Stakeholder meeting related to the project : development of a NAP DLDD, 9-10.06.2014 Ohrid

**Blinkov I.**, Zennaro B., Zaimi K., Krstic S., Kostadinovski M., Mincev I., Kustereska R., , Elbasani O., Peci D., Simixhiu V., **Shorezone Functionality Index (SFI) – Prespa Lake**, CONSERVATION AND SUSTAINABLE USE OF BIODIVERSITY AT LAKES PRESPA, OHRID AND SHKODRA/SKADAR (CSBL), Meeting of the Regional Technical Working Group (TWG) – Water Framework Directive (WFD), FROM PLANNING TO ACTING TRANSBOUNDARY WATER MANAGEMENT REVISITED, 22 – 23 November 2016, Hotel Rogner (Antigonea 2), Tirana

**Blinkov I., Mukaetov D.**,  
Land degradation neutrality TSP Macedonia, Leveraging (2.2017), Assesment (2.2017),  
Status drivers (7.2017), Methodology for hot spots defining (7.2017), Baseline assessment (7.2017),  
LDN hot spots (12.2017), Detail analyse of reasons for LDN (12.2017),  
Proposed national voluntary targets for LDN (12.2017), Skopje

Blinkov I., WP1 – Analysis of soil erosion state and torrential floods in WBC – general aspects , SETOF Workshop – Belgrade 13-14 December 2018 (presented by Mincev I.)

Blinkov I., Mincev I. - Ss. Cyril and Methodius University – Faculty of Forestry – partner presentation, SETOF Workshop – Belgrade 13-14 December 2018 (presented by Mincev I.)

Blinkov I. Trendafilov A., Mincev I., **Analysis state of soil degradation/soil erosion in the Republic of North Macedonia**  
SETOF Workshop – Belgrade 15-17 May 2019 (presented by Mincev I.)

Blinkov I., **Erosion |Control and Protective Forests in the Republic of North Macedonia** ,  
Government of North Macedonia, Crises Management Center , Eco-system based Disaster Risk Reduction - ECO-DRR  
Workshop - Skopje 6.5.2019,

## Monographs (author of chapter)

- 1 - **Soil erosion in Europe, monograph**, Blinkov, Trendafilov - authors of chapter 1.24, 2007; Editors: John Boardman University of Oxford, UK; Jean Poesen, Katolieke University Leuven, Belgium ; Wiley and sons ,
- 2 - **Encyclopaedia Macedonica (Makedonska Enciklopedija)**, Main editor B. Risteski, MANU, Skopje, 2008, **Blinkov I.**, author of few benchmarks
3. **Advances in GEOECOLOGY Global Change - Challenges fro 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 - pgs 120-135
4. **Advances in GEOECOLOGY 43 – Challenges: Sustainable Land Management – Climate Change**, Edition: Advances in GEOECOLOGY, Editors: Miodrag Zlatic & Stanimir Kostadinov, Publisher: CATENA VERLAG GMBH Armelgasse 11, D-35447 Reiskirchen, Germany, Blinkov I - author of Chapter: An Approach for Conversion of Erosion Data Produced by EPM Method in Weight Measure, 2014
5. [Advances in Geoecology](#), Volume 45 – monograph Soil and water resources protection in the changing environment, Ed.: Miodrag Zlatic; Stanimir Kostadinov, 2018. XV, 334 pages, 131 figures, 92 tables, US-ISBN: 1-59326-267-1, 17x24cm, 930 g, Language: English , ISBN 978-3-510-65418-5, Blinkov I. author of chapter **Determining erosion intensity on a basin scale by measurements on plots** pgs. 211–225 (2018)

Prepared for publishing in 2020

Monograph - Degradation of Soil and Water Resources, , Editors in Chief: Rui Li, Ted L. Napier, Samir El-Swaify, Mohamed Sabir, Eduardo Rienzi, ch.28 - pgs. 510-536, Science Press, Beijing. Springer  
Blinkov I., Kostadinov S., Mincev I. Petrovic A., ch.28 - Soil Erosion and Torrent Control in Western Balkan Countries

## Textbooks/Scripts:

### Textbooks and manuals for students

1. **Blinkov I., - Soil Erosion and Control** , (textbook for students from the Interdisciplinary Studies of Environmental Engineering) , 300 pages, UKIM, FFS, Skopje , 2001
2. **Blinkov I., - Land Surveying I (452 pages)** - (textbook for students from the Faculty of forestry, UKIM, FFS, Skopje, 2007
3. **Blinkov I., Trendafilov B., Mincev I., - Application of modern geomatic techniques for erosion modeling –** on Macedonian language, textbook, 130 pgs, UKIM, FFS, 2011
4. **Blinkov I., - Manuel for preparation river basin management plans**, on Macedonian language, 105 pgs, MOEPP&UNDP, 2012

