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DAMS*

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Abstract

This paper studies the productivity and distributional effects of large irrigation dams in India. One intromental variable estimates exploit the fact that river gradient affects a district's unitability for dome. In districts located downstream from a dom, agricultural production increases, and vulnerability to minfall shocks declines. In contract, agricultural production shows an insignificant increase in the district where the dam is located but its volatility increases. Rural poverty declines in downstream districts but increases in the district where the dam is built, suggesting that ackides markets nor state institutions have alleviated the adverse distributional impacts of dam constructions.

"Penals thanks 1807 for flavorid support under gent 1805-01703. We think, without implicating the office Learness Edia, below accuration advants. Martinan Bettrand, Michael Germeiner, Agap Daton, Gong Floder Michael Kenner, Dominic Lugartt, T.N. Stationen, Chris Lider, and, especially, Ablight Baselpe and Chris Hame et commercia, and suggestions. We also blanks Jamon Frenke, 1808, Richardis, Calles Senti, and Hyang Wao for accellunt research assistance, CEESIN at Cohnolis University to GIS help, and Ablight Baselpe, Shane Cide, Sent Javorkandows, Staliberth Shaness, and reservide Petrit Tominion to be shared their details.

Dams

This paper studies the productivity and distributional effects of large irrigation dams in India. Our instrumental variable estimates exploit the fact that river gradient affects a district's suitability for dams. In districts located downstream from a dam, agricultural production increases, and vulnerability to rainfall shocks declines. In contrast, agricultural production shows an insignificant increase in the district where the dam is located but its volatility increases. Rural poverty declines in downstream districts but increases in the district where the dam is built, suggesting that neither markets nor state institutions have alleviated the adverse distributional impacts of dam construction.