



Food and Agriculture  
Organization of the  
United Nations

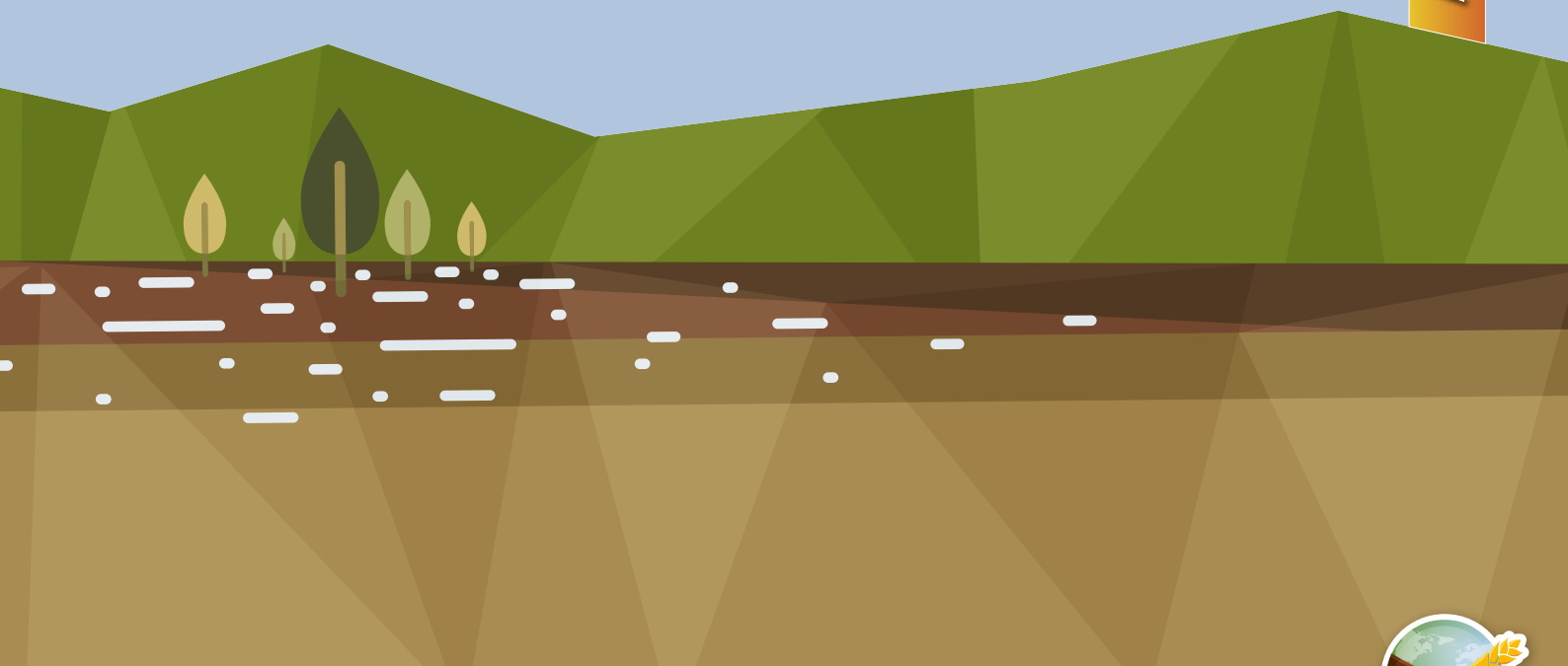
International Network of  
Salt-Affected Soils



# Crop nutrition in salt-affected soils

24 April 2024  
16:00 - 17:30 CEST

Agenda



GSP Webinars



This online event, involving researchers, practitioners, and stakeholders from around the world, will focus on the challenges and solutions for crop nutrition in salt-affected soils. The participants will discuss different aspects of this subject including the following points:

- Nutritional problems of salt-affected soils: Deficiencies and toxicities
- Nutrient behaviours in salt-affected soils
- Crop nutrition management in salt-affected soils
- Nutrient and crop wise management practices
- Case studies on crop nutrition management in salt-affected soils

The webinar is the fourth in a series of webinars organised by the International Network of Salt-Affected Soils of the Global Soil Partnership, an initiative which is aimed at raising awareness on sustainable management of salt-affected soils for food security, agricultural sustainability, environmental protection and climate change mitigation.

### **Program**

16:00-16:10 Introduction

**Jorge Batlle-Sales**, Chair, International Network of Salt-Affected Soils

16:10-16:25 Nutritional imbalances in salt-affected soils

**Muhammad Saqib**, Institute of Soil and Environmental Sciences, University of Agriculture, Faisalabad, Pakistan

16:25-16:40 Plants under salt stress: Is energy a limiting factor?

**Sven Schubert**, Institute of Plant Nutrition, Justus-Liebig University, Giessen, Germany

16:40-16:55 Case studies on crop nutrition management in salt-affected soils:  
with special reference to India

**Shiveshwar Pratap Singh, Rajendra Prasad**, Central Agricultural University, India

16:55-17:10 Adverse effect of Na and Cl on plants and strategies leveraging on saline soil heterogeneity to mitigate them

**Nadia Bazihizina**, Dipartimento di Biologia (BIO), Università Degli Studi Di Firenze, Italy

17:10-17:25 Round table with experts moderated by **Muhammad Saqib**

17:25-17:30 Concluding remarks

**Maria Konyushkova**, Food and Agriculture Organization of the United Nations, rapporteur of the round table

**Registration link : [https://fao.zoom.us/webinar/register/WN\\_kf2mLAd6SfayWJPrUIBdjg](https://fao.zoom.us/webinar/register/WN_kf2mLAd6SfayWJPrUIBdjg)**



The Global Soil Partnership (GSP) is a globally recognized mechanism established in 2012. Our mission is to position soils in the Global Agenda through collective action. Our key objectives are to promote Sustainable Soil Management (SSM) and improve soil governance to guarantee healthy and productive soils, and support the provision of essential ecosystem services towards food security and improved nutrition, climate change adaptation and mitigation, and sustainable development.



The International Network of Salt-Affected Soils (INSAS), launched in 2019 during the International Center for Biosaline Agriculture's (ICBA) first Global Forum on Innovations for Marginal Environments, is a Technical Network of the Global Soil Partnership (GSP) and follows its Rules of procedure. The Network aims to facilitate the sustainable and productive use of salt-affected soils for current and future generations. INSAS's mission is to support and facilitate joint efforts towards the sustainable management of SAS for food security, agricultural sustainability and climate change mitigation.