### Internal scripts and workbooks for students

- 1 - Blinkov I., - Basics of soil and water conservation - 225 pgs, internal script 2 - Blinkov I., - Topography - script - 52 pgs
- 3 - Blinkov I., - Land surveying – practicum, 60 pgs
- 4 – Blinkov I., - Descriptive geometry, practicum, 52 pgs, 2012
- 5 - Blinkov I., - Basics of soil and water conservation - 50 pgs, practicum, 2011
- 6 - Blinkov I., Land, water and natural hazard management , internal script, 2016
  - Part 1 – Land management, 86 pgs
  - Part 2 – Water management, 90 pgs
  - Part 3 – Risk/hazard management, 88 pgs

Prepared set of material (presentations from lectures, photosets..) for students for all courses on I and II cycle of studies

## Brochures:

- **Blinkov I.**, - *Contemporary approach for risk/disaster management and prevention against natural hazards in mountainous/forested regions* - bilingual brochure , 50 pages, Skopje 2008

- **Stojanovska M., Blinkov I., Miovska M., Mincev I.**, *FOPER project, Conflicts between forestry and environmental sector in the Republic of Macedonia* - on Macedonian language, 20 pgs, UKIM, FFS, 2009

t  
- **Blinkov I., Trendafilov A.**, special edition - *Bujicar nr.1 (Torrent control expert - 1t) - authors of the text (Basic Facts, natural and socioeconomic facts, Natural and cultural heritage, water resources, erosion and torrent control in the Republic of Macedonia)*, on Serbian language, 30 pgs, Beograd, 2009

Mitkova T., Markoski M., **Blinkov I.**, Gosevski D., - *Manual for reclamation of flooded areas*, 42 pgs, Ss. Cyril and Methodius University, Faculty of Food and Agriculture, Faculty of Forestry, Skopje, 2017

## Printed project reports

1 – *Prespa Lake watershed management plan 2011-2017* ,

Blinkov I + 22 other UNDP & MOEPP, 2012

2 - *Natural Resource Management in Southeast Europe: Forest, Soil and Water*. In: Dragovic N., Ristic R., Pülzl H., B. Wolfslehner (eds.) (2017) : Overview of the Natural Resource Management in the Republic of Macedonia, Chapter B4, p. 167-198. Blinkov I and Stojanovska M.,

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Skopje; ISBN: 978-608-4536-07,

3. *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*, 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, 2017

