project

**CONFERENCE WITH INTERNATIONAL PARTICIPATION**

PROGRAM STRUCTURE

Dates: April 28-29, 2021, 10: 00-18: 00.

Location: Moscow, A.N. Severtsov Institute of Ecology and Evolution of the Russian Academy of Sciences.

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|  | Wednesday, April 28, 2021 |
| 10: 00-10: 30 | OPENING OF THE CONFERENCE  **" ECOLOGICAL PROBLEMS, BIORESOURCES AND FISHERIES IN THE VOLGA-CASPIAN BASIN»** |
| Opening remarks | **Vyacheslav Rozhnov**, Academician of RAS, Director of A.N. Severtsov Institute of Ecology and Evolution of the Russian Academy of Sciences, the President of the Theriological society at the Russian Academy of Sciences, head of the permanent wounds of the expedition to study animals of the red book of the Russian Federation and other important animals of the fauna of Russia, head of the Kazakh-Russian research Program of the Caspian seal in the Northern Caspian (2019-2023 years), Research Supervisor of the Council of "Science and Innovations of the Caspian Sea» |
| Greetings | **Denis Khramov**, First Deputy Minister of Natural Resources and Environment of the Russian Federation  **Sergey Mitin,** First Deputy Chairman of the Committee on Agrarian and Food Policy and Environmental Management of the Federation Council of the Russian Federation  **Andrey Adrianov**, Academician of the Russian Academy of Sciences, Vice-President of the Russian Academy of Sciences  **Dmitry Pavlov**, Academician of RAS, Scientific Director of A.N. Severtsov Institute of Ecology and Evolution of the Russian Academy of Sciences, Chairman of the Scientific Council of RAS on Hydrobiology and ichthyology  **Yuri Dgebuadze,** Academician of RAS, head of Section of the General biology Department of biological Sciences, head of the laboratory of ecology of aquatic communities and infestations Institute of ecology and evolution Russian Academy of Sciences, Chairman of the Russian Committee of the UNESCO Program "Man and biosphere" (MAB), co-Chairman of the Presidium of the Council "Science and Innovations of the Caspian Sea"  **Kirill Kolonchin**, Director of the Russian Research Institute of Fisheries and Oceanography |
| 10: 30-13: 00 | SESSION 1  **"ENVIRONMENTAL PROBLEMS OF THE VOLGA-CASPIAN BASIN»** |
| Moderators | **Vyacheslav Rozhnov**, Academician of RAS, Director of A.N. Severtsov Institute of Ecology and Evolution of the Russian Academy of Sciences, the President of the Theriological society at the Russian Academy of Sciences, head of the permanent wounds of the expedition to study animals of the red book of the Russian Federation and other important animals of the fauna of Russia, head of the Kazakh-Russian research Program of the Caspian seal in the Northern Caspian (2019-2023 years), Research Supervisor of the Council of "Science and Innovations of the Caspian Sea»  **Victor Danilov-Danil'yan,** Corresponding Member of RAS, Doctor of Economics, Scientific Director of the Institute of water problems of RAS |
| Topics for discussion | \* Environmental problems and biodiversity in the Volga-Caspian basin  \* Biological invasions of alien species in the Volga-Caspian basin and their impact on aquatic ecosystems  \* Species-indicators of the state of aquatic ecosystems of the Volga-Caspian basin  \* Study and conservation of the Caspian seal as an indicator of the state of the Caspian Sea ecosystem  \* On the implementation of the Federal project "Improvement of the Volga River" and measures to preserve the ecosystem of the Volga-Akhtuba floodplain  \* The importance of biosphere reserves in preserving the ecosystems of the Volga-Caspian basin  \* International cooperation in monitoring the aquatic ecosystems of the Volga-Caspian basin  \* Current state of environmental monitoring of the natural environment, biodiversity, forecasting, identification and overcoming of natural and man-made emergencies in the Volga-Caspian basin  \* Hydrological and hydrochemical monitoring of pollution, rational use and protection of water bodies of the Volga River, the Ural River and the Caspian Sea  \* Experience in the use of GIS technologies and satellite monitoring for the formation of an electronic map of pollution of the Volga and the Caspian Sea, in the study of biological diversity in the Volga-Caspian basin |
|  | Invited reports (3)  Speeches and discussion of problems |
| 14: 00-18: 00 | SESSION 2  **"BIORESOURCES AND FISHERIES IN THE VOLGA-CASPIAN FISHERIES BASIN"** |
