**India - Russia**

**Scientific Webinar on Agriculture**

**11-12 November 2020**

**10.00 (MSC) / 12.30 IST time onwards**

*Working language – English*.

*2.30+MSC = IST*

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| **11 November, Wednesday** | |
| **09:30 MSC**  **12:00 IST** | **ZOOM ROOM OPENS**   * Staff officers from Russian and Indian sides log on,   and IT Support log on   * Audio/Visual Check |
| **09:50 MSC**  **12:20 IST** | **ZOOM ROOM OPENS TO PUBLIC**   * All speakers and staff from Russian and Indian sides in place * Registered participants allowed to enter |
| **10.00 - 10.20 MSC**  **12:30 - 12:50 IST** | ***Welcome and Introduction Remarks***  **Dr Shakhar Mande -** Director General, CSIR, India  *“Welcome and an overview of CSIR's contribution to agriculture and food technology”*  **Representative of RAS** (Top Management) - **tbd**  **Mr. Sergei Malenko** – Head of the Department for International Cooperation, Russian Academy of Sciences  *«Science Without Borders»*  **Dr. Shishir Shrotriya** - Counsellor (Science & Technology), Embassy of India, Moscow  *“Indo-Russian cooperation in agriculture and food technologies and mechanisms of adaptation to climate change”* |
| **Session -1**  **Moderator: India** | |
| **10.20 – 10.40 MSC**  **12:50 - 13:10 IST** | **Prof. S.K. Barik Director**, CSIR-National Botanical Research Institute,  Rana Pratap Marg, Lucknow  [director@nbri.res.in](mailto:director@nbri.res.in)  *“Response of major Indian crops to climate change: predictive modeling and FACE studies assessing the impact of enhanced CO2, O3 and temperature on crops”.* |
| **10.40 – 11.00 MSC**  **13:10 – 13:30 IST** | **Vladimir Likhovskoi,** Dr Sci in Agriculture, Interim Director of the FSBSI All Russian National Research Institute of Viticulture and Winemaking Magarach of the Russian Academy of Sciences[director@magarach-institut.ru](mailto:director@magarach-institut.ru)  *“Genetic resources of grapes from various centres of origin of the culture, their introduction in order to protect and study ecological flexibility in the context of adaptation of climate change”* |
| **11.00 – 11.20 MSC**  **13:30 – 13:50 IST** | **Vladislav Minin,** Ph.D., Leading Research Fellow,  Federal Scientific Agroengineering Centre VIM [*minin.iamfe@mail.ru*](mailto:minin.iamfe@mail.ru)  *“Choosing ways to adapt the cultivation of organic crops to climate change in the North-West region of Russia”.* |
| **11.20 – 11.40 MSC**  **13.50 – 14:10 IST** | **Dr N H Ravindranath** Professor (Retd)  Centre for Sustainable Technologies (CST)  Indian Institute of Science  Bangalore - 560 012 [nh.ravi@gmail.com](mailto:nh.ravi@gmail.com)  *“Framework for Climate Change Impact, Vulnerability and Adaptation in Agriculture”* |
| **11.40 – 12.00 MSC**  **14:10 – 14:30 IST** | **Andrey Ivanov** Ph.D. Student,Research Fellow, Laboratory of potatoes breeding Leningrad Agriculture Institute Branch of Russian Potato Research Centre [Sirius\_spb@mail.ru](mailto:Sirius_spb@mail.ru)  *«Potato breeding for drought tolerance for changing climate”* |
