

Hopes & Fears: Our world seems to be increasingly split into that of hope and fear. Given this, we look at what is making us hopeful and fearful this festive season. On the "hope" side, yes, our glaciers are melting but Wangchuk of SEMCOL is making artificial glaciers as we learn in our interview with him. Meanwhile, as the US and EU are pulling back foreign aid, Prof Biswas & Hartley from the Lee Kuan Yew School for Public Policy see this as an opportunity for China. Then in fashion, where hyper-consumption continues to grow, so too is the mainstreaming of sustainability. Catch up on industry buzz with CWR's McGregor. On the "fear" side, if you're partial to Moutai, water risks along the Chishui "intoxicating" River could spell change as we warn. Meanwhile, "Fish forever more" (年年有"鱼") could also be in jeopardy. We leave you to mull over these hopes and fears plus, CWR Tan's thoughts on our contradictory behaviours from tech to values. We remain exuberant with China's Water Pollution Prevention and Control Law coming into effect on 1 January 2018 and hope you do too. Happy Holidays from the China Water Risk Team!



DECEMBER
NEWSLETTER

EDITORIAL 📌

Hopes & Fears: Our world seems to be increasingly split into that of hope and fear. Given this, we look at what is making us hopeful and fearful this festive season. What we found is that in many cases it's not as simple as hope or fear but rather a mix of both.

On the "hope" side, COP23 just wrapped up and global momentum on climate action is going strong. Yes, our glaciers are melting but Sonam Wangchuk, founding-director of the Students' Educational and Cultural Movement of Ladakh, is making artificial glaciers on the top of the world as we learn in our interview with him. Meanwhile, as the US and EU are pulling back foreign aid, Professor Asit K. Biswas & Kris Hartley from the Lee Kuan Yew School for Public Policy see this as an opportunity for a new and willing aid champion, China. Then in fashion, where hyper-consumption continues to grow, so too is the mainstreaming of sustainability and drive for clean & circular. Catch up on recent industry buzz with CWR's McGregor.

On the "fear" side, Arctic permafrost is thawing faster than ever and 37 countries require food aid due to drought, flooding and conflict. Plus, if you're partial to Moutai, be it the drink or companies' performance, water risks along the Chishui "intoxicating" River could spell change as we show. Meanwhile, "Fish forever more" (年年有"鱼") could also be in jeopardy due to aquaculture's sizeable water footprint and China as the top producer and exporter.

We leave you to mull over these hopes and fears plus, CWR Tan's thoughts on our contradictory behaviours from tech to values and if our egos are kidding us into thinking we can solve it all. Overall we remain exuberant, especially with China's Water Pollution Prevention and Control Law coming into effect on 1 January 2018 and hope you do too.

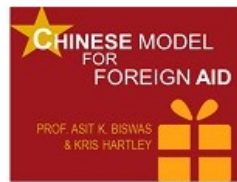
Happy Holidays from the China Water Risk Team!



Making Glaciers On Top Of The World

We sat down with Wangchuk of SEMCOL to learn why he is & what challenges there are to overcome in creating artificial glaciers, known as Ice Stupas

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A Chinese Model For Foreign Aid

As the US & the EU retreat from their foreign-aid commitments, Prof. Biswas & Hartley from the Lee Kuan Yew School for Public Policy see this as an opportunity for a new aid champion, China. See why

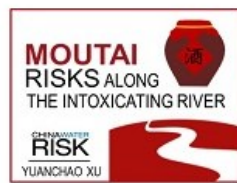
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Fashion Headlines This Festive Season

With lots happening in fashion over the last quarter, CWR's McGregor shares what is making her hopeful but also fearful. Plus, see what is forcing the industry to develop a new relationship with pollution

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Moutai: Risks Along The Intoxicating River

Moutai's stocks have soared & with a 90% profit margin it is hard not to have a hopeful outlook but CWR's Xu warns of river basin risks - best to keep a clear head

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Aquaculture: 8 Fishy Facts

Think because we get fish from water that its "Fish forever more" (年年有"鱼")? CWR's Chan shares 8 must-knows on aquaculture that will make you re-think fish and an abundant future supply

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Hopes & Fears While Remaining Irrationally Exuberant

Spurred by recent news, CWR's Tan shares her musings from not kidding ourselves, including that tech will solve-all, to adjusting our goals and piercing our irrational bubbles to bring down waste

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Happy Holidays from China Water Risk!

TAPPING IN 🌧️

Government

- MoF, SAT, MWR: [Measures for Expanding the Pilot Project of Water Resources Tax Reform](#): expanded to 9 additional provinces
- NDRC, MoF, MoHURD: [Opinions on Promoting the Construction of Resource Recycling Bases](#): increase reuse rate >30% by 2020
- NDRC, MWR: [Opinions on Comprehensive Demonstration Work on Agricultural Water Saving in Large & Medium Irrigation Areas](#): improve agricultural water rights distribution & exchange
- NDRC, NEA: [Plan for Resolving Curtailment of Hydro, Wind and Solar Power](#): effectively solve hydro, wind & solar curtailment by 2020
- NDRC: [Comprehensively Deepening Price Mechanism Reform](#): promote green power certificates & pollutant discharge permits; wind energy price to be the same as coal
- MEP: [Management of the Catalogue of Key Pollutant Discharge Entities](#): make public & update annually

Reports

- ADB: [Water-Energy Nexus in the People's Republic of China and Emerging Issues](#)
- Ellen MacArthur Foundation: [A New Textiles Economy: Redesigning Fashion's Future](#)
- UNU-INWEH: [Global Water Crisis: The Facts](#): by 2035, up to 40% of global population will be in seriously water-stressed areas

Interest

- RMB49.7bn earmarked for environmental protection
- Fines for environmental violations up 48% from Jan-Oct (~RMB1bn)
- 259 people arrested for smuggling waste into China
- 16 detained over environmental damage in Gansu nature reserve
- Lake chiefs to be appointed following success of river chiefs
- Water rights trading platform completes 15 transfers
- 10 more pesticides banned, to be phased out by end of 2022
- Hebei: environmental tax plan to be launched in early 2018; firms could be charged RMB6 per unit of air pollution & RMB7 for water pollution
- Shanxi: caps water use for steel, cement & aluminium production
- Beijing collaborating with Wisconsin on developing sponge cities
- Ceres releases investor toolkit for evaluating water risks

Hot on Weibo:

- >4,000 children die everyday globally due to water pollution & bad sanitation



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