



As of 2 September

Islamic Organization for Food Security  
l'Organisation Islamique pour la Sécurité Alimentaire  
المنظمة الإسلامية للأمن الغذائي

## 2-DAYS INTERNATIONAL WORKSHOP

### “Role of Animal Genetic Resources in Ensuring Food Security and Improving Livestock Production”

#### AGENDA

**FIRST DAY: Monday, 6 September 2021**

**15:00-18:15 (Nur-Sultan time, GMT+6)**

**Zoom platform**

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| <b>OPENING SESSION (15:00-15:45)</b>   |   |  |
| <b>Moderator: Mr. Bakytzhan Arystanbek, IOFS Program Manager</b>   |   |  |
| 15:00-15:02  | Recitation of Holy Quran  | IOFS   |
| 15:02-15:08  | Welcoming Speech  | <b>(TBC) H.E. Mr. Frank Tumwebaze</b><br><i>Minister of Agriculture, Animal Industry and Fisheries of Uganda</i>                                     |
| 15:08-15:15  | Welcoming Speech  | <b>H.E. Mr. Syed Fakhar Imam</b><br><i>Federal Minister for National Food Security and Research of Pakistan</i>                                      |
| 15:15-15:22  | Welcoming Speech  | <b>H.E. Prof. Dr. M. Iqbal Choudhary</b><br><i>Coordinator General, COMSTECH</i>   |
| 15:22-15:29  | Welcoming Speech  | <b>(TBC) H.E. Mr. AbdulHakim Elwaer</b><br><i>Assistant Director-General, Regional Representative for NENA, FAO</i>                                  |
| 15:29-15:36  | Welcoming Speech  | <b>(TBC) H.E. Dr. Aly Abousabaa</b><br><i>Director General, ICARDA</i>   |
| 15:36-15:44  | Welcoming Speech  | <b>H.E. Mr. Yerlan A. Bidaulet</b><br><i>Director General, IOFS</i>  |
| 15:44-15:45  | Vote of thanks  | IOFS   |
| <b>FIRST SESSION: <u>ROLE OF ANIMAL GENETIC RESOURCES IN FOOD SECURITY AND AGRICULTURE</u></b>   |   |  |
| <b>Session Moderator: Dr. Mohamed Ali, Food Security Expert, DinarStandard (15:45-17:10)</b>   |   |  |
| <b>Session Topic: <u>The importance of animal genetic resources in food security and livestock production. The conservation and use of animal genetic resources.</u></b> |   |  |
| 15:45-16:00  | Pathways to Reduce the Gap Between Developing and Developed Countries in the Field of Animal Genetic Resources Management and Conservation. | <b>Prof. M'Naouer Djemali</b><br><i>Director of Animal Genetic Resources Research Lab., National Coordinator of Animal Genetic Resources-Tunisia</i> |