| **12.00 – 12.20 MSC**  **14:30 – 14:50 IST** | **Alexandra Popova** Ph.D., Leading Research Fellow; M.G.Safronov Yakut Scientific Research Institute of Agriculture FRC Yakut Scientific Centre of the Siberian Branch of RAS [Alexandra.s.popova@gmail.com](mailto:Alexandra.s.popova@gmail.com)  *“Cultivation of Agricultural Crops in the North and Climate Change”* |
| **12.20 – 12.40 MSC**  **14:50 – 15:10 IST** | **Prof. Sachchida Nand Tripathi**  Professor, Department of Civil Engr., Room No.314, Faculty Building, Indian Institute of Technology Kanpur, Kanpur - 208016  [snt@iitk.ac.in](mailto:snt@iitk.ac.in) ; [sachchida.tripathi@gmail.com](mailto:sachchida.tripathi@gmail.com)  *“Aerosols and it’s impacts on climate and crop yield”* |
| **12.40 – 13.00 MSC**  **15:10 – 15:30 IST** | **Panel Discussions and 5 Minutes Break** |
| **Session - 2**  **Moderator: Russia** | |
| **13.00 – 13.20 MSC**  **15:30 – 15:50 IST** | **Angelf Asaturova,** Ph.D., Director of "Federal Scientific Centre for Biological Protection of Plants" [biocontrol—vniibzr@yandex.ru](mailto:biocontrol—vniibzr@yandex.ru)  *“Biologization of agricultural production as a way to increase soil fertility and restore natural biocenotic regulation of ecosystems”* |
| **13.20 – 13.40 MSC**  **15:50 – 16:10 IST** | **Dr Chhemendra Sharma,** Chief Scientist,  CSIR-National Physical Laboratory  New Delhi [csharma@nplindia.org](mailto:csharma@nplindia.org)  “*Black carbon research in India*” |
| **13.40 – 14.00 MSC**  **16:10 – 16:30 IST** | **Alexey Glinushkin,**Corresponding member of RAS, Director  **Alexander Terentiev** Dr Sci in Chemistry, Leading Research Fellow  Head of Lab. Biologically active substances  All-Russian Scientific Research Institute of Phytopatology  *“Organic peroxides for agricultural application”* |
| **14.00 – 14.20 MSC**  **16:30 – 16:50 IST** | **Dr P.K. Singh**, Senior Principal Scientist,  CSIR-National Botanical Research Institute,  Rana Pratap Marg, Lucknow  [pksingh@nbri.res.in](mailto:pksingh@nbri.res.in)  *“Protection of environment from synthetic pesticides by application of genetically modified crops”* |
| **14.20 – 14.40 MSC**  **16.50 – 17.10 IST** | **Oksana Rudenko,** Ph.D.,Deputy Director for Research  All-Russian Scientific Research Institute of Food Additives - a branch of the Federal Scientific Centre for Food Systems named after V. M. Gorbatova [vniikp@fncps.ru](mailto:vniikp@fncps.ru)  “*On the question of determining and inhibiting lipolytic activity in confectionery products and raw materials”* |
| **14.40 – 15.00 MSC**  **17.10 – 17.30 IST** | **Svyatoslav Loskutov,** All-Russian Scientific Research Institute of Food Additives - a branch of the Federal Scientific Centre for Food Systems named after V. M. Gorbatova [Spbsl21@gmail.com](mailto:Spbsl21@gmail.com)  “*Microflora of secondary raw materials and its role in biotechnological processes”* |
| **15.00 – 15.20 MSC**  **17.30 – 17.50 IST** | **Natalia Sharova,** Dr Sci,All-Russian Scientific Research Institute of Food Additives - a branch of the Federal Scientific Centre for Food Systems named after V. M. Gorbatova [Natalya-sharoval@mail.ru](mailto:Natalya-sharoval@mail.ru)  *“Cereals of different climatic zones and their potential for industrial production of food micro-ingredients”* |
| **15.20 – 15.40 MSC**  **17:50 – 18:10 IST** | **Panel Discussion** |

