



National Webinar on



# Climate Resilient Livestock Production: Opportunities and Threats

*Director*



**Dr Himanshu Pathak**  
ICAR-NIASM

*Chief Guest*



**Dr BN Tripathi**  
DDG (AS), ICAR

**November 03, 2020**

*Speakers*



**Dr SS Honnappagol**  
Former: AH  
Commissioner (GOI)  
& VC, KVAFSU



**Dr RC Upadhyay**  
Ex Head,  
Animal Physiology,  
ICAR-NDRI



**Dr A Sahoo**  
Head,  
Animal Nutrition,  
ICAR-CSWRI



**Dr Bagath M**  
Sr Scientist,  
ICAR-NIANP



**Dr S Gaikwad**  
General Manager,  
Govind Milk & Milk  
Products Pvt. Ltd.

*Convener*



**Dr Nitin P Kurade**  
I/C Head, SASM,  
ICAR-NIASM

*Co-Convener*



**Dr Sachinkumar S Pawar**  
SASM, ICAR-NIASM



**Dr Bhaskar B Gaikwad**  
SASM, ICAR-NIASM

**Registration Link:**

<https://forms.gle/rZnQgqhWgB72RLsv9>

**Organized by**  
**ICAR- National Institute of Abiotic Stress Management**  
**Baramati, Maharashtra, India**

# Climate resilient livestock production: Opportunities and Threats

## 3<sup>rd</sup> November 2020

Global demand for livestock products is expected to double by 2050, with improvement in standard of living. Climate change, however, is now an established threat to livestock production. It impacts quality of feed crop and forage, water availability, livestock diseases, animal reproduction and biodiversity. As climate change brings new uncertainties, adding new risks, one of the most effective way for agriculture could be to increase its resilience to climate change. For imparting climate resilience for sustainability, it is important to improve our understanding of adaptation and mitigation options for extreme weather events, with a view to develop a climate-smart, resilient and sustainable production system, by integrating local weather information, precision farming technology and other opportunities available in the arena. The webinar has specific objectives of (a) understanding status and scope of climate resilient livestock production in the country; (b) identifying research gaps for adaptation/ mitigation strategies for climate resilience in livestock production system; (c) identifying possible research collaborators for research on climate resilient livestock production and (d) sensitizing and imparting knowledge on climate resilient livestock production.

Speakers	Topic	Time (IST)
 Introductory Remarks by <b>Dr Himanshu Pathak</b> , Director, ICAR-NIASM		10:00
 Inaugural Address by <b>Dr B.N. Tripathi</b> , DDG (AS), ICAR, New Delhi		10:15
 <b>Dr SS Honnappagol</b> Former: Animal Husbandry Commissioner (GOI) & VC KVAFSU, Bidar	<b>Status, Scope and challenges for livestock production in India</b>	10:35
 <b>Dr RC Upadhyay</b> Former Head, Animal Physiology, ICAR-NDRI, Karnal	<b>Climate change impact on livestock production</b>	11:00
 <b>Dr A Sahoo</b> Head, Animal Nutrition, ICAR-CSWRI, Awikanagar	<b>Nutritional strategies for climate resilient livestock production</b>	11:25
 <b>Dr Bagath M</b> Senior Scientist, ICAR- NIANP, Bengaluru	<b>Cutting edge biotechnology tools in climate resilient livestock production</b>	11:50
 <b>Dr S Gaikwad</b> General Manager, Govind Milk & Milk Products Pvt. Ltd., Phaltan	<b>Imparting climate resilience in dairy production : Initiative and experiences</b>	12:15
<b>General Discussion</b>		12:30
<b>Dr Himanshu Pathak</b> Director, ICAR-NIASM	Concluding remarks	12:50
<b>Dr Sachinkumar S Pawar</b> Scientist (SS), ICAR-NIASM	Vote of thanks	13:00