

Climate hazards are threatening vulnerable migrants in Indian megacities

Comment | Published: 19 July 2021

Climate hazards are threatening vulnerable migrants in Indian megacities

Vittal Hari ✉, Suman Dharmasthala, Akash Koppa, Subhankar Karmakar & Rohini Kumar ✉

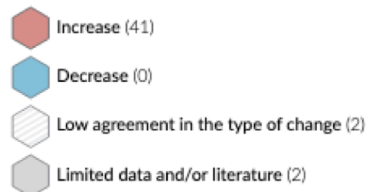
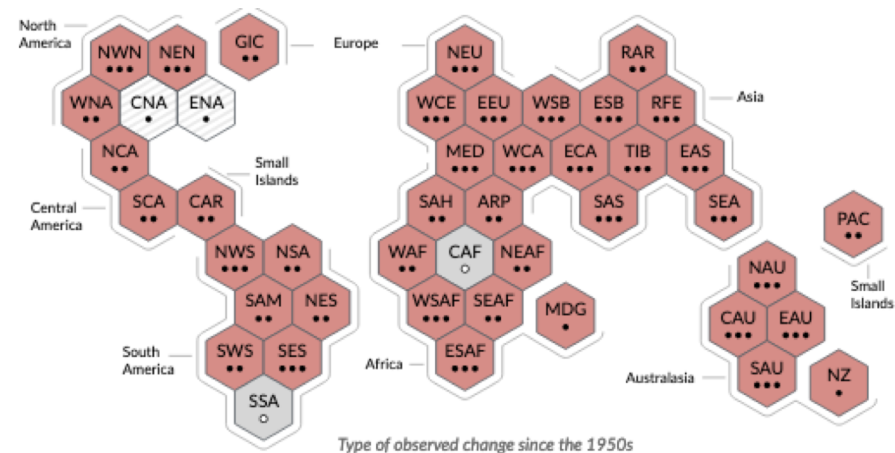
Nature Climate Change 11, 636–638 (2021) | [Cite this article](#)

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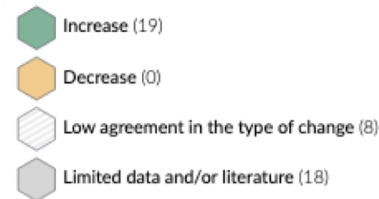
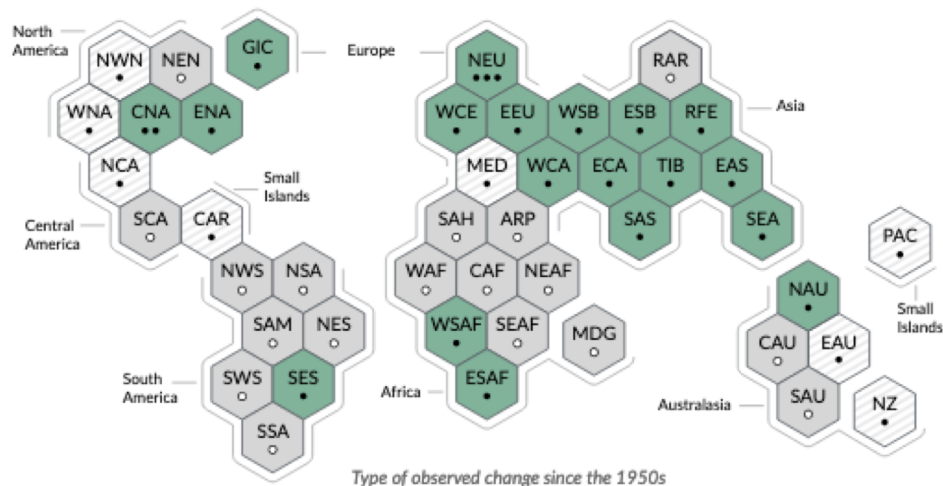
Hot extremes