4. *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*

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, 2017

## 11. Professional experience - List of projects with details of the most relevant

1. "Erosion map of Macedonia" (filed collaborator) (1987- 88)
2. "Study of erosion in the catchment area of reservoir Orizari," (1987-8)
3. Forest Managing Plan for FMU "Bregalnica" , (1988)
4. Cadastre of torrent in the catchment area of Prespa lake – filed work (1989)
5. "Cadastre of springs of Macedonia" – filed work - 1988\
6. Regional road " Rastes-Gurgurnica-Lukovica" – 18,3 km , Final Design , 1989-91
7. "An influence of the climate, relief and vegetation cover to the erosion intensity" (1989 – 91)
8. "An influence of the climate, relief and vegetation cover to the erosion intensity and losses of humus and nutrients", 1992-4
9. Forest road network in the RM, 1993-95
10. Forest Managing Plan "Luke – Dubrovica", 1995-6
11. Forest Managing Plan "Rankovecki sliv "1995-6
12. "An influence of some soil types, grass associations and inclination to the erosion intensity in Central and Eastern Macedonia", 1996-8
13. Water supply system – "Nikulane-Nagoricane" , Final Design, 1998-9
14. Water supply system – "Karabicane" , Final Design, 1999
15. Torrent management design "Raskrnicki potok" – Dojran , Final Design, 2000
16. Pipeline – "Zeglane-Malotino" , Final Design,2001
17. Hotel – "Narodna Banka-Mavrovo" , drainage system , Final Design, 2000
18. Forest Management Plan "Park Suma– Meteoroloska Stanica - Vinica" , Final Design, 2000
19. Regional Water Supply system – "Cucer - Sandevo" , Final Design, 2000
20. "Optimal constructive elements of forest roads from technical , economical and environmental aspect", 1998-01
21. Communal landfill "Novo selo"- Strumica, final design, 2001
22. Mine "Berovic" , Final design , 2001
23. "An effect of erosion control measures in some torrents in RM", 2000-3
24. "An influence of An influence of forest cover to run-off ", 200-03, team leader
25. Local way to faculty land Trubarevo ( 1.1.km) , final design, 2002
26. Horticultural plan of faculty garden - final design, 2002
27. "Study of erosion in the catchment area of reservoir "Kozjak," , 2002
28. "Spatial Plan for region of Treska " – study on erosion and torrents, 2002
29. "National Capacity Self Assessment of Environmental Sector of Republic of Macedonia, Sector Land degradation and Desertification", 2004-5
30. "Revitalization of Ohrid Lake, Project: Biological erosion control works in the catchments,2004, team leader
31. "Spatial Plan for region of Prespa-Ohrid-Struga " – Study on erosion and torrents, 2005, team leader,2004
32. "Preparation of National Action plan for Combating Land Degradation, Drought and Desertification", 2004
33. Forest management Plan "Pelister", 2004-5,
34. Horticultural plan of the object Trnodol, 2006
35. "Study of erosion in the catchment area of reservoir Lisice, with concept erosion and torrent control measures, 2006
36. "Development of a regional (MKD, SCG, BG, TUR) PDF-A project on Sustainable Land Management: Community based rehabilitation of degraded land in Balkan mountains)," national team leader, 2006
37. "Development of a GEF-PDF-A project on Sustainable Land Management" , 2006
- 38. RIMADIMA (Risk Management, Disaster Management and Prevention against Natural Hazards in Mountains/Forested regions), 2006-2008, EU-INTERREG, UIIM-FF+11 partners, national team leader**  
*(preparation various methodologies, ; preparation studies; preparation reports; author/co-author of 16 separate studies, development of GIS database, GIS based modelling risk/hazard maps other)*

39. "Spatial Plan for the region of Skopje"- study of forestry, urban greenery and erosion, 2009
40. Plan for reclamation of the FENI waste disposal site, 2008,
41. "Strengthening capacities of Forest Policy and Economics education and research at Western Balkan (FOPER)", 2004-2008;
42. "Conflict management between forestry and environmental sector", Western Balkan regional, national team leader, 2008
43. "Preparation of studies for re-valorisation of natural values of "Matka canyon" natural monument, part: erosion and torrents, 2009
44. "Preparation of studies for re-valorisation of natural values of "Tikves" strict nature reserve", part: erosion and torrents, 2009
45. "Environmental protection, economic development and promotion of eco/sustainable tourism in the National Park Mavrovo" , part: erosion and torrents, 2009
46. EIA (Environmental Impact assessment study" - railroad Kicevo - Ohrid, part erosion, 2009
47. "Preparation of studies for re-valorisation of natural values of protected area "Jasen, erosion, 2010
48. "Investigation Study on Hydrology, Hydrogeology & Biodiversity in the Vicinity of Usje Cement Plant Area with Focus on the Lakes in the Marl Quarry", 2010
49. Study- Develop of GIS database and various spatial analyses necessary for project for detail geological survey for mineral material – granite on the locality Caniste, 2010
50. Study- Develop of GIS database and various spatial analyses necessary for project for detail geological survey for mineral material – limestone on the locality v. Trojaci, 2010
51. Study- Develop of GIS database and various spatial analyses necessary for project for detail geological survey for mineral material – diabase on the locality Udovo, 2011
52. "Investigation of the soil erosion as a relevant factor for desertification processes, through methods, used in Bulgaria and Macedonia; *bilateral programme Macedonia & Bulgaria*" , national team leader, 2009-2011

**53. Development of Prespa Lake Watershed Management Plan, GEF – UNDP, 2009-11**

*LWM plan - Syntetic plan - 100 pgs. - one of 22 authors*

[http://www.undp.org/content/dam/the\\_former\\_yugoslav\\_republic\\_of\\_macedonia/docs/Prespa%20Watershed%20Management%20Plan.pdf](http://www.undp.org/content/dam/the_former_yugoslav_republic_of_macedonia/docs/Prespa%20Watershed%20Management%20Plan.pdf)

- Technical Report 1 – Data collection and analyses of existing conditions - 174 pgs. This report was prepared and organized by grad eng. Teodor Conevski, prof. d-r Ivan Blinkov and prpo d-r Svetislav Krstic in collaboration with other authors and contributors.