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|   |   | <i>Vice Chair of the ITWG-AnGR-FAO representing Africa; Rapporteur of the FAO Access and Benefit Sharing Legal and Technical Experts Team.</i>                   |
| 16:00-16:15   | The Current Status of Animal Genetic Resources of Agricultural Animals in Yemen                     | <b>Dr. Abed Mohammed Al-Bial</b><br><i>Vice Chairman of Agricultural Research and Extension Authority (AREA). National Coordinator on AnGR in Dhamar, Yemen.</i> |
| 16:15-16:30   | Role of Animal Genetic Resources in Ensuring Food Security and Improving Livestock Production       | <b>Dr. Sezer Öz</b><br><i>Coordinator<br/>General Directorate of Agricultural Research and Policies, Ministry of Agriculture and Forestry of Turkey</i>          |
| 16:30-16:45   | The Pastoral Livestock System in Chad   | <b>Dr. Ousman Mahamat Saleh Youssouf</b><br><i>Independent Expert</i>  |
| 16:45-17:00   | Management of Animal Genetic Resources in Bangladesh  | <b>Dr. Gautam Kumar Deb</b><br><i>Principal Scientific Officer, Biotechnology Division, Bangladesh Livestock Research Institute</i>                              |
| 17:00-17:05   | Discussion, Q&A   |  |
| 17:05-17:10   | Poll (1)  |  |
| <b>SECOND SESSION: <u>CAMELIDS GENETIC RESOURCES</u></b>  |   |  |
| <b>Session Moderator: Mr. Bakytzhan Arystanbek, IOFS</b>  |   | <b>(17:10-18:15)</b>   |
| <b>Session Topic:</b> <u>Current state of camel genetic resources. Species composition (imported, local and indigenous), phenotypic assessment, productive qualities. Programs/research activities for in vivo/in vitro conservation. The use of ART in camel breeding/selection. Research on molecular genetic evaluation.</u> |   |  |
| 17:10-17:25   | Camelids Genetic Resources  | <b>Dr. Derradji Harek</b><br><i>National Institute of Agronomic Research of Algeria, Animal Genetic Resources Team</i>   |
| 17:25-17:40   | Current State of Arabian Camels in Egypt in the Context of Conservation of Animal Genetic Resources | <b>Dr. Ahmed Sallam</b><br><i>Senior Research Scientist<br/>Desert Research Center (Egypt)</i>   |
| 17:40-17:50   | The Camel Biodiversity in Kazakhstan. Phenotypes Studies.   | <b>Dr. Shynar Akhmetsadykova</b><br><i>Head of Camelids Breeding Department, Kazakh Research Institute for Livestock and Fodder Production</i>                   |
| 17:50-18:05   | Molecular genetic analysis of camel and sheep breeds in Kazakhstan                                  | <b>Dr. Leyla Djansugurova</b><br><i>Director of Institute of Genetics and Physiology, Ministry of Education and Science of Kazakhstan</i>                        |
| 18:05-18:10   | Discussion, Q&A   |  |
| 18:10-18:12   | Poll (2)  |  |
| 18:12-18:15   | Conclusion<br>Announcement for Day 2  | <b>Dr. Ismail Abdelhamid</b><br><i>Director of Programmes &amp; Projects Office, IOFS</i>  |