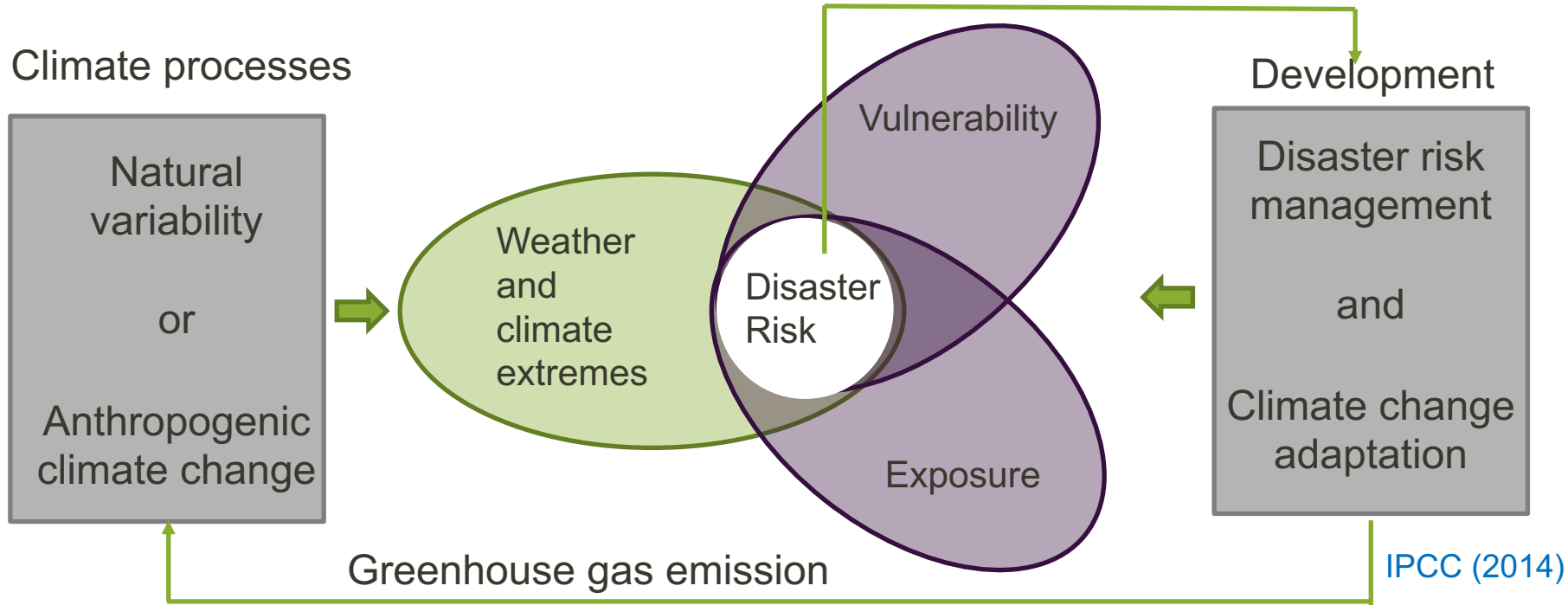
Confidence in human contribution to the observed change

- High
- Medium
- Low due to limited agreement
- Low due to limited evidence

Heavy precipitation



IPCC, 2021



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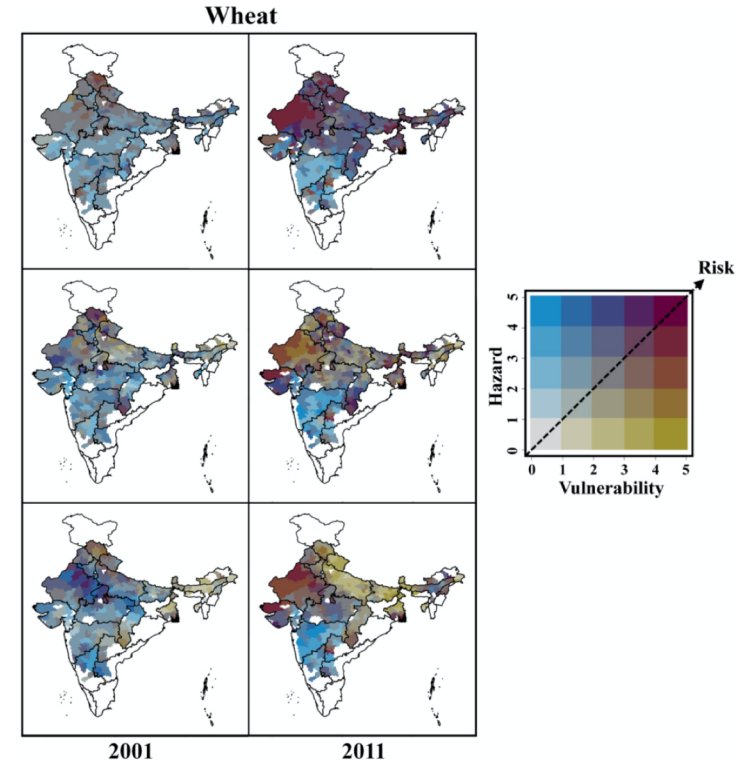
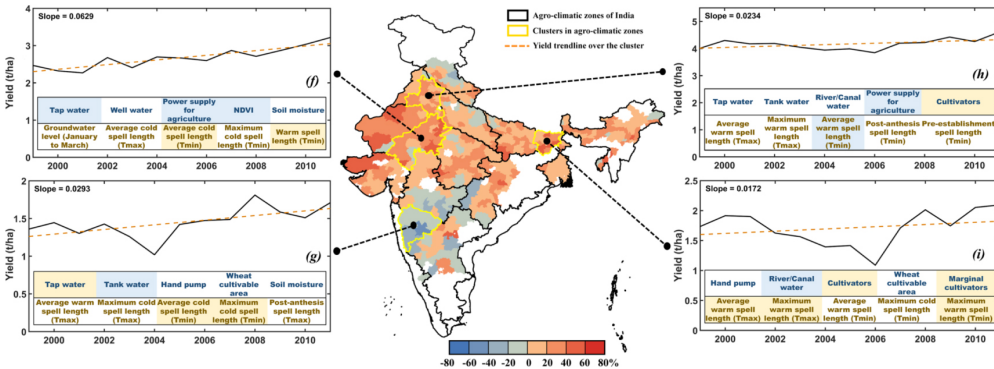
Increasing agricultural risk to hydro-climatic extremes in India

