



SETOF

Soil Erosion and TOrrential Flood
*Prevention: Curriculum Development at the
Universities of Western Balkan Countries*

Partner presentation

P8 – Ss. Cyril and Methodius University in Skopje (UNSCM)

Faculty of Forestry

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Ss. Cyril and Methodius University in Skopje (UKIM)

<http://www.ukim.edu.mk>

- 2400 teaching and research staff;
- >50 000 students

Co-funded by the
Erasmus+ Programme
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UKIM Structure

- Faculty of Forestry is a part of the state owned Ss. Cyril and Methodius University (UKIM) in Skopje (the oldest university in the Republic of Macedonia – established 1949).

UKIM consists of :

- 23 faculties (whole scientific fields)
- 5 institutes

- 4 public scientific institutes
- 1 other high education organization
- 7 other organization

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- **FACULTIES**

- ["Blaze Koneski" Faculty of Philology](#)
- [Faculty of Agricultural Sciences and Food](#)
- [Faculty of Architecture](#)
- [Faculty of Civil Engineering](#)
- [Faculty of Computer Science and Engineering](#)
- [Faculty of Dentistry](#)
- [Faculty of Design and Technologies of Furniture and Interior](#)
- [Faculty of Dramatic Arts](#)
- [Faculty of Economics](#)
- [Faculty of Electrical Engineering and Information Technologies](#)
- [Faculty of Fine Arts](#)
- [Faculty of Music](#)

- ◆ **FACULTIES**

- ◆ [Faculty of Forestry](#)
- ◆ [Faculty of Mechanical Engineering](#)
- ◆ [Faculty of Medicine](#)
- ◆ [Faculty of Natural Sciences and Mathematics](#)
- ◆ [Faculty of Pharmacy](#)
- ◆ [Faculty of Philosophy](#)
- ◆ [Faculty of Physical Education, Sport and Health](#)
- ◆ [Faculty of Technology and Metallurgy](#)
- ◆ [Faculty of Veterinary Medicine](#)
- ◆ [Iustinianus Primus Faculty of Law](#)
- ◆ [St. Kliment Ohridski Faculty of Pedagogy](#)



INSTITUTES

- [Institute of Agriculture](#)
- [Institute of Cattle-breeding](#)
- [Institute of Earthquake Engineering and Engineering Seismology](#)
- [Institute of Economics](#)
- [Institute of Sociological, Political and Juridical Research](#)

PUBLIC SCIENTIFIC INSTITUTIONS

- ◆ [Institute of Macedonian Literature](#)
- ◆ [Institute of National History](#)
- ◆ [Krste Misirkov Institute of Macedonian Language](#)
- ◆ [Marko Cepenkov Institute of Folklore](#)

OTHER HIGHER EDUCATION INSTITUTIONS

- ◆ [St. Clement of Ohrid Faculty of Theology in Skopje](#)

