

“FARMING ON A WARMING PLANET”

Future Earth National Committee- India Webinar Series I

KEYNOTE TALK

[Register here](#)



bit.ly/3TfQuZp

13 SEPTEMBER 2022

09:30-10:30 AM IST

ABSTRACT

Human civilizations flourished during the Holocene, a period of relatively stable climate. Sedentary agriculture allowed our numbers to skyrocket to nearly 8 billion today. But 1 in 10 people remain undernourished and our numbers are expected to rise to nearly 11 billion by 2100. At the same time, our current agricultural practices are one of the major causes of global environmental change, including climate change. Climate change, in turn, is expected to severely damage our farming system. This talk will present an overview of estimated impacts of climate change on crop production globally, and specifically for India. It will also explore ideas for making agriculture “climate smart”. Our farming systems developed during a time of relatively stable climate, can we continue to farm the same way in an anticipated future with a different climate and increased extreme events?

SPEAKER



Dr. Navin Ramankutty

Professor,
Canada Research Chair,
Data Science for Sustainable
Global Food Systems,
University of British
Columbia

Navin Ramankutty is Professor and Canada Research Chair in Data Science for Sustainable Global Food Systems at the School of Public Policy and Global Affairs and the Institute for Resources, Environment, and Sustainability at the University of British Columbia. He was trained originally as an engineer, but his interests shifted over the years to climate science, global ecosystem science, and land & food system science. Today his research uses global data and models to explore solutions for sustainably feeding humanity.



CONVENOR

Dr. M Rajeevan
MoES Distinguished Scientist
National Centre for Earth
Science Studies (NCESS)



futureearth
Research. Innovation. Sustainability.