



Climate Change Capacity Building: *Understanding the climate risks facing the cotton sector and exploring the implications for future production*

Wednesday 22 June: 09:10 – 09:30 (20 min)

With Speaker:



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the Future and Cotton 2040



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Understanding the Climate Risks Facing the Cotton Sector and Exploring The Implications for Future Production



**COTTON
2040**



ACCLIMATISE
building climate resilience
WillisTowersWatson 

IAIN WATT

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the Future



**better
cotton**TM
conference 2022

Global Context

IPCC: Half of global population ‘highly vulnerable’ to climate crisis impacts

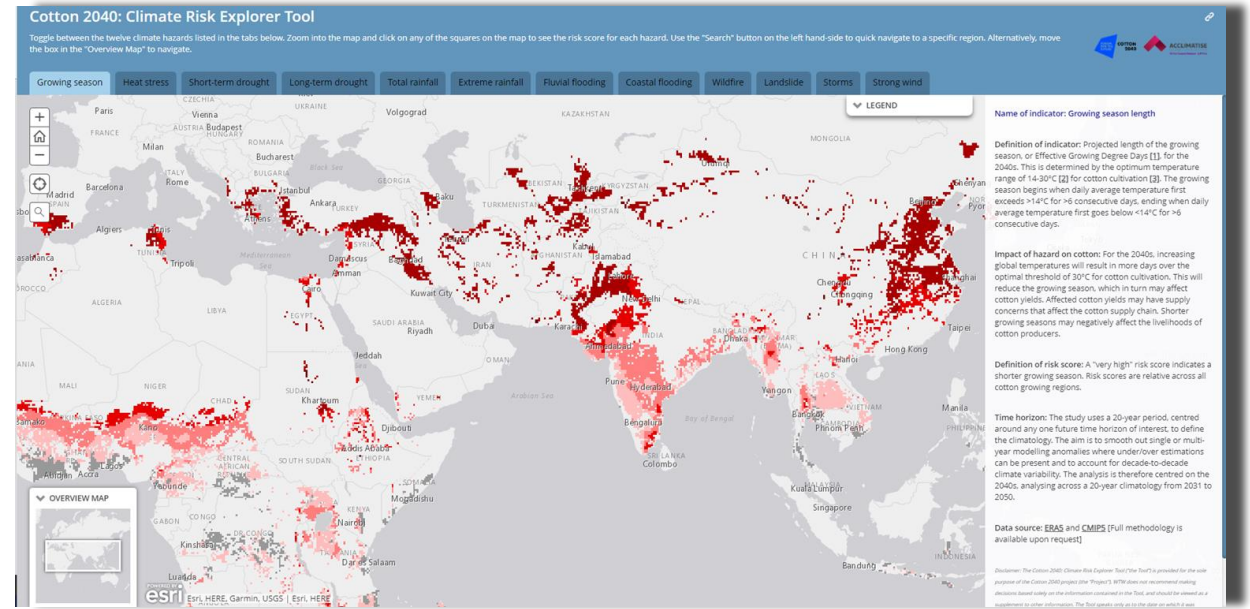
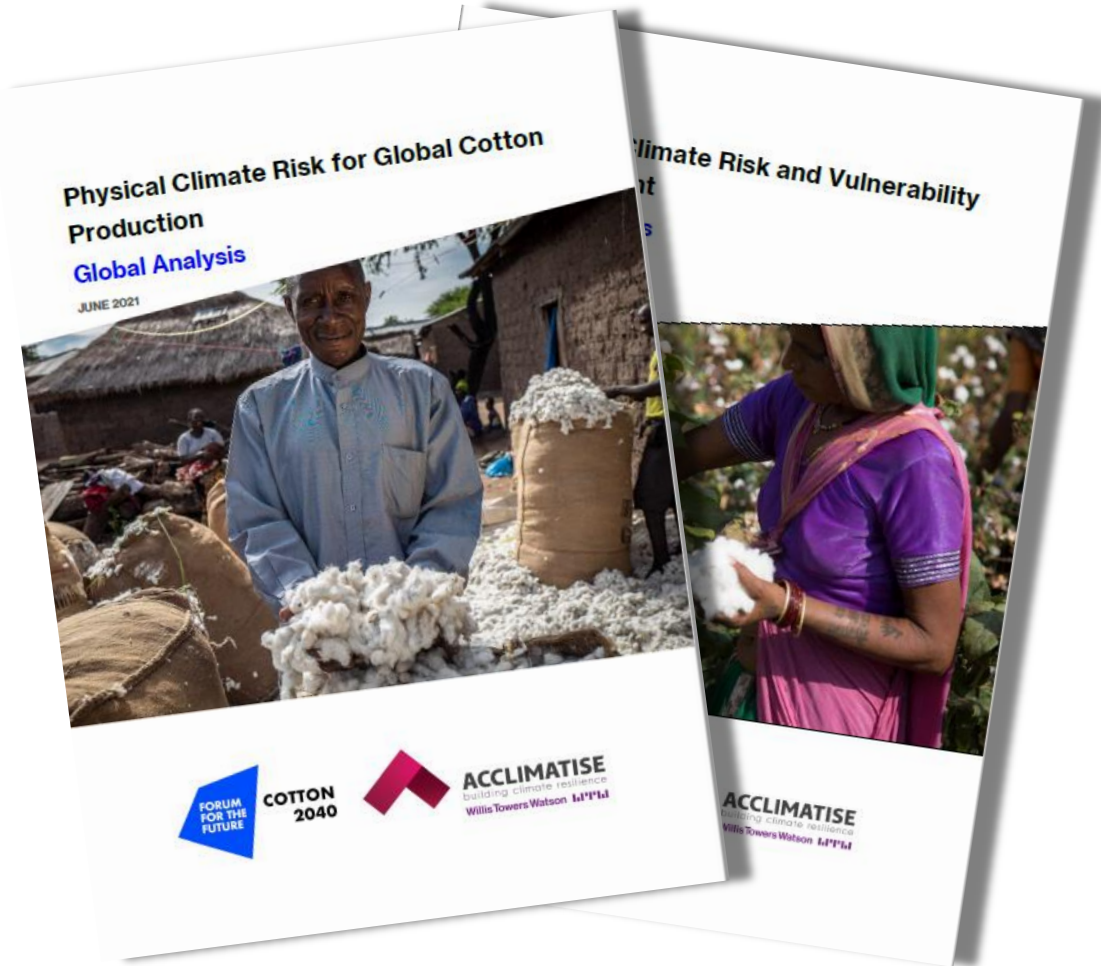
The Intergovernmental Panel on Climate Change (IPCC) has published a major report on the likely future impacts of the climate crisis, providing starker warnings than ever before on risks to the economy, nature and human health.

