

**Economics  
Seminar  
Series  
2020**



**SOUTH ASIAN UNIVERSITY  
FACULTY OF ECONOMICS**

***Seminar***

***Persisting Impact of Rainfall Shocks on Educational Outcomes in Later Life***

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Uttar Pradesh**

**Date:** January 30, 2020  
(Thursday)  
**Time:** 2:30 p.m.  
**Venue:** FSI Hall  
Akbar Bhawan, Satya Marg,  
Chanakyapuri, New Delhi

**All are Welcome**

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**ABSTRACT**

Malnutrition in the early childhood disrupts the future trajectory in terms of health, educational and labor market outcomes. Exploiting the exogenous variation in the degree of malnutrition due to rainfall shocks, we estimate the impact of negative rainfall shocks at the time of birth on the educational outcomes such as years of education completed and STEM as the field of study. Using the Indian Human Development Survey (IHDS-2) data of 2011-12, and rainfall data from the University of Delaware, results based on the household fixed effects model show that rainfall shocks at the time of birth are unable to affect the later life educational outcomes. Our results are robust to various subsamples.

(JEL Codes: I20, I10)

Keywords: Rainfall shocks, Educational Attainment, Postsecondary education, STEM, India.