- Technical report – Part II - Identification of the major watershed management issues in Prespa Lake Watershed – 267 pgs. This report was prepared and organized by prof. d-r I. Blinkov and prof. d-r S. Krstić in collaboration with other authors and contributors.

- Technical report – Part II – Annex – ID card of water bodies – 81 pgs

Annex was prepared and organized by prof. d-r I. Blinkov and prof. d-r S. Krstić in collaboration with other authors and contributors.

- Technical report - Part III - GAP Analyze and Programme of Measures – 75 pgs

- Technical report - Part IV - Public consultation process – 44 pgs

Prepared by Blinkov I. and Stavric V.,

- Technical Report V – Initial expert opinion related to protective zones - 20 pgs + GIS based analysis and maps, (Prepared by Blinkov I in collaboration with Krstic Cukaliev and Mincev.)

- **Manual for preparation river basin management plan – 95 pgs.**

Author: Blinkov I., (contributors and reviewers Krstic, Cukaliev, Kocovski, Stavric)

[http://lakeprespa.mk/content/Publications/UNDP\\_IEMPLB\\_PPPURS\\_MK\\_LO.pdf](http://lakeprespa.mk/content/Publications/UNDP_IEMPLB_PPPURS_MK_LO.pdf)

54. "Strengthening regional cooperation/networking in the forestry and water management sector and sustainable development in the river basins of the South-Eastern Europe countries", national expert, 2011
55. "Survey for Water abstraction area rivers Sapundjica, Lak Potok and Crvena Reka of Public Communal Enterprise Bitola – Zones of water Protection" –2011-2
56. "Support the implementation of Directives for floods in Republic of Macedonia in the frames of cooperation in the areas in Flanders and Central and Eastern Europe, Support the implementation of Directives for floods in region Municipality of Radovis-" 2012
57. "Consultant services to undertake a study and analysis of innovative financing for sustainable forest management in the southwest Balkans" – I phase 2011 – 2013; Case study Watershed management –

**Albania”, WB-PROFOR , scientific team leader**

*(Organizing whole scientific/expert work; preparation methodology for: erosion and runoff monitoring and modelling; methodology for lake bathymetry; methodology for erosion mapping and sediment calculation; author/co-author of 12 studies/reports; GIS database and modelling; Presentation results ; Dissemination main findings)*

**58. “Consultant services to undertake a study and analysis of innovative financing for sustainable forest management in the southwest Balkans” –II phase 2011 – 2014; Case study Watershed management – Albania”, WB-PROFOR, scientific team leader**

*(Organizing whole scientific/expert work; preparation methodology for: erosion and runoff monitoring and modelling; methodology for lake bathymetry; methodology for erosion mapping and sediment calculation; author/co-author of 12 studies/reports; GIS database and modelling; Presentation results ; Dissemination main findings)*

59. “Application of geoinformation techniques for development of data model of urban greenery with focus on plant diseases”, 2014

60. “Hydrogeological study in the Prespa Lake watershed”, 2014

61. “Spatial plan of the Eastern region” - part forestry and erosion, team leader, 2014-5

**62. “Development of a National Action Plan to combat Drought, Land degradation and desertification (NAP DLDD)” ; GEF – UNEP 2014-7**

*(Baseline analyses, gaps identifications, defining goals and objectives preparation measures and activities, preparation dynamic plan; - Areas: forestry, water management, natural hazards management, and land degradation types (erosion, sealing..), GIS*

63. “Forest ecosystem services and risk of post-fire erosion processes in the Maleshevo region”, 2014-5

**64. “WB FLOODS - Gap analysis and needs assessment in the context of implementing EU Floods Directive in the Western Balkans “, EU DGNEAR – COWi, national expert, 2015**

*(preparation national report related to floods ; - preparation national GIS database related to hydrology especially flood related issues)*

65. “Main design for greening of the road belt – Express road A3, Kosel-Ohrid-Border Albania Section: Pestani-Sv.Naum” team leader, 2015

**66. Support to Introducing the Flood Risk Management Requirements in Accordance with the EU Floods Directive, UNDP, UKIM FCE, 2015**

*(preparation analysis related to erosion and torrents and floods, national risk/disaster system)*

67. Rapid Assessment of the Effects of Flash Floods in the Polog Region - An overview of causes and proposed recovery measures, UNDP - 2015