| Moderators | **Kirill Kolonchin,** Director of the All-Russian Research Institute of Fisheries and Oceanography  **Yuri Dgebuadze**, Academician of RAS, head of Section of the General biology Department of biological Sciences, head of the laboratory of ecology of aquatic communities and infestations Institute of ecology and evolution Russian Academy of Sciences, Chairman of the Russian Committee of the UNESCO Program "Man and biosphere" (MAB), Co-Chairman of the Presidium of the Council "Science and Innovations of the Caspian Sea" |
| Topics for discussion | On the implementation of Federal Law No. 166-FZ of 20.12.2004 "On Fisheries and Conservation of Aquatic Biological Resources" in the Volga-Caspian Basin. Federal and regional supervision  \* Restoration and preservation of the resource and raw material base of fisheries, development of biotechnologies and aquaculture in the Volga-Caspian fisheries basin  \* Measures to compensate for damage to water biological resources by economic entities in the region  \* Prospects for the development of the fishing fleet in the Volga-Caspian basin  \* Reserves and prospects for the resumption of industrial keel fishing in the Caspian Sea  \* On the implementation of the State Program "Development of the Fisheries Complex" in the Volga-Caspian Basin  \* The state and development of amateur and sport fishing in the Volga-Caspian fishery Basin and its impact on the conservation of aquatic biological resources of the Volga and the Caspian Sea  \* International legislation, national fisheries regulations and other measures to effectively reduce IUU fishing in the Caspian Sea and the Volga Basin |
|  | Invited reports (3)  Speeches and discussion of problems |
|  | Thursday, April 29, 2021 |
| 10: 00-13: 00 | SESSION 3  **"ENVIRONMENTAL SAFETY OF ENTERPRISES, HYDRAULIC ENGINEERING FACILITIES AND NAVIGATION IN THE WATER BODIES OF THE VOLGA-CASPIAN BASIN"**  **(Volga River, Ural River, Caspian Sea)** |
| Moderators | **Amirkhan Amirkhanov**, Deputy head of the Federal service for supervision in the sphere of nature management (Rosprirodnadzor)  **Tatyana Balagula**, Head of the Department of Internal Veterinary Supervision of the Rosselkhoznadzor |
| Topics for discussion | \* State supervision of compliance with water and environmental legislation in the Volga-Caspian Basin  \* Responsibility of water users: environmental programs of enterprises engaged in economic activities in the Volga-Caspian basin  \* Introduction of resource-saving, environmentally friendly technologies and equipment in order to minimize and prevent negative environmental impacts by enterprises:  o industrial and energy sector,  o oil and gas,  o agro-industrial,  o transport economic complex and other economic sectors of the Volga-Caspian basin  \* Ensuring the safe operation of reservoirs, hydrotechnical and other structures of hydroelectric power in the waters of the Volga, on the sections of the coastal strip and floodplain  \* Navigation on the Volga and the Caspian Sea. Volga-Caspian Shipping Channel  \* Modern methods, techniques and means of monitoring, preventing accidents, fires and catastrophes, conducting emergency rescue operations, firefighting, eliminating the consequences of natural and man-made disasters, minimizing environmental damage on water bodies  \* Construction, reconstruction, modernization and safe operation of wastewater treatment facilities in the Volga-Caspian basin  \* About the federal project on the introduction of the best available technologies in the environmental sphere  \* Environmental management  \* Insurance of economic activity in the region  \* Cross-border security issues in the Volga-Caspian Basin |
|  | Invited reports (3)  Speeches and discussion of problems |
| 13: 00-16: 00 | SESSION 3  **"ENVIRONMENTAL SAFETY OF ENTERPRISES, HYDRAULIC ENGINEERING FACILITIES AND NAVIGATION IN THE WATER BODIES OF THE VOLGA-CASPIAN BASIN»**  **(the Volga, the Ural river, the Caspian sea)**  (continued) |
| Moderators | **Victor Danilov-Danil'yan,** Corresponding Member of RAS, doctor of Economics, Scientific Director of the Institute of water problems of RAS  **Peter Bukharitsin**, Professor of Astrakhan State Technical University, Leading Researcher at the Institute of Water Problems of the Russian Academy of Sciences, Academician of MANEB and RANS, Astrakhan Branch of the Russian Geographical Society |
|  | Invited reports (3)  Speeches and discussion of problems |
| 17:00-18:00 | Conclusions of the Conference |
|  | Speech by the session moderators |
|  | Discussion of the text of the final resolution |