**SECOND DAY: Tuesday, 7 September 2021****15:00-18:15 (Nur-Sultan time, GMT+6)****Zoom platform**

| <b>INTRODUCTION for DAY 2</b>  |   |  |
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| 15:00-15:05  | Introductory Remarks for Day 2  | <b>Dr. Ismail Abdelhamid</b><br><i>Director of Programmes &amp; Projects Office, IOFS</i>  |
| <b>THIRD SESSION: <u>MANAGEMENT OF ANIMAL GENETIC RESOURCES</u></b>  |   |  |
| <b>Moderator: Dr. Mohamed Ali, Food Security Expert, DinarStandard</b>   |   | <b>(15:05-16:40)</b>   |
| <b>Session Topic: <u>Management of animal genetic resources. Role of animal genetic resources in the agricultural development. The conservation and use of animal genetic resources.</u></b>   |   |  |
| 15:05-15:20  | Management of Animal Genetic Resources: Conservation vs. Exploitation.  | <b>Dr. Mohammad Hossein Banabazi</b><br><i>PhD in Animal Genetics &amp; Breeding, Deputy of Research and Technology, Animal Science Research Institute (ASRI) of Iran<br/>FAO National Coordinator on AnGR</i> |
| 15:20-15:35  | The Role of Animal Resources in Food Security, Risk Reduction and Wealth Creation in Iraqi-KRG                            | <b>Dr. Yousif M. S. Al-Barzinji</b><br><i>Assist. Prof. Salahaddin University, Iraq</i>  |
| 15:35-15:50  | Livestock Production/Animal Genetic Resources in Pakistan   | <b>Dr. Syed Murtaza Hassan Andrabi</b><br><i>Director of the Animal Sciences Institute National Agricultural Research Centre (NARC), Pakistan</i>  |
| 15:50-16:05  | The Role of Animal Genetic Resources in Ensuring Food Security in The Gambia  | <b>Mr. Momodou Jeng</b><br><i>Animal Breeder/National Coordinator, Conservation and Management of Animal Genetic Resources Gambia</i>  |
| 16:05-16:20  | Conservation and sustainable use of wildlife agrobiodiversity in Kazakhstan   | <b>Dr. Roman Yashenko</b><br><i>Director of Institute of Zoology, Ministry of Education and Science of Kazakhstan</i>  |
| 16:20-16:35  | Conservation of Local Livestock Breeds with Description of Molecular Markers and DNA Repository Setup at Lahore, Pakistan | <b>Prof. Dr. Yasir Zahoor</b><br><i>Department of Biotechnology, University of Veterinary and Animal Sciences, Lahore, Pakistan</i>  |
| 16:35-16:40  | Discussion, Q&A   |  |
| <b>FOURTH SESSION: <u>GENETIC RESOURCES of CATTLE and SMALL RUMINANT, SHEEP AND GOAT GENETIC RESOURCES</u></b>   |   |  |
| <b>Session Moderator: Mr. Bakytzhan Arystanbek, IOFS</b>   |   | <b>(16:40-18:15)</b>   |
| <b>Session Topic: <u>Current state of the cattle genetic resources. Programs and research activities for the in vivo and in vitro conservation. The use of assisted reproduction technologies (ART) in breeding and selection. Research on molecular genetic evaluation of breeds and populations.</u></b> |   |  |
| 16:40-16:50  | Status of Animal Genetic Resources (Cattle, Sheep, Goat, Camels) in Libya   | <b>Dr. Abdullah Aboubaker Ahmed</b><br><i>National Coordinator of Animal Genetic Resources in Libya</i>  |

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| 16:50-17:00  | The use of assisted reproductive technologies in the breeding and selection of sheep and goats             | <b>Dr. Mourad Rezik</b><br><i>ICARDA Expert</i>   |
| 17:00-17:10  | High Resolution Genetic Characterization of Some Selected Indigenous Cattle Breeds in Uganda               | <b>Dr. Mukasa Christopher</b><br><i>Technical Manager Breeding, National Animal Genetic Resource Centre and Data Bank, Entebbe Uganda</i>                 |
| 17:10-17:20  | Overview of ICARDA's Small Ruminant Genomics Research  | <b>Dr. Joram Mwacharo</b><br><i>ICARDA Expert</i>   |
| 17:20-17:30  | Animal Genetic Resources of Cattle in Kazakhstan   | <b>Mr. Bolat Seisenov</b><br><i>Republican Center for Breeding Livestock "Assyl Tulik" JSC, Kazakhstan</i>  |
| 17:30-17:40  | Conservation of Endangered Local Breeds of Cattle in the Republic of Kazakhstan                            | <b>Dr. Berik Aryngaziev</b><br><i>Head of Beef Cattle Breeding Technologies Department, Kazakh Research Institute for Livestock and Fodder Production</i> |
| 17:40-17:50  | Conservation and Rational use of Sheep Genetic Resources in Kazakhstan                                     | <b>Dr. Nurlan Malmakov</b><br><i>Head of Farm Animals Reproduction Department, Kazakh Research Institute for Livestock and Fodder Production</i>          |
| 17:50-18:00  | Assisted Reproduction Technologies and Cryopreservation of Local and Indigenous Sheep Breeds of Kazakhstan | <b>Dr. Yerzhan Toishibekov</b><br><i>Director of Institute of Experimental Biology, Almaty, Kazakhstan</i>  |
| 18:00-18:08  | Discussion, Q&A  |   |
| 18:08-18:10  | Poll (3)   |   |
| 18:10-18:15  | Closing Remarks  | <b>Dr. Ismail Abdelhamid</b><br><i>Director of Programmes and Projects Office, IOFS</i>   |
| <b>18:15</b> | <b>END of WORKSHOP</b>   |   |