Tarul Sharma¹ , H Vittal^{2,3,4} , Subhankar Karmakar^{1,2,5}  and Subimal Ghosh^{1,5,6} 

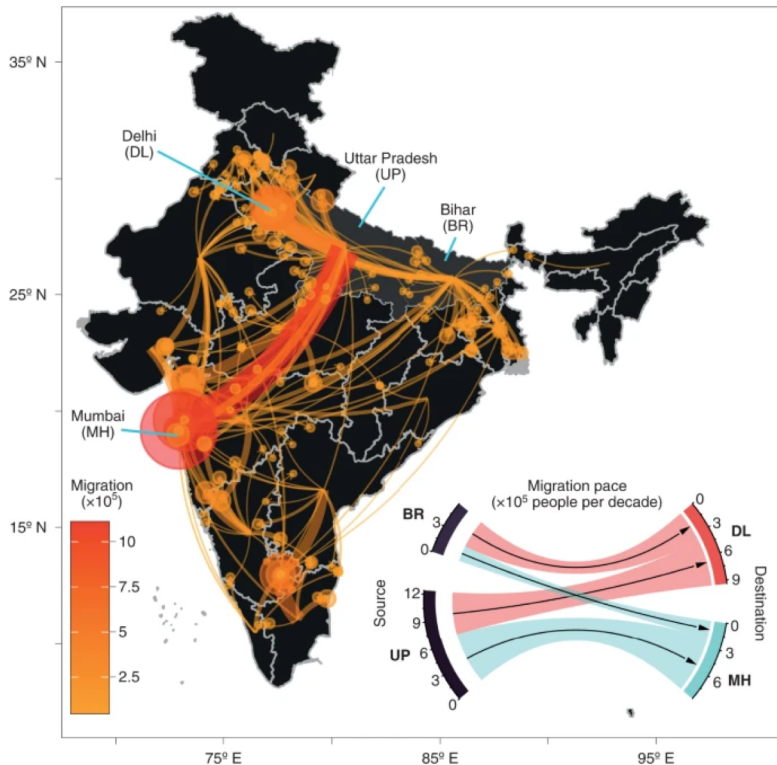
Published 18 February 2020 • © 2020 The Author(s). Published by IOP Publishing Ltd

[Environmental Research Letters](#), Volume 15, Number 3

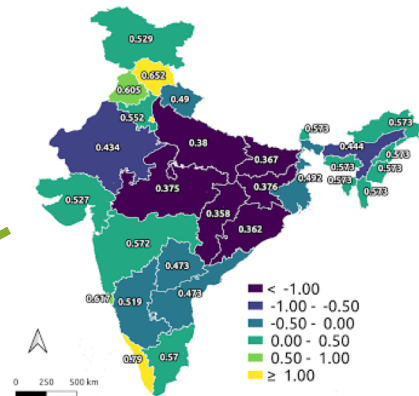
Citation Tarul Sharma et al 2020 *Environ. Res. Lett.* 15 034010