Freshwater planetary boundary “considerably” transgressed: New research

Land-hungry ‘net zero’ schemes could force an 80 percent rise in global food prices and more hunger while allowing rich nations and corporates to continue “dirty business-as-usual”

Using land alone to remove the world’s carbon emissions to achieve ‘net zero’ by 2050 would require at least 1.6 billion hectares of new forests, equivalent to five times the size of India or more than all the farmland on the planet, reveals a new Oxfam report today.

A Report that is First of Its Kind



Climate Hazards to Cotton

Analysis highlights that all global cotton growing regions will be exposed to increased risk

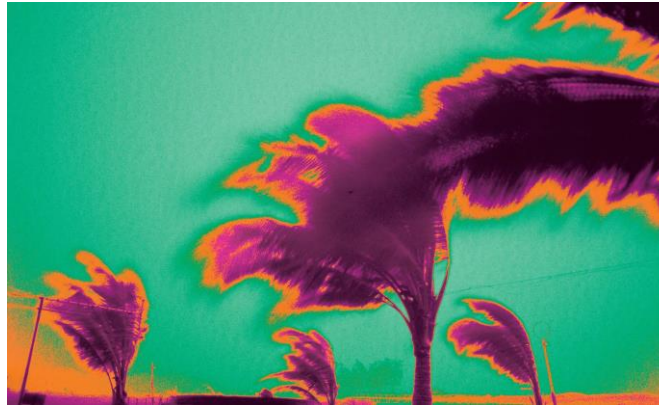
All six highest cotton-producing countries are exposed to increased climate risk



