

PROGRAM

of the PhD Student Scientific Session of the FMNS – 2023

10th November 2023, Hall 1114

Vasil Pandurski

Age and educational structure of the population in the border municipalities of the Southwest region

Milena Milenova, Ivan Drenovski

Environmental impact of small hydropower plants in the municipality of Bosilegrad, Western suburbs, Republic of Serbia. Negligible energy benefit and immeasurable environmental damage

Hristo Peshev, Emilian Stoynov, Emanuil Mitrevichin, Konstantin Tyufekchiev

Important Vulture Sites in the Middle East revealed from GPS tracking migrating Griffon Vultures from the Balkans

Emanuil Mitrevichin, Lidia Sakelarieva, Hristo Peshev, Alexander Pulev

A study of two sympatric populations of *Testudo hermanni boettgeri* and *T. graeca iberica* (Testudines: Testudinidae) in south-western Bulgaria

Vanina V. Mitseva, Emilia D. Varadinova

Review of the impact of coal fired power plants on the status of the rivers in Bulgaria

Nikolay Vitanov, Elitsa Chorbadzhiyska, Yolina Hubenova, Mario Mitov

A single chamber microbial fuel cell as a biosensor for monitoring the organic load of wastewater

Ava Amideina, Jernej Imperl, Mitja Kolar, Petko Mandjukov

Optimization and validation of the sample preparation procedure. Separation of the measurement uncertainty contributions from sampling, homogeneity, sample preparation and measurement

Hristina Shekerliyska-Vachkova

The constructivist approach to STEM education in mathematics in the context of the learning content in grades V and VI