

States are witnessing dry spells, as confirmed by the India Meteorological Department after analysing decades of rainfall data.

Monsoon characteristics have been significantly affected, leading to changes in rainfall patterns, intensity and frequency. These shifts are ongoing and are closely tied to rising global temperatures. Consequently, extreme weather events such as flash floods are on the rise due to impact of climate change on the monsoon season. These effects will continue to intensify with further temperature increases. Persistent heavy rainfall spells result in floods, directly affecting agriculture and infrastructure leading to human migration and loss of life. From deficit rainfall affecting agriculture in Andhra Pradesh to unprecedented floods in other States, India is already experiencing the consequences of changing rainfall patterns.

Therefore, I request the Government to invest in research to better understand and predict these patterns, leading to development of improved mitigation and early warning systems for such scenarios. This information will enable us to reduce our vulnerability to climate change and undertake mitigation measures to lower the risk of extreme weather events.

DR. JOHN BRITTAS (Kerala): Sir, I associate myself with the Special Mention made by the hon. Member.

SHRI ABIR RANJAN BISWAS (West Bengal): Sir, I also associate myself with the Special Mention made by the hon. Member.

### **Concern over the growing risk of anti microbial resistance in India**

DR. FAUZIA KHAN (Maharashtra): Sir, Antimicrobial Resistance presents a serious global health challenge with 2,97,000 deaths directly attributed to it in India and an additional 10,42,500 deaths associated with it in the year 2019. The growing resistance to newer and more sophisticated drugs further complicates the issue. Various factors contribute to the rise in AMR in India are injudicious use of antimicrobial drugs; over the counter availability of drugs attributed to poverty, misinformation and unawareness; climate change; growth of pharmaceutical industry and environmental pollution through improper disposal of pharmaceutical waste and factors like antibiotic use in livestock. Food industry has witnessed a 577 per cent increase in poultry consumption in three decades which has led to extensive non-therapeutic antimicrobial use to meet market needs. Consumption of animal products rich in resistant microbial strains by humans further contributes to AMR.

There is an urgent need to address the issue through proper measures by the Government. For instance, increasing R&D investment for AMR which is presently at 0.01 per cent of the total GDP expenditure on health research.

WHO reports a decrease in antibiotic consumption, with 47.1 per cent involving unapproved drugs, necessitating a regulatory body for streamlining initiatives with a country as diversely populated as India.

SHRIMATI JEBI MATHER HISHAM (Kerala): Sir, I associate myself with the Special Mention made by the hon. Member.

SHRI SANDOSH KUMAR P. (Kerala): Sir, I also associate myself with the Special Mention made by the hon. Member.

DR. JOHN BRITTAS (Kerala): Sir, I also associate myself with the Special Mention made by the hon. Member.

DR. KANIMOZHI NVN SOMU (Tamil Nadu): Sir, I also associate myself with the Special Mention made by the hon. Member.

SHRI M. MOHAMED ABDULLA (Tamil Nadu): Sir, I also associate myself with the Special Mention made by the hon. Member.

SHRI ABIR RANJAN BISWAS (West Bengal): Sir, I also associate myself with the Special Mention made by the hon. Member.

MR. CHAIRMAN: Shri Naresh Bansal on 'Demand to connect Dehradun-Ramnagar, Saharanpur-Dehradun-Chakrata-Uttarkashi and Dehradun-Saharanpur to broad gauge line.'

**Need to connect Dehradun-Ramnagar, Saharanpur-Dehradun-Chakrata-Uttarkashi and Dehradun-Saharanpur to Broad gauge line**

**श्री नरेश बंसल** (उत्तराखंड) : महोदय, यह दुख का विषय है कि आज़ादी के इतने साल बाद भी पहाड़ रेल, फोर लेन व ऑल वेदर रोड से वंचित रही। आदरणीय प्रधान मंत्री श्री नरेन्द्र मोदी जी ने इस दर्द को समझा व इसकी मंजूरी देने के साथ ही लक्ष्यबद्ध कार्यक्रम के तहत इसका कार्य भी शुरू हो गया, जो निश्चित रूप से रिकॉर्ड समय पर पूरा भी होगा। प्रधान मंत्री नरेन्द्र मोदी जी के नेतृत्व में बाबा केदारनाथ जी तथा भगवान बद्री विशाल जी के धाम का जो विकास कार्य हो रहा है,