68. Soil management plan - railroad Kicevo - Ohrid, team leader, 2016

69. “Ecologically friendly techniques for decrease of extreme erosion processes on burned forest area” , 2016

**70. Development of Prespa Lake Watershed Management Plan 2” 2016-2021- Deputy team leader, GEF – UNDP, 2015-16**

*(preparation various technical reports, preparation sybtetic plan..)*

71. Erosion and Sedimentation Control Plan for Project: Construction of GRADSKO-PRILEP EXPRESSWAY, Section Farish- Drenovo, km 0+000 - km 10+197, RUBAU construction, 2016

72. Spatial Plan for the National Park “Pelister, 2016

73. Management of forest, water and soil within the framework of environmental and rural development policies in South East Europe, GIZ – SWG, 2016

- 74. "Shorezone Functionality Index – SFI, Establishing of Hydromorphology and Vegetation of Lakes Prespa and Ohrid", national team leader, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GIZ - 2016-7**  
*(Hydromorphological Data Collection and Analysing, Participation in field evaluation of SFI elements , Cooperation with Contrepartie Teams ;Preparation full national reports for both lakes ; Preparation transnational report for Prespa Lake ; Presentation of résultats*
75. Environmental and Social Impact Assessment Railway Corridor VIII - Eastern section" – part – Soil, 2017
- 76. Study of erosion and action Plan for the City of Skopje, team leader , 2017-8, UNDP – city pf Skopje, UKIM – FF, team leader**  
*(Filed mapping erosion parameters, Preparation new methodology; d Modelling erosion hazard and risk; Preparation Action Plan)*
- 77. Land Degradation Neutrality Target setting Programme – country report, UNEP, 2017**  
*(Preparation Leverage plan; Preparation LDN Baseline, dynamic of LDN factors; Analyse of LD trends and drivers Preparation National Voluntary Targets)*
78. Study for valorisation of natural values of Shara Mountain, 2017-19
79. Review of the Vodno erosion and flash floods protection system, UNDP – city pf Skopje,2018 , team leader
80. LEAP – Local Environmental Action Plan 2019-2025 for Debrca Municipality , 2019
81. Identification and evaluation of indicators and parameters related to the danger of erosion required for the process of analysis of the state of ecosystems in the Republic of Macedonia, MED, 2019
- 82. "Generating momentum on water and forests in the Balkans" Target countries - North Macedonia and Albania, 2019 – 2020, Deutsche Bundesstiftung Umwelt (DBU) trough Research Institute for Forest Ecology and Forestry (FAWF), Germany, CNVP , key expert**  
*(Develop of GIS based expert systems (GIS DSS) on influence of forest ecosystem on runoff and soil protection towards current silviculture strategy in the establishment, qualification, sizing and maturing phase of the existing forest stands and existing network of forest roads . Gap analysis on compliance of national forest legislation with EU directives and policies on forests, water and climate change; Training on requirements for sustainable natural forest management, (economic importance of forests, ecosystem services, forests and forest management for climate protection, protection of water quality, flood generation erosion), emphasising significance of differences in forest types to reduce flood and erosion risks and to adapt current planning practices. Creation of online guide for forest planners.)*
83. Forest with high natural values in North Macedonia, MED, 2019
84. Plan for afforestation on Vodno Mountain, City of Skopje, UKIM – FF, 2019-2020
- 85. Soil Erosion and Torren Flood Prevention: Curriculum Development at the Universities of Western Balkan Countries/SETOF - EU ERASMUS +10 partners, national team leader, 2019 –**  
*(• Improvement of land protection from soil erosion and prevention of torrential floods in WB;  
 • Improvement of existing curricula and develop and implement new master curricula in the field of prevention from torrential floods, in compliance with the Bologna Declaration and EU good practices;  
 • Implementation of the improved knowledge for practical solutions to prevention against torrential floods through project designing and execution )*
- 86. "Achieving Biodiversity Conservation through Creation and Effective Management of Protected Areas and Mainstreaming Biodiversity into Land Use Planning" -**  
**project component 3.1.1.1. Preparation of soil erosion and drought vulnerability map, and identification of high-risk zones and their impact to biodiversity, GEF-UNEP-BSDF Project, , team leader, 2019 –**  
*(Leading the team who work on modelling erosion intensity according to two methods EPM and USLE, Defining in detail methodology for GIS modelling, Field assessment of erosion intensity in the region prone to desertification)*
87. Main design for regulation of Bogovinska Reka, UNDP – GIM, 2020 –