Flooding



Drought & Heat Stress



Wind & Storms



Landslide



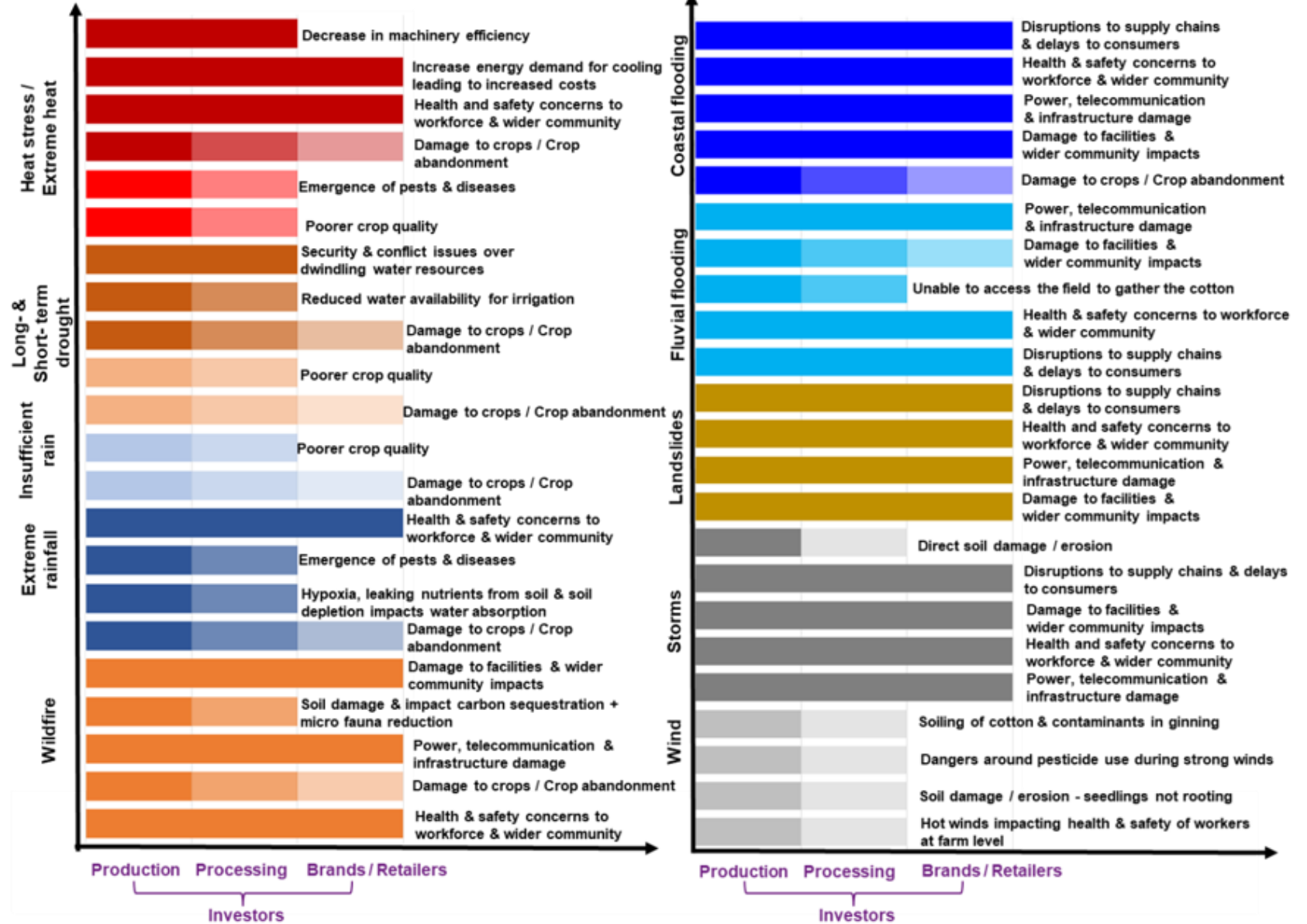
Precipitation




Wildfires

Implications for the Cotton Sector

Climate change will affect every element of supply chains, and it will be impossible for brands, investors or other actors to avoid climate risk exposure





“The findings indicate that some regions are set to face high or very high exposure to up to seven climate hazards. India is the largest cotton producing nation and the writing is on the wall for the sector to proactively tackle these risks.”

ANITA CHESTER, HEAD OF MATERIALS, LAUDES FOUNDATION

What This Means



A systemic approach to building resilience is needed



Investing in climate justice and socio-economic resilience IS investing in climate resilience



What to take away?

1

No growing region will be unaffected

Impacts will affect every element of the cotton value chain

2

3

Urgent coordinated and interlinked action on adaptation is needed with climate justice and equity at the core to build sector's resilience

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Cotton +
Climate Action

Thank you

