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Volume 1

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BIOTECHNOLOGY, ECOLOGY, NATURE MANAGEMENT

Selected, peer-reviewed papers from
Biotechnology, ecology, nature management (BENM 2021), May 25, 2021, Moscow State
University of Technology and Management named after K.G. Razumovsky (FCU)
(Moscow, Russian Federation)

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Preface

The volume contains selected, peer-reviewed papers from the International Scientific and Practical Conference "Biotechnology, ecology, nature management" (BENM 2021) which was held on May 25, 2021 in Moscow State University of Technology and Management named after K.G. Razumovsky (FCU) (Moscow, Russian Federation)

The objective of conference has a comprehensive nature of assessing the development of biotechnologies, the use of green technologies, organic farming, with an in-depth consideration of issues of water use, water purification.

Importance of the conference is to pay special attention to environmental issues of regulation and regulation of water pollution.

The conference itinerary comprised keynote speeches, plenary sessions, and workshop, which discussed a wide range of issues: the current state of water quality, biodiversity conservation and the development of the fishery complex, the introduction of innovative technologies at industry enterprises, staffing, as well as mechanisms for interaction between science and business. and education in aquatic ecology and aquaculture.

The conference was attended by leading scientists in the field of aquatic ecology and fisheries, representatives Federation Council, State Duma, Ministry agriculture of the Russian Federation, specialized scientific research institutes of the Russian Academy of Sciences, educational organizations, expert community, international associations and unions, representatives of the business community.

50 papers were accepted, and 17 papers were presented at the conference. Each author was allotted 15 minutes to present their paper. The conference's international flavour was provided by participants who came from Republic of Moldova, Pridnestrovian Moldavian Republic, Republic of Belarus, Mauritius.

The review process for the papers was stringent. The software program "AntiPlagiat.VUZ" was used for plagiarism detection. Each submission was subjected to a double-blind review process by two reviewers. The number of submissions received and reviewed was 50 and the number of submissions accepted was 40 indicating an acceptance rate of 80%. A total of 15 reviewers were involved in the review process.

30 January, 2021

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Keynote Speakers

Water Resources Management in Moldova

Rodica CHEBAN, Doctor of Agricultural Sciences, Associate Professor of the Department - Natural Resources Management, State Agrarian University of Moldova, Republic of Moldova

Monitoring of the Quality of Natural Water Sources in the Republic of Belarus

Svetlana Nikolaevna BAITOVA, Ph.D., Associate Professor, Head of the Department of Technosphere Safety and General Physics, Belarusian State University of Food and Chemical Technologies, Republic of Belarus

Eurasian Aquaculture. Ecosystem approach, New Biotechnologies, Environmental Standards

Alexander Viktorovich NEVREDINOV, Head of the Eurasian Aquaculture Alliance, Head of the Aquaculture Commission of the Public Council under the Federal Agency for Fishery of the Government of the Russian Federation, Russian Federation

Plenary Speakers

Scientific and Expert Support for the Development and Approval of Fishery MPCs

Andrey Vyacheslavovich TSAREV, Deputy Head of the Federal State Budgetary Institution "Central Office for Fisheries Expertise and Standards for the Conservation, Reproduction of Aquatic Biological Resources and Acclimatization", Russian Federation

The State of Aquaculture About. Mauritius and Prospects for Cooperation

with MGUTU named after K.G. Razumovsky

Svetlana Viktorovna BARTENEVA, Representative of the organization for the conservation of marine biofauna of the island of Mauritius, Mauritius

Workshop Leaders

Innovative Approaches in Education in The Direction of Aquatic Biological Resources and Aquaculture

Alexey Lvovich NIKIFOROV-NIKISHIN, Doctor of Biological Sciences,
Moscow State University of Technology and Management named after K.G. Razumovsky (FCU),
Russian Federation

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Table of Contents

No: 1

Title: Change Specifically Responses To Mtor Inhibition Based On Brain Of N. Guentheri

Pages: 1 - 9

Author(s): Y. S. Vershinina, G. S. Krasnov, Z. G. Guvatova, A. V. Kudryavtseva

No: 2

Title: Mitotic Epithelial Of The Lens Of Rainbow Trout Exposed To Benzene Compounds

Pages: 10 - 19

Author(s): Yu. G. Simakov, N. I. Kochetkov, Yu. A. Kuchikhin, S. V. Smorodinskaya

