

NEW BLOG



Climate and
Sustainability
Initiative



INDIA'S RICE BOWL IS CHANGING



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What climate
risk means for
Chhattisgarh's
future?



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THE IDENTITY

In Chhattisgarh, paddy is not just a crop.

It sustains nearly **80% of livelihoods**, drives the state's economy, and shapes everyday life across regions. This is why it's called India's Rice Bowl.



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THE DEPENDENCY

But this identity comes with a trade-off.

Paddy covers almost **80% of the cropped land** making the entire system dependent on a single, water-intensive crop.

When one crop dominates, risk becomes concentrated.



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THE SHIFT

Now, the climate is changing that equation.
The core rice-producing plains are seeing:

- More erratic rainfall
- Rising temperatures
- Increasing dry conditions

The region is slowly shifting from reliable
to uncertain.



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THE IMPACT

And the effects are already visible.

Yields are declining. Extreme weather is causing sharp losses.

Even a small rise in temperature can significantly reduce output.

For a state this dependent on paddy, this is not just an agricultural issue — it is an economic risk.

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THE TURNING POINT

This raises a critical question:

Can a system built for a stable climate survive in a volatile one?

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THE WAY FORWARD

The answer lies in adapting early.

- Less water-intensive farming methods
- Better water storage and management
- Real-time weather and farm-level data

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THE LARGER INSIGHT

Chhattisgarh's story is not isolated.
It reflects a larger shift across climate-
vulnerable agricultural systems.

**The future of food security will
depend on how quickly we build
resilience into the system.**

**Read the full blog on www.csiglobal.co
for the complete analysis.**