International Webinar on:

The Agriculture Of Tomorrow: What Solutions to Address Climate Risks?

Organized by:

The Department of Agronomic Sciences and Rural Economy – Higher School of Agriculture of Kef (ESAK), Tunisia.

Date & Time	Online Access	Moderators
Friday, November 27, 2026 | Starting at 10:00 AM (Tunis Time)	Videoconference via Google Meet https://meet.google.com/upy-taav-erd **Contact & Coordination** aziza.mohamed@esakef.u-jendouba.tn DSAER — ESAK, Le Kef, Tunisie	 Dr. Aziza Mohamed-Brahmi (ESA-Kef),Tunisia  Prof. Dr. Nora MIMOUNE (ENSV-Algiers), Algeria

Program

SESSION I — Nature-Based Solutions, Green, Blue, and Circular Economies, Agroecology, and AI to address Climate Risks

Time	Speaker, Affiliation & Scientific Topic	
10:00 - 10:10 Am		**Dr. Saïda HAMMAMI** *Assistant Professor, Resarcher in Landscape Science and Architechture, Higher Agronomic Institute of Chott-Mariem (ISA-CM), University of Sousse, Tunisia* **«Nature-Based Solutions for Climate-Resilient Territories»**
10:10 -10:25 Am		**Dr. Sadreddine BEJI,** *Associate Professor, Specialist in Organic Agriculture, Cereal and Forage Production — Higher School of Agriculture of Kef (ESAK), Tunisia* **«Cereals and the Green Economy in Tunisia: Cultivating Resilience, Enhancing Territories»**
10:25 - 10:35 Am		**Dr. Apolka Ujj** *Associate Professor, Environmental Management Specialist, Hungarian University of Agriculture and Life Sciences, Hungary, Department of Agroecology and Organic Farming.* **«Organic farming as a pathway to climate resilience»**

10:35 - 10:45 Am		**Dr. Rania MECHERGUI**, *Associate Professor, Specialist in Ecology, Management and Valorization of Forest Resources, National Institute of Research in Rural Engineering, Water and Forestry (INRGREF).* **«Leveraging AI and Big Data to Assess and Optimize Agrosilvopastoral Resources»**
10:45 - 10:55 Am		**Dr. Nawzat BOURIGUA (1)& Dr. Mouna Fartouna BELLAKHAL (2)** *Associate Professors, (1) Marine Biologist and (2) Biology and Biotechnology Researcher, Higher Institute of Marine Sciences of Bizerte (ISSMB)* **« Blue resilience , how blue innovation turns climate risks into economic opportunities (example of aquaculture sector)»**
10 :55 - 11:05 Am		**Dr. Iheb FRIJA,** *Associate Professor, Specialist in Agricultural Economics, Higher Agronomic Institute of Chott-Mariem (ISA-CM), Tunisia* **« Changement climatique et circularité : repenser les systèmes de production pour un avenir durable »**
11:05 - 11:15 Am		**Dr. Anissa RIAHI,** *Associate Professor, Specialist in Sustainable Agriculture and Agroecology, Director of the Higher School of Agriculture of Kef (ESAK), Tunisia* **«Vegetable Crops of Tomorrow: Anticipating Risks, Strengthening Resilience, and Succeeding in the Agroecological Transition»**
11:15-11:50 Am	**Discussion and Transition to Session II**	
SESSION II — Livestock, Genetics, and Reproductive Biotechnologies to Adress Climate Risks		
11:50 - 12:00 Am		**Assoc. Prof. Dr. Muhammad Irfan-ur-Rehman KHAN** *Tenured Associate Professor, Department of Theriogenology, Faculty of Veterinary Sciences, University of Veterinary & Animal Sciences (UVAS), Lahore, Pakistan.* **«Breeding through changing seasons: Lessons from Pakistan's sheep and goat».**
12:00 - 12:10 Am		**Prof. Dr. Bayrem JEMMALI,** *Professor, Livestock Science Specialist, Geneticien, Higher School of Agriculture of Mateur (ESAM), Tunisia.* **«Genetic Signatures for Improved Climate Resilience and Adaptation»**
12:10 - 12:20 Am		**Dr. Mohamed AROUA,** *Associate Professor, Specialist in Equine Production, Researcher. Higher School of Agriculture of Kef (ESAK), Tunisia* **«Eco-Efficiency and Integrated Water–Energy Governance: The Case of Agricultural Solar Photovoltaic Pumping in Tunisia»**

12:20 - 12h30 Am		**Prof. Dr. Yavuz ÖZTÜRKLER** *Head of the Department of Reproduction and Artificial Insemination, Faculty of Veterinary Medicine, Kafkas University, Kars, Türkiye.* **«Reproductive Biotechnology for the Agriculture of Tomorrow: The Ecological Benefits of Embryo Transfer in Cattle»**
12:30 - 12:40 Am		**Prof. Dr. Nora MIMOUNE,** *Higher National Veterinary School, Algiers, Algeria/Animal Biotechnologies Research Lab. & Biotechnology Platform BIOMERA, Blida University 1, Algeria.* **«Bovine Embryo transfer in Africa: Limits & Solutions to Sustain Agriculture»**
12:45 Am – 01 Pm		**Prof. Dr. Peter J. HANSEN** *Distinguished Professor, LE "Red" Larson Professor, Dept. of Animal Sciences, University of Florida, USA.* **« Two strategies to combat climate change in dairy cattle»**
SESSION III- PhD Student pitchings		
01:00 - 01:03 Pm		**Jihen TOUATI:** *PhD student , Conservation Agriculture — Higher School of Agriculture of Kef (ESAK), Tunisia,* **«Socio-Economic Impact of Agroforestry Systems (Multi-Strata and Alley Cropping with Vegetative Cover) on Farmers in North-West Tunisia in the Face of Climate Change»**
01 :03 - 01:06 Pm		**Doraa ISSAOUI** *PhD student, Conservation Agriculture – Higher School of Agriculture of Kef (ESAK), Tunisia.* **«Participatory Design of Sustainable Agroecological Livestock Systems in Arid and Semi-Arid Zones of North Africa: The Case of Ruminant Farming in Central Tunisia»**
01 :06 – 01 :09 Pm		**Salsabil MHAMDI** *PhD student, Conservation Agriculture – Higher School of Agriculture of Kef (ESAK), Tunisia.* **«Valorization of Marine Plant Debris (Posidonia oceanica) in the Diet of Zero-Grazing Dairy Cows as a Total or Partial Replacement for Oat Hay, and Study of Its Impact on Production Performance and the Physicochemical Quality of Milk and Fresh Cheese»**
01:15 - 02 Pm	**Discussion, Q & A session, and Official Webinar Closing**	