

Floods, Food & the Future of Fashion: It's been a summer of floods & heavy rains in China. So for this month, we turn our focus to floods and what a changing climate means for growing food and the future of fashion. Leading water experts, Professor K Biswas & Cecilia Tortajada, expand on the costs of floods in China & share with us how to mitigate this destructive force. Meanwhile, we look at lessons & opportunities in flood insurance in China. Floods can also damage crops yet they cannot survive without water. Here, we see 8 reasons to invest in irrigation in China. However, reining in China's agricultural water demand means inevitable trade-offs. The growing of thirsty cotton has been de-prioritised but how will the textile industry respond? We look at top fashion brands' sustainability actions & explore circular fashion today with insights from leading circular fashion innovators. Has there been improvements one year one? Who's not yet going circular? Ultimately, the question is whether dirty thirsty fashion has a future in a Beautiful China? We don't think so - there are short term & long term water risks but then again, opportunities are also abundant. Also check out our latest brief: "Today's Fight for the Future of Fashion - Is there room for fast fashion in a Beautiful China?" Get updated and on top of these and find out what this means for OEMs and brands now! See you at World Water Week!



AUGUST NEWSLETTER

EDITORIAL 🍂

Floods, Food & the Future of Fashion: It's been a summer of floods and heavy rains in China with over 1,500 cities affected. So for this month, we turn our focus to floods and what a changing climate means for growing food and the future of fashion.

Global average annual flood losses are estimated at \$104 billion with China incurring the highest losses, followed by the US and India. Leading water experts, Professor Asit K Biswas and Cecilia Tortajada, expand on the significant social & economic costs of floods in China and share with us how to mitigate this destructive force.

Meanwhile, we look at flood insurance. With only 2% of RMB147 billion of losses from the 2016 summer floods covered, the future of flood insurance looks bright, but is it? Can we learn from past failed pilots? Check out the lessons & opportunities.

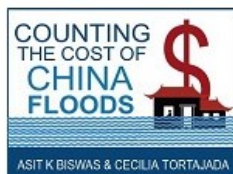
Floods are also intimately linked with the agricultural sector, in fact almost all rural flood insurance in China are currently covered by agriculture insurance. Floods can damage crops yet they cannot survive without water. With China's irrigation demand as high as the flow of the Pearl River and 18 million more hectares set to adopt water-saving tech by 2030, we can see 8 reasons for investing in irrigation.

However, reining in China's agricultural water demand means inevitable trade-offs. The growing of thirsty cotton, for one, has been de-prioritised with 2015 production down by 9.3%. As India overtakes China as the largest producer of cotton, how will the textile industry respond? We look at top fashion brands' sustainability actions and explore circular fashion today with insights from leading circular fashion innovators. Has there been improvements one year one? Who's not yet going circular?

Ultimately, the question is whether dirty thirsty fashion has a future in a Beautiful China. Can they be together forever? We don't think so - there are short term and long term water risks for the global fashion industry but then again, opportunities are also abundant.

Finally, we have summarised our past work in the textile sector our latest brief: "Today's Fight for the Future of Fashion - Is there room for fast fashion in a Beautiful China? Get updated and on top of these and find out what this means for OEMs and brands now - click [here!](#)

See you at World Water Week! Do come to our session on 1 September 2016 co-hosted with IASS and GWP for a sneak peek at our soon to be released report "Toward Water Risk Valuation" with feedback from asset owners/investors from >50 over financial institutions/funds.



Counting the Costs of Floods in China

With China in the midst of one of its worst flood episodes in history, Asit K Biswas & Cecilia Tortajada look at the significant social & economic costs of floods. What can be done?

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TAPPING IN 🚰

New CWR Brief!

- [Today's Fight for the Future of Fashion - Is there room for fast fashion in a Beautiful China?](#)



CWR Related Events

- 29 Aug - 2 Sep: [World Water Week, Stockholm](#): Sneak Peek at our soon to be released report at our session with IASS & GWP on 1 Sep at 9am
- 6 - 8 Sep: [PRI in Person 2016, Singapore](#): CWR on panel: "Weather Proofing Your Portfolio"

Government

- MLR, MIIT, MoF, MEP & NEA: [Guiding Opinions on Strengthening the Mine Geological Environment Recovery and Comprehensive Management](#) - focus on pollution treatment & remediation for new & operational mines
- MEP: [13FYP Implementation Plan on EIA Reform](#) "3 Lines & 1 list": (1) ecological red lines, (2) environmental quality minimums (3) resource use maximums & negative list of market access to include environ factors
- MIIT: [Industrial Green Development Plan \(2016-2020\)](#) pollution reduction, green production, water use per unit of ind. value-added to fall by 23% in 13FYP &



Flood Insurance in China: Lessons & Opportunities
 Only 2% of the RMB147bn of losses from 2016 summer floods are covered. With various pilots failing since the 80s, Liu expands on past & future role of flood insurance for CWR
[Read this article →](#)



8 Reasons to Invest in Irrigation in China
 China's irrigated areas need water equivalent to the Pearl River flow. With 18mn more hectares set to adopt water-saving tech by 2030, CWR's Hu gives 8 reasons to invest
[Read this article →](#)



1 Year On: Where Are The Top Fashion Brands?
 It's one year on but have brands upped their sustainability actions? We take a closer look at who's going circular & who's leading the pack. CWR's McGregor & Chan reviews
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Circular Fashion Today
 A circular economy is not a new idea but it will ensure a bright future for fashion. With China setting policy towards this, check out the latest developments & voices from leading circular fashion innovators
[Read this article →](#)



Future Fashion & Beautiful China - Together Forever?
 Is there really room for dirty thirsty fashion in a Beautiful China? Or does fashion need to go business unusual? See why it's time for fashion to become beautiful both inside & out
[Read this article →](#)

more

- State Administration of Grain: [Guiding Opinions on Accelerating Supply-side Structural Reform of Grain Sector](#) increase efficiency & higher standard in R&D, grain stockpiling, storage, logistics & wholesale

Reports




- Syntao: [A Journey to Discover Value: CSR Annual Report 2015](#)
- Greenpeace: [Detox Catwalk 2016 Report](#)
- CIFOR: [Global Landscapes Forum: The Investment Case - Outcome Statement](#)

Interest

- State Council: sets 2020 R&D targets; more focus on agri, green energy & environ protection
- MEP: 1H2016 surface water with Grade I-III quality rises 2.8% but Grade V+ also up 0.8%
- Supreme Court: 37,216 first instance criminal cases of environ crimes Jan 2014-Jun 2016
- New rules drafted to curb mining pollution; >85% of wastewater must be treated & more
- RMB199 mn for weather modification to combat drought & lower natural disaster impacts
- EU WTO challenge to Chinese raw material duties on 11 key metals & minerals

Hot on Weibo:


- Blue skies & clean water ahead of G20, but can it last?

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