

Christmas Wishes For The Next Five Years: This year the CWR team has all sorts of wishes that will keep everyone busy for the next five years. Dawn writes to Santa asking for less stuff but don't worry, that doesn't mean no to presents. On the topic of presents, Hongqiao wishes that people and brands would take responsibility for their electronic presents/products. Current procurement methods for critical raw materials in these devices are causing rampant pollution. Think twice before your next purchase. This time of year is always filled with food, drink and merriment. Woody takes a look at exactly how thirsty beer, crisps & chocolate are. Meanwhile, Hubert plays with trees with the World Resources Institutes Global Forest Watch Tool. How are China's forests doing? Given the current diametrically opposed global views on climate change, Asia needs to step up their game. After attending two key climate conferences, Feng wishes for more finance for adaptation, especially in APAC. Just this week China released its 13FYP for the environment. It also so happens that this year China Water Risk turned 5 years old. It's been a whirlwind but we are happy to report that "water risk" has now become the new norm. Debra takes a look at how far we have come and what we have achieved. Plus, check out our grand wishes for the future. We are excited and hope you are too. Happy Holidays from the China Water Risk Team!



DECEMBER
NEWSLETTER

EDITORIAL 🌱

Christmas Wishes For The Next Five Years: This year at China Water Risk the team has all sorts of wishes that will keep everyone busy for the next five years. Dawn writes to Santa asking for less stuff – unnecessary packaging, waste & mass deliveries – but don't worry, that doesn't mean no to presents.

On the topic of presents, Hongqiao wishes that people and brands would take more responsibility for their presents/products. Most of the critical raw materials like Antimony & Cobalt, important for smartphones, LCD screens & other electronics are mostly supplied by China. Current procurement methods for these are not transparent causing rampant pollution and harming Chinese citizen's health. Think twice before your next purchase.

This time of year is always filled with food, drink and merriment. Woody takes a look at exactly how thirsty some of his favourite snacks are - beer, crisps & chocolate.

Meanwhile, Hubert plays with trees with the World Resources Institutes Global Forest Watch Tool. How are China's forests doing? Do country borders have impact?

Given the current diametrically opposed global views on climate change, Asia needs to step up their game. After attending two key climate conferences, including COP 22, Feng wishes for more finance for adaptation, especially in APAC and hopes the private sector can lead the way.

Just this week China released its 13FYP for the environment. It also so happens that this year China Water Risk turned 5 years old. It's been a whirlwind but we are happy to report that "water risk" has now become the new norm. Debra takes a look at how far we have come and what we have achieved. Plus, check out our grand wishes for the future. We are excited and hope you are too.

Happy Holidays from the China Water Risk Team!



Dear Santa, Less Stuff Please

This Christmas Dawn wants to draw attention to the trails of waste left by our gifts, made worse with low-recycling rates & increasing e-commerce. But less stuff doesn't mean no