**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
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| **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, Lucknowdirector@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 Sciencesdirector@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**“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 ScienceBangalore - 560 012 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*«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 *“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 - 208016snt@iitk.ac.in ; 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 *“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 LaboratoryNew Delhi 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 FellowHead of Lab. Biologically active substancesAll-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, Lucknowpksingh@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 ResearchAll-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“*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“*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 *“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 **Alexey Novikov,** Ph.D., Deputy Director for Innovative Development, Novikov@riagro.ru **Konstantin Rodin,** Ph.D., Head of the Irrigation Melioration Department Rodin.ka@yandex.ruAll-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 ScientistHead-ProteinChemistryandTechnologyCSIR-Central Food Technological Research InstituteMysuru- 570020E-mail: 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 *“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 *“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*“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 “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 *“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*"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 **Tatiana A. Polezhaeva,** Ph.D. in Engineering polezhaevata@yandex.ru Department of Medical and Prophylactic and Baby NutritionVNIIFATs *«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 - 221005madhoo.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 - 721302mdbehera@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 FellowFederal Research Center for Agrarian Economy and Social Development of Rural Areas - All-Russian Research Institute for Agricultural Economicsok\_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 |