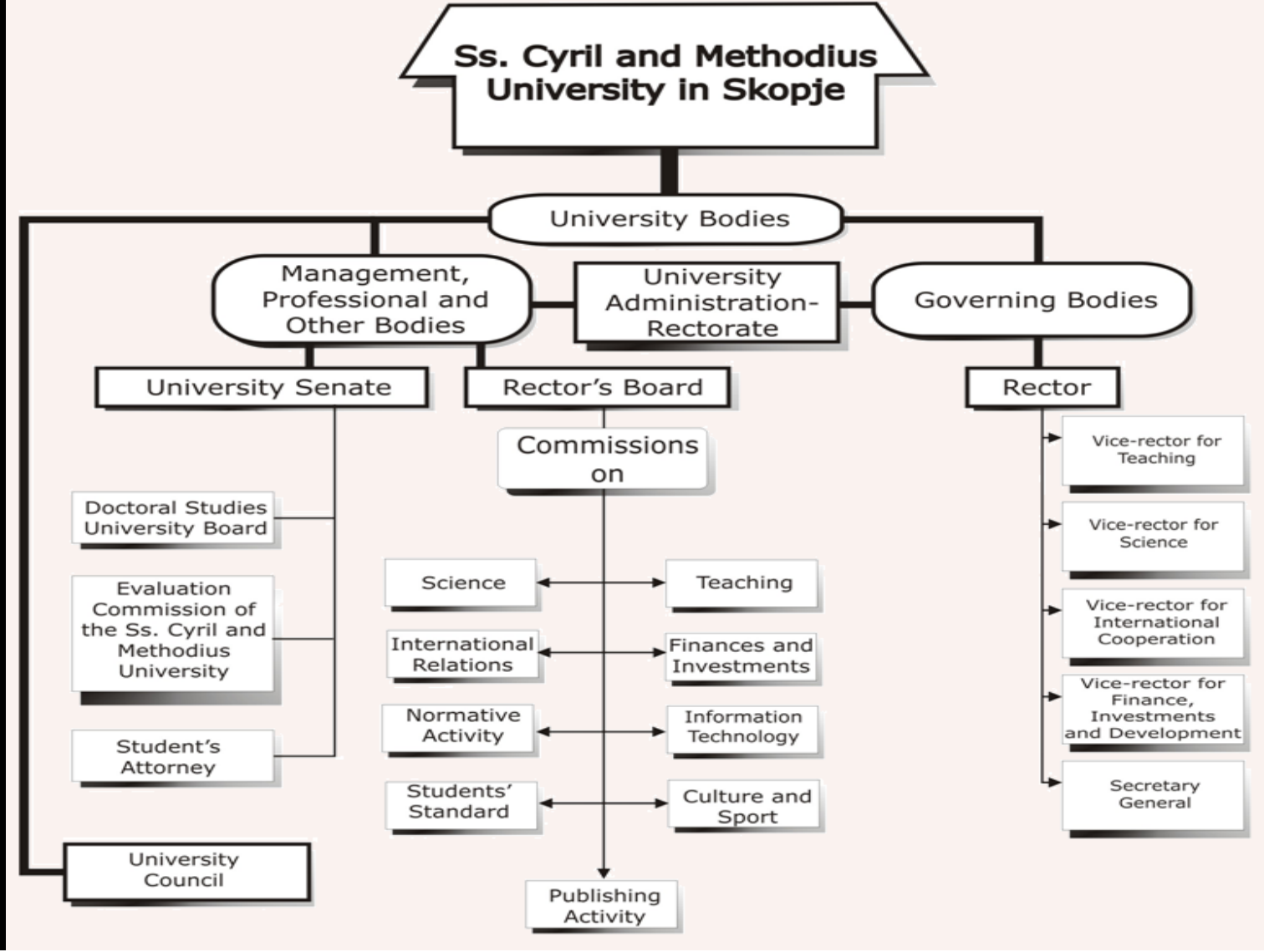
OTHER ORGANIZATIONS

- ◆ [Health institution – Students' Out-patient Clinic of the UKIM in Skopje](#)
- ◆ [Mirče Acev Academic Cultural and Artistic Association in Skopje](#)
- ◆ [Pelagonija Public student dormitory in Skopje](#)
- ◆ [Skopje Public student center in Skopje](#)
- ◆ [St. Kliment Ohridski National and University Library](#)
- ◆ [Student Sports Association of the Ss. Cyril and Methodius University in Tome Stefanovski – Senik Public student dormitory in Skopje](#)





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RECTOR OFFICE

- **The Rector is a managerial body of the University. The rector represents and stands proxy for the University in the country and abroad. The rights, duties and responsibilities of the rector are stipulated by the University Statute.**
- **UKiM has 4 vice-rectors for:**
 - **teaching,**
 - **science,**
 - **international cooperation and finance,**
 - **investments and development.**

The vice-rectors' rights, duties and responsibilities are stipulated by UKiM Statute.

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RECTOR'S BOARD - 34 member

- Rector - 1, vice-rectors - 4, Deans - 23, Directors of institutes -5,
President of Student Parliament - 1

UNIVERSITY SENATE - 68 members

- Rector- 1; 46 represents from faculties, 9 from institutes; 10 – students, 2
other institutions within UKIM

- Commissions; Boards etc.





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FACULTY OF FORESTRY



the only scientific-
educative institution
for forestry in
the country

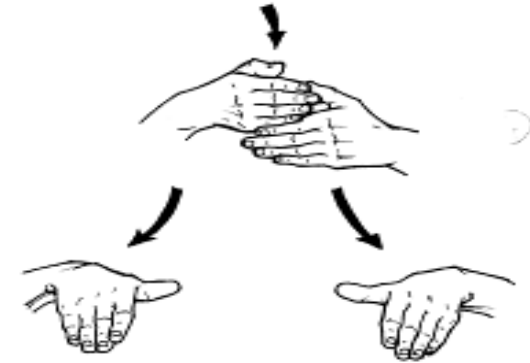
<http://www.sf.ukim.edu.mk/>



History

- **Institute of Forestry** was established in **1944**
- **Faculty of Forestry** as a part of Agricultural-Forestry Faculty was established in **1947**.
- **The Ss. Cyril and Methodius University** in Skopje was founded in **1949** with the following faculties: Agricultural – Forestry; Natural Sciences and mathematic; Philosophy, Faculty of medicine





- In **1975**, with a decision of the National Assembly, the Faculty of Agriculture and Forestry was transformed and reorganized into two independent institutions: the [Faculty of Agriculture \(Food and agriculture faculty, today\)](#) and the **Faculty of Forestry**.
- In 1976, the Faculty of Forestry **merged with the Forestry Institute in Skopje**, and became its legal successor.
- In 2011, Department of wood industry separated from the Forestry faculty and the [Faculty of Design and Technology of Furniture and Interior](#) was established.
- In the following period the Faculty passes through more organizational reforms and developmental stages (1954, 1964, 1975, 1977, 1990, 1998, 2004 and 2011, 2013).



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Governance

- Dean office
Dean; 2 vice-deans
- Faculty board
- Educational –scientific council
- Commissions



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- The Faculty of Forestry in Skopje at the Ss. Cyril and Methodius University in Skopje includes the following **units**:
 - Forest Genetics and Tree Improvement
 - Botany and Dendrology
 - Seed Science and Forest Stands
 - Silviculture
 - Forest and Wood Protection
 - Game Management
 - Forest Techniques and Operations
 - Land and Water
 - Forestry Economics and Organization
 - Forest Management
 - Landscape Design





Study Programs

- Forestry study program existed from the beginning and encompasses all topics related to forestry (and wood technology in the beginning).
- Following world trends related to forest education in the year 1999 started 2 study programs:
 - Forestry
 - Landscaping and Environment promotion
- In 2004, all undergraduate academic programs introduced ECTS (European Credit Transfer System).
- In 2006, the ECTS was introduced in the postgraduate academic programs.





Current study programs - from 2018

4 + 1 + 3 years

- I cycle: Bachelor degree (BSc) – 240 ECTS
- II cycle: Master degree (MSc) – 60 ECTS
- III cycle: Doctoral degree (PhD) – 180 ECTS

- **BSC – Graduate engineer for**
 - - Forestry
 - - Landscape design
 - - Eco-engineering and eco-management

- **MSc - Master of**
 - - Forestry
 - - Landscaping and environment promotion

- **PhD – doctor** –new curricula is under construction





Study programmes focus on:

- **Forestry** – seed/nursery production, plantation, silviculture, protection, harvesting, transport, inventory, forest management planning, game management, forest policy and economy
- **Landscape design** – decorative plant production and protection, garden/park designing, garden/park establishment; urban greenery maintenance
- **Eco-engineering and eco-management** – land and water environmental engineering and protection, natural resources management, protected area management, landscape and spatial planning, environmental analyses, environmental policy and economy.





Current number of students

- Quotes depend on a Governmental bodies decision

- Current quotes for new academic 2017/18

- - FOR – 50 + 5 + 5
- - ECO - 30 + 5 + 5
- - LD - 40 +5 +5
- Total – 150 students (last year 30)





Students

- Low interest for Forestry Faculty
- After graduation many migrate abroad
- A lot of student prefer private universities and other faculties (trend between young people)
- High quotes for faculties of humanitarian sciences and Faculty of infommatics and computer sciences (trend)
- Decrease in quality of enrolled students





Connection with employment

- Mostly public sector
- Status: Involvement of politics in employment of inappropriate staff (agronomist, wood technology engineers, economist..) even on the most professional positions.
- Part of graduate students can not find employment in the sector and go foreign or work in other sector in very low positions (for primary or secondary school)





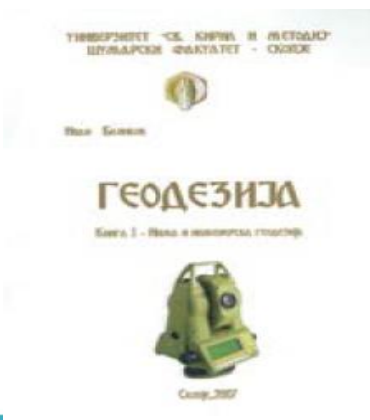
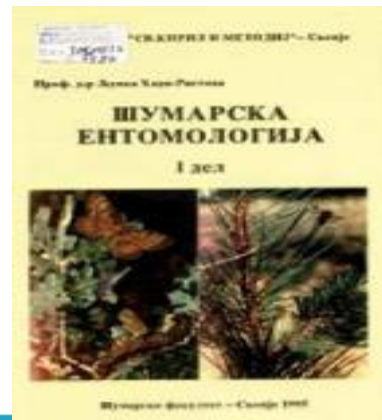
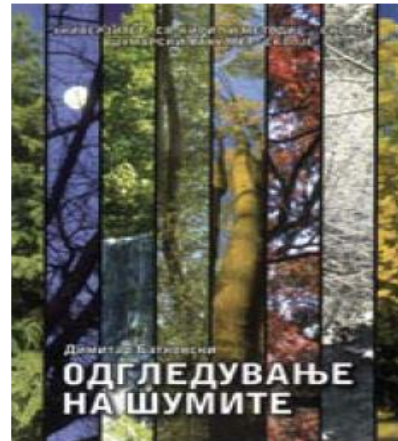
HIGH COSTS for MAINTENANCE OF COLLECTIONS and LABORATORIES





Textbooks/manuals

- Only 10 textbooks after 2000. Prepared material (internal scripts) for almost all disciplines but due to lack of finances not printed.





Staff

- **Current teaching and research staff : 19**

16 full professors , 1 associate professor and 2 assistant professors,
1 laboratory assistant

no teaching assistants

- Administrations staff: 5

- Other staff: 3

- Teaching and research staff in 1987 (**23** professors and **6** assistants = **29** plus 8 laboratory associate)

- Huge decrease of scientific-educational staff.

Stagnancy instead of development





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Thank you for your attention!!!

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