



PROGRAM

12th Student Scientific Conference “Ecology and environment”

April 19, 2024

- 12:00 – 13:00 **Registration**, hall 202
- 13:00 – 13:15 **Opening ceremony**, hall 202
- 13:15 – 13:30 **Academic lecture:** Assessment of the bioaccumulation of microplastics in marine monitoring species from the Bulgarian Black sea aquatory, assoc. prof. dr. Sevginar Ibryamova, hall 202
- 13:30 – 14:40 **Section “Biodiversity”**, hall 202
- 14:40 – 15:00 **Coffee break**, lobby on the third floor
- 15:00 – 15:30 **Poster sessions**, lobby on the third floor
- 15:30 – 16.40 **Section “Healthy lifestyle, Technology”**, hall 202
- 16:40 – 17:00 **Workshop:** Establishment and activation of the Faculty Center for Biomechanical and Interdisciplinary Research at the Faculty of Pedagogy of Shumen University "Bishop Konstantin Preslavski", prof. dr. Nikolay Natchev, hall 202
- 17:00 – 17:30 **Awarding ceremony and Closing Remarks**, prof. dr. Ts. Ivanova, hall 202



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Section “Biodiversity“

(Oral presentations)

Moderator: prof. dr. Nikolay Natchev

- OP1** Protection of caves and habitats of bat species in Bulgaria // Anna Grigorova,
13:30 – 13:40 Nikolay Nedyalkov
- OP2** Ecology and distribution of the The red whip snake (*Platyceps collaris*) with
13:40 – 13:50 remarks on an unusual early annual activity of the species // Georgy Byanov,
Dimitar Pazderkov
- OP3** Ecology and distribution of *Triturus dobrogicus* (Kiritzescu, 1903) (Amphibia:
13:50 – 14:00 Salamandridae) in Persina Nature Park (Bulgaria) // Daniela Karakasheva
- OP4** Marsh Frog (*Pelophylax ridibundus*) Preying on Eastern Tree Frog (*Hyla*
14:00 – 14:10 *orientalis*) // Dimitar Pazderkov, Kiril Valkanov, Marko Ivanov, Nikolay Natchev
- OP5** New data on the easternmost locality of common frog *Rana temporaria* (Linnaeus,
14:10 – 14:20 1758) in Bulgaria // Pavlina Marinova, Teodora Koynova, Radoslav Tsvetkov,
Nikolay Natchev, Zheni Dimitrova, Daniel Jablonski
- OP6** Wild ornamental plants in the flora of the Shumen Heights // Mariya Kaschieva,
14:20 – 14:30 Mariya Kuppenova, Nataliya Todorova, Fatme Zinel, Klaida Doichinova
- OP7** *Matthiola odoratissima* - ways of survival of a protected species // Mariya
14:30 – 14:40 Kaschieva, Lidiya Taneva, Dimcho Zahariev



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Section “Healthy lifestyle, Technology”

(Oral presentations)

Moderator: assoc. prof. dr. Zheni Dimitrova

- OP8** Breast cancer and Mediterranean Diet // Anna Grigorova
15:30 – 15:40
- OP9** Healthy sourdough bread - the miracle of natural fermentation // Aleksandra Keranova
15:40 – 15:50
- OP10** Analysis of basal physiological indicators before and after light physical efforts in adult females (age 19 - 54) // Teodora Dimova, Dimitrina Radeva, Tatyana Dimitrova, Pavlina Marinova, Reneta Velizarova, Seniha Salim
15:50 – 16:00
- OP11** Plant Poisons and their use in medicine // Andon Vasilev, Borislav Raychev, Kristian Kolev
16:00 – 16:10
- OP12** The human and the changing environment // Simona Zhecheva, Veselin Zhechev
16:10 – 16:20
- OP13** Current state of Bulgaria’s soil fertility // Blagovesta Georgieva, Veselin Zhechev
16:20 – 16:30
- OP14** Investigation of anionic surfactant (sodium dodecyl sulfate) in combination with inorganic electrolyte (LiCl) and monitoring of ion-specific effects related to: foam drainage, rate of formation, half-life and destruction of vertical foams // Nidelina Petkova, Dilyana Stefanova, Stoyan Karakashev
16:30 – 16:40



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Poster section “Ecology, Healthy lifestyle”

(Poster session)

Moderator: assoc. prof. dr. Darina Bachvarova

lobby on the third floor

- P1** Influence of the environmental variables from clean thermally stratified dam on the quality of riverine waters // Gratsiela Yordanova, Lidiya Taneva, Dimitar Doychev
- P2** Thermally altered semi-mountain stream and its macroinvertebrate recovery gradient dependency from environmental variables // Ayshe Marinova, Lidiya Taneva, Dimitar Doychev
- P3** Results of field studies on the Shumen Plateau - measurement of physical parameters // Mariya Atanasova, Stoycho Trifonov
- P4** Nitrogen Cycle // Alis Rushanova, Veselin Zhechev
- P5** My relatives and I – do we maintain a healthy lifestyle? // Hristo Angelov, Vanya Koleva, Ivayla Kuleva, Asya Dragoeva, Galina Yaneva
- P6** Traditional herbal medicines against Covid 19 – an online survey in Bulgaria // Martin Stoyanov, Seliha Lyoteva, Asya Dragoeva, Zheni Dimitrova, Vanya Koleva
- P7** Development of environmental education for schoolchildren under the implementation of uni-fied approaches to the content of ecological disciplines // G. G. Nedyurmagomedov, D. G. Dzharullaev



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Poster section “Zoology and Microbiology”

(Poster session)

Moderator: assoc. prof. dr. Darina Bachvarova
lobby on the third floor

- P8** First record of *Amara (Parapercosia) taurica* (Coleoptera: Carabidae) in Bulgaria // Teodora Teofilova, Gerard Corbett, Nikolay Kodzhabashev
- P9** First record of *Carabus (Tomocarabus) bessarabicus* (Coleoptera: Carabidae) in Bulgaria // Teodora Teofilova, Dyankoyoan Hristov, Nikolay Kodzhabashev
- P10** Save the herpetofauna - the importance of road crossings as a solution to reduce animal mortality // Nikolay Kolev
- P11** Urban Ornithology - Protecting the nests of the Common Swift (*Apus apus*) during residential building renovations// Nikolay Kolev
- P12** Main features of breeds Laika // Milka Deleva
- P13** Study of the microbiology of the gastrointestinal tract and meat in key species of fish from the Bulgarian Black Sea aquatory // Stefany Toshkova, Sevginar Ibryamova, Darina Bachvarova, Nikolay Ntachev, Tsveteslava Ignatova-Ivanova