

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO.3440
TO BE ANSWERED ON 22/3/2017**

IMPACT OF CLIMATE CHANGE

**3440. DR. J. JAYAVARDHAN:
SHRI MOHITE PATIL VIJAYSINH SHANKARRAO:
SHRIMATI SUPRIYA SULE:
SHRI SATAV RAJEEV:
SHRI DHANANJAY MAHADIK:**

Will the Minister of **SCIENCE AND TECHNOLOGY** विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

- (a) whether Britain's earth observation community is linking with Indian experts to assess the impact of climate change and the associated green house gas emission on agriculture in the Indo-Gangetic Plains;
- (b) if so, the details thereof along with the main focus area of the project;
- (c) the advantage India is likely to get out of this study;
- (d) whether the project is funded by the UK-India education and research initiative and the Ministry and if so, the details thereof; and
- (e) the time by which the study will be started and completed?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES
(SHRI.Y. S. CHOWDARY)**

विज्ञान और प्रौद्योगिकी मंत्रालय में राज्य मंत्री और पृथ्वी विज्ञान मंत्रालय में राज्य मंत्री

(श्री वाई. एस. चौधरी)

(a) & (b): Yes Madam. The Department of Science and Technology, Government of India, and the British Department of Business Innovation and Skills have agreed to facilitate a network linking researchers from University of Leicester and IIT, Kanpur, through a joint project combining expertise from Earth observation, in-situ observations and land surface modeling. The primary aim of this project is to better understanding of the sensitivity of agricultural productivity in the Indo-Gangetic Plain (IGP) to climatic disturbances in environmental conditions.

(c) In view of reports that Indian sub-continent will see a significant rise in mean temperature and an increased possibility of climate extremes, the project implementation will result in better our understanding of regional vulnerabilities, such as IGP and in development of appropriate adaptation strategies for dealing with future climate variability and change.

(d) & (e): Department of Science & Technology, Government of India, and the British Department of Business Innovation & Skills have agreed to extend financial support for this project commencing 2017 for a 3 year period.