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| **12 November, Thursday** | |
| **Session - 3**  **Moderator** India | |
| **10.00 – 10.20 MSC**  **12:30 - 12:50 IST** | **Andrey Novikov,** Dr Sci, Acting Director, [Ae\_novikov@mail.ru](mailto:Ae_novikov@mail.ru)  **Alexey Novikov,** Ph.D., Deputy Director for Innovative Development, [Novikov@riagro.ru](mailto:Novikov@riagro.ru)  **Konstantin Rodin,** Ph.D., Head of the Irrigation Melioration Department [Rodin.ka@yandex.ru](mailto:Rodin.ka@yandex.ru)  All-Russian Scientific Research Institute of Irrigated Agriculture  *“Water-saving technology of aerobic rice cultivation by periodic irrigation with sprinkling and drip irrigation”* |
| **10.20 – 10.40 MSC**  **12:50 - 13:10 IST** | **Dr Sridevi Annapurna Singh**, Chief Scientist  Head-ProteinChemistryandTechnology CSIR-Central Food Technological Research Institute  Mysuru- 570020  E-mail: [sridevi@cftri.res.in](mailto:sridevi@cftri.res.in)  “*Sustainable technologies for ensuring food and nutritional security”* |
| **10.40 – 11.00 MSC**  **13:10 - 13:30 IST** | **Olga Shepovalova,** Ph.D., Leading Research Fellow, Federal Scientific Agroengineering Centre VIM [shepovalovaolga@mail.ru](mailto:shepovalovaolga@mail.ru)  *“VIM technologies. Energy supply to rural territories using photovoltaic equipment as a mechanism of adapting to climate change”* |
| **11.00 – 11.20 MSC**  **13:30 – 13:50 IST** | **Dr Sanjay Kumar** Director, CSIR-Institute of Himalayan Bioresource Technology, Palampur  [director@ihbt.res.in](mailto:director@ihbt.res.in)  *“Agriculture and Food Technologies for Himalayas.”* |
| **11.20 – 11.40 MSC**  **13:50 – 14:10 IST** | **Irina Kuzmina** Acting Director of Magadan Research Institute of Agriculture [Irina.kuzmina07.10@yandex.ru](mailto:Irina.kuzmina07.10@yandex.ru)  *“Methods for correcting stress adaptation of young cattle”* |
| **11.40 – 12.00 MSC**  **14:10 – 14:30 IST** | **Dr Ch. Srinivasa Rao**  Director, National Academy of Agricultural Res. Management,  Rajendra Nagar, Hyderabad - 500030  [chsrao\_director@naarm.org.in](mailto:chsrao_director@naarm.org.in)  “Innovations in agricultural technology for climate resilient agriculture” |
| **12.00 – 12.20 MSC**  **14:30 – 14:50 IST** | **Panel Discussion 5 minutes Break** |
| **Session - 4**  **Moderator Russia** | |
| **12.20 – 12.40 MSC**  **14.50 – 15.10 IST** | **Larisa Ignatovich** Research Fellow, Magadan Research Institute of Agriculture [agrarian@maglan.ru](mailto:agrarian@maglan.ru)  *“Iodized Egg - Helping Health”* |
| **12.40 – 13.00 MSC**  **15.10 – 15.30 IST** | **Elena Popova,** Ph.D., Leading Research Fellow M.G.Safronov Yakut Scientific Research Institute of Agriculture, FRC Yakut Scientific Centre, Siberian Branch of RAS [elena\_aygol@hotmail.com](mailto:elena_aygol@hotmail.com)  *"Recent advances in phytomedicine: production of biomass and bioactive compounds from plant cells using bioreactor technology"* |
| **13.00 – 13.20 MSC**  **15:30 – 15:50 IST** | **Lilia V. Gaponova,** Ph.D. in Engineering [Edietotherapy@vniig.org](mailto:Edietotherapy@vniig.org)  **Tatiana A. Polezhaeva,** Ph.D. in Engineering [polezhaevata@yandex.ru](mailto:polezhaevata@yandex.ru)  Department of Medical and Prophylactic and Baby Nutrition  VNIIFATs  *«Specialized products from leguminous and nut raw materials in the prevention and treatment of viral diseases»* |
| **13.20 – 13.40 MSC**  **15:50 – 16:10 IST** | **Professor Madhoolika Agarwal,** Professor & Head, Department of Botany,  Banaras Hindu University,  Varanasi - 221005  [madhoo.agrawal@gmail.com](mailto:madhoo.agrawal@gmail.com)  *“Sensitivity of agricultural crops to tropospheric ozone”.* |
| **13.40 – 14.00 MSC**  **16.10 – 16:30 IST** | **Dr Mukunda Dev Behera,** Associate Professor  Centre for Oceans, Rivers, Atmosphere and Land Sciences (CORAL) & School of Water Resources  Indian Institute of Tech. (IIT), Khargpur - 721302  [mdbehera@coral.iitkgp.ac.in](mailto:mdbehera@coral.iitkgp.ac.in)  “The Neighbourhood effect: Terrestrial Productivity of India and Teleconnection with North Indian Ocean”. |
| **14.00 – 14.20 MSC**  **16:30 – 16:50** **IST** | **Olga Cherkasova,** Ph.D**.** in Economics Leading Research Fellow  Federal Research Center for Agrarian Economy and Social Development of Rural Areas - All-Russian Research Institute for Agricultural Economics  [ok\_kamen@mail.ru](mailto:ok_kamen@mail.ru)  *"Development of trade of agri-food products between Russia and India".* |
| **14.20 – 14.40 MSC**  **16:50 – 17:10** **IST** | **Panel Discussion and Conclusion** |
| **14.40 – 15.00 MSC**  **17:10 – 17:30 IST** | **Final Concluding Remarks**  **Dr Ch. Srinivasa Rao*,*** *Director, NAARM, Hyderabad*  **Mr. Sergei Malenko** – Head of the Department for International Cooperation, RAS  **Dr Shishir Shrotriya** - Counsellor (Science & Technology), Embassy of India, Moscow |