



## PROGRAM

### 14<sup>th</sup> Student Scientific Conference “Ecology and environment”

April 24, 2026

- 09:00 – 10:00 **Registration**, hall 202
- 10:00 – 10:15 **Opening ceremony**, hall 202
- 10:15 – 11:00 **Academic lecture:** More than reproduction: same-sex and alternative strategies for survival in nature, doc. med. Chavdar Chernikov, hall 202
- 11:00 – 11:45 **Section “Biodiversity”**, hall 202
- 11:45 – 13:00 **Lunch break**
- 13:00 – 13:45 **Section “Urban ecology”**, hall 202
- 13:45 – 14:30 **Section “Ecology and fashion”**, hall 202
- 14:30 – 15:30 **Poster sessions**, lobby on the third floor
- 15:30 – 16:00 **Awarding ceremony and Closing Remarks**, prof. Ts. Ivanova, D. Science, hall 202



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### Section “Biodiversity”

(Oral presentations)

Moderator: prof. dr. Nikolay Natchev

**OP1** Supplement to the chorology of rare plant taxa from karst habitats in Eastern  
11:00 – 11:15 Bulgaria // Desislav Dimitrov, Lidya Taneva

**OP2** Behavioral interactions between newts (*Triturus dobrogicus*) and predatory fish  
11:15 – 11:30 (*Perccottus glenii*): an experimental approach // Daniela Mihova, Stoyan Mihov,  
Nikolay Natchev

**OP3** Record of an adult melanistic specimen of *Vipera ammodytes* from North East  
11:30 – 11:45 Bulgaria // Pavlina Marinova, Valentin Yanev, Vladimir Gochev, Nikolay Natchev

### Section “Urban ecology”

(Oral presentations)

Moderator: assoc. prof. Darina Bachvarova

**OP4** Nature Based Solutions in Urban Environment // Pavel Krachunov  
13:00 – 13:15

**OP5** Assessment of the need for a low-emission transport zone in the municipality of  
13:15 – 13:30 Varna // Boryana Pavlova

**OP6** Research on water from fountains near Varna over the last fifteen years // Ivan  
13:30 – 13:45 Popov



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### Section “Ecology and fashion”

(Oral presentations)

Moderator: assoc. prof. Zheni Dimitrova

**OP7** Fast Fashion: The Hidden Cost to Nature// Arzu Ahmed, Dariya Petrova, Veselin  
13:45 – 14:00 Zhechev

**OP8** Chemical Foundations of Cosmetics // Siyana Hristova, Kristina Ankova, Nilyay  
14:00 – 14:15 Mustafova

**OP9** What is BoNT – poison, drug or chemical warfare agent? // Maria Atanasova,  
14:15 – 14:30 Sevginar Ibryamova, Siyana Valkova

### Poster section

Moderator: assoc. prof. Sevginar Ibryamova  
lobby on the third floor

### Section “Ecology and agriculture”

**P1** Some complex traits of fruits of apples cultivar ‘Florina’ depend on the type of the eco-friendly farming systems // Mariya Atanasova, Vanya Koleva, Lyudmila Naneva, Ahmed Eyubov, Sezer Mumun, Asya Dragoeva, Zheni Dimitrova

**P2** Ecological Impact of Natural and Artificial Fertilizers // Siana Aleksandrova

**P3** The effects of apple extracts on blood cells depend on the type of the eco-friendly farming system // Mariya Atanasova, Vanya Koleva, Asya Dragoeva, Zheni Dimitrova, Seliha Lyoteva



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### Section “Environmental ecology”

- P4** The wood wide web – plant communication through mycorrhiza // Kristian Kolev
- P5** Assessment of Microplastic Pollution in *Barbus barbus* from the Bulgarian Section of the Danube River // Polina Todorova, Pavlina Marinova, Sevginar Ibryamova, Darina Bachvarova, Nikolai Natchev, Tsveteslava Ignatova-Ivanova
- P6** Distribution of invasive invertebrates and freshwater fish species within the Black Sea basin district // Lidiya Taneva, Georgi Kolev, Sinem Shabanova, Dimitar Doychev

### Section “Ecology and education”

- P7** Water – "the silent hero and guardian of life," a source of life and inspiration. A collaborative interdisciplinary lesson designed to change students' thinking, held in observance of March 22 – World Water Day // Leman Hasanova, Radostina Vasileva-Tsankova
- P8** Interactive methods and opportunities for developing health competencies in the context of genetic diseases in biology and health education teaching – Grade 10 // Tsvetomira Ivanova, Klaida Doychinova
- P9** Application of interactive methods and digital technological in teaching “Biology and Health education” in VII grade for ecological education of students // Bilyana Boycheva, Bozhidar Vladislavov, Radelina Dimitrova, Simona Vasileva, Yavor Hristov, Rositsa Davidova
- P10** Environmental Education of Students in the School Educational Process // Georgi Nedyurmagomedov