No: 3

Title: The Quality Monitoring Of Combined Feeds For Trut And Sturgeon Fishes

Pages: 20 - 24

Author(s): A. A. Klimuk, S. V. Beketov, L. L. Brezhnev, I. R. Selivanova

No: 4

Title: Effect Of Electromagnetic Radiation Of Extremely Low Frequencies On Carp Development

Pages: 25 - 42

Author(s): D. V. Shumeiko, A. D. Markov, A. V. Abramchuk, V. N. Khorosheltseva

No: 5

Title: The Rare And Protected Algal Species Of The Barents Sea

Pages: 43 - 50

Author(s): T. L. Kalita, S. V. Lohankova, K. O. Yangulova, A. A. Kornuhin

No: 6

Title: Analysis Of The Microflora Of Mucus Secretions Of The Worm (Eisenia Fetida)

Pages: 51 - 58

Author(s): L. I. Buchkova, A. K. Ponomarev, O. G. Bugaev, T. I. Horeva

No: 7

Title: Installation For Making Fried Crill Ice Cream

Pages: 59 - 67

Author(s): Aleksandr A. Krasnichenko, Dmitry R. Leskevich, Dmitriy N. Akimov, Vadim V. Tuyakov, Gamzat M. Aliev

No: 8

Title: Freshwater Artificial Reefs As A Way To Increase Of The Productivity

Pages: 68 - 74

Author(s): T. L. Kalita, O. N. Mingaleova, D. S. Khatuntsov, A. N. Zhavnerov

No: 9

Title: Fish Protection, In Relation To The Hydraulic Structures Of The Moscow Canal

Pages: 75 - 85

Author(s): A. V. Gorbunov, V. A. Klimov, T. L. Kalita, V. R. Barbashov

No: 10

Title: Indirect Evaporating Cooling In The Passenger Car Air Conditioning System

Pages: 86 - 97

Author(s): Aleksandr A. Krasnichenko, Dmitry P. Gashin, Denis E. Alexandrov, Andrej D. Larkin, Dmitriy G. Goncharov

No: 11

Title: Determination Of The Threshold Concentration Of Anolyte For Freshwater Fish Species

Pages: 98 - 104

Author(s): Yu. A. Kuchikhin

No: 12

Title: Determining The Maximum Food Dose For *Cyprinus Carpio* After Transplantation

Pages: 105 - 111

Author(s): Yu. A. Kuchikhin, A. S. Shavrin, A. A. Zyulkin, I. R. Selivanova

No: 13

Title: Determination Of The Maximum Temperature Of The Content Of *Cyprinus Carpio*

Pages: 112 - 117

Author(s): Yu. A. Kuchikhin, A. S. Shavrin, A. A. Zyulkin, T. P. Khairullina

No: 14

Title: Histochemical And Morphometric Peculiarities In *Philodina Roseola* Rits Important For Gerontological Studies

Pages: 118 - 127

Author(s): L. I. Buchkova, S. V. Smorodinskaya, Yu. G. Simakov, K. F. Gross

No: 15

Title: Application Of Sodium Alginate Capsules As An Innovative Method Of Adding Preparations

Pages: 128 - 134

Author(s): A. P. Minaenko, Yu. A. Kuchikhin, A. N. Zhavnerov, V. A. Gribkova

No: 16

Title: Bioindication Of The State Of The Losiny Ostrov Forest

Pages: 135 - 141

Author(s): Natalya A. Mishakova, Zinaida S. Ruchkina, A. A. Nagiev

No: 17

Title: Environmental Responsibility Of The Corporation Within The Framework Of Sustainable Development

Pages: 142 - 148

Author(s): L. V. Gaidarenko, Kapitsa G. P., Lyubovskaya N. M.

No: 18

Title: Morphological Features And Secretory Activity Of Inguinal Gland Of *Martes Zibellina* L.

Pages: 149 - 159

Author(s): Zinaida S. Ruchkina, Alexandra Yu. Ryzhkova, Tatyana I. Horeva

No: 19

Title: Influence Of Chelated Mineral Supplement On Rabbit Productivity

Pages: 160 - 166

Author(s): Natalia A. Golovacheva, Yulia V. Tolmacheva, Anastasia A. Klimuk, Evgenia V. Korenduhina

No: 20

Title: Biochemical Status Of Rabbit Blood When Using An Organomineral Supplement

Pages: 167 - 174

Author(s): Natalia A. Golovacheva, Larisa I. Bychkova, Ekaterina A. Safronova, Anna Yu. Kondratyeva

No: 21

Title: Diseases Of Rodents Dangerous To Humans Found In Urbanized Ecosystems

Pages: 175 - 180

Author(s): Viktoriya V. Erofeeva, Sergey L. Yablochnikov, Olga V. Maslennikova, Maksim N. Mahiboroda

No: 22

Title: Ecological Justification For Acclimatization Of The Caucasian Bison In The Altai Nature Reserve

Pages: 181 - 185

Author(s): A. Yu. Kondratyeva, A. V. Kozlov, I. A. Glebova, S. V. Beketov

No: 23

Title: Model Of An Artificial Reef For Increasing The Bioproductivity Of Donuzlav Lake

Pages: 186 - 191

Author(s): T. P. Khairullina, T. L. Kalita, N. M. Naumov, A. Vaganova

No: 24

Title: Increasing The Nutritional Value Of Artemia Salina Nauplii By Enriching Haematococcus Pluvialis

Pages: 192 - 197

Author(s): A. K. Ponomarev, L. L. Brezhnev, A. V. Cherenkov

No: 25

Title: Genetic Symbols For Mutations In Color And Fur Structure In Chinchillas

Pages: 198 - 204

Author(s): A. V. Kozlov, M. Bakiev

No: 26

Title: Analysis Of Changes In The Hydrochemical, Hydrobiological And Geoecological State Of Borisov Pond

Pages: 205 - 210

Author(s): M. O. Gnatenko, M. D. Tsar'kov, Yu. V. Bogatykh, V. A. Klimov

No: 27

Title: Hydrochemical Parameters Of Growing Trout On Water From An Artesian Well

Pages: 211 - 215

Author(s): A. K. Ponomarev, L. L. Brezhnev, V. A. Klimov, A. S. Polyakov

No: 28

Title: Regeneration Of Caudal Fin The Influence Of The Food Additive «Chigyany Roz»

Pages: 216 - 228

Author(s): V. A. Purtskhvanidze, S. V. Smorodinskaya, Yu. G. Simakov, M. V. Medyankina

No: 29

Title: Integration Of Water Bodies Into The Structure Of Public Urban Spaces

Pages: 229 - 243

Author(s): V. A. Kurochkina, S. K. Khlebnikov, M. D. Melnikova

No: 30

Title: Algorithms For Preventive Measures For Disease Prevention And Antioxidant Protection

Pages: 244 - 258

Author(s): V. A. Purtskhvanidze, O. A. Orlovtsseva, S. N. Tefikova, M. V. Klokonos

No: 31

Title: The Reclamation Of Landscapes By Increasing The Biological Productivity Of Water Bodies

Pages: 259 - 265

Author(s): I. A. Pasko, A. V. Gorbunov, I. A. Glebova, V. A. Barbashov

No: 32

Title: Rheological Properties Of Suspensions

Pages: 266 - 273

Author(s): A. T. Vasyukova, I. U. Kusova, A. E. Alekseev

No: 33

Title: Application Of Modern Technologies For Processing Plant Waste

Pages: 274 - 279

Author(s): A. R. Nikolaev, A. N. Zhavnerov, B. K. Fedorov, A. P. Minaenko

No: 34

Title: Role Of Small Architectural Structures In The Organization Of Urban Open Public

Pages: 280 - 292

Author(s): V. A. Kurochkina, V. A. Klimov, M. O. Belova, E. K. Kalinichenko

No: 35

Title: Ecological And Economic Aspects Of State Regulation Of Land Resources Use

Pages: 293 - 302

Author(s): L. V. Gaidarenko, Kapitsa G. P., Lyubovskaya N. M.

No: 36

Title: Increasing The Efficiency Of Industrial Crystallization Of Sucrose

Pages: 303 - 308

Author(s): Natalia N. Lebedeva, Anatoliy A. Slavyanskiy, Vera A. Gribkova, Natalia V. Nikolaeva

No: 37

Title: Improvement Of The Technology Of Separation Of Utfel I Crystallization In Batch Centrifuges

Pages: 309 - 318

Author(s): Anatoliy A. Slavyansky, Natalia V. Nikolaeva, Vera A. Gribkova, Natalia N. Lebedeva, Daria P. Mitroshina

No: 38

Title: Development Of Sugar Cookies With A Predisposition To Disrupt The Folate Cycle

Pages: 319 - 325

Author(s): Igor A. Nikitin, Sherzodkhon Mutallibzoda, Daria A. Velina, Natalia N. Lebedeva

No: 39

Title: A New Direction Of Using Chinchilla Hair (Chinchilla Lanigera) In Farm Animal Husbandry

Pages: 326 - 333

Author(s): A. V. Kozlov, L. V. Gaidarenko