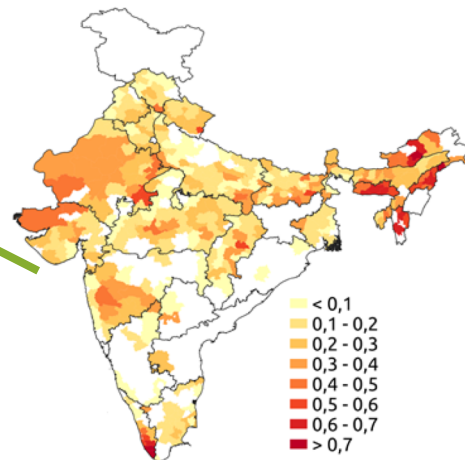
Net migration (2011)



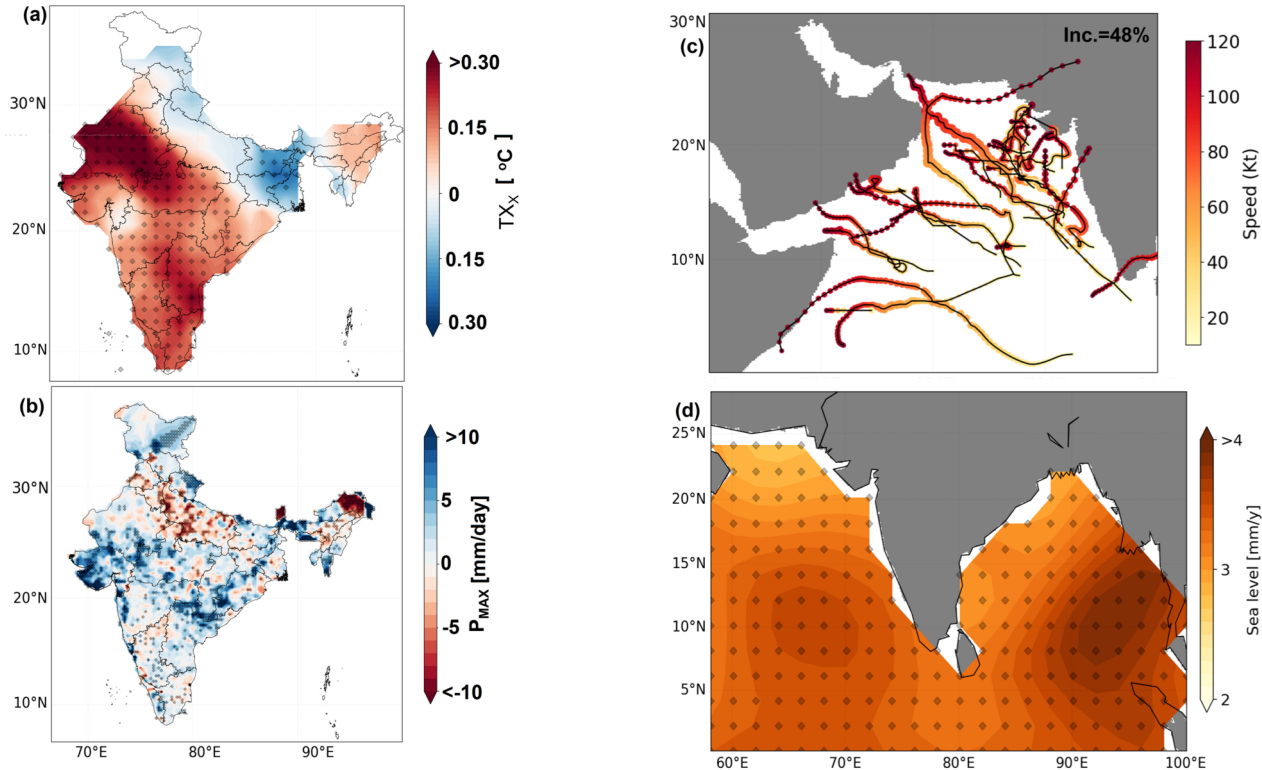
Human Development Index (HDI)



Changes in Agricultural vulnerability b/w 2011 and 2001



Climate hazards at the destination location!



The way forward!

- The services which are important for the subsistence of the migrants, such as healthcare and housing, are generally not accessible at destinations.
- In addition, the lack of access to education, which is hindered by language barriers, and lack of housing due to limited and/or unaffordable housing supply in megacities, exemplifies the existing vulnerability of migrants to a large extent.
- Therefore, while devising policies for climate mitigation and adaptation, special focus is needed for attenuating the vulnerability of the marginal migrants in megacities and other major destinations.

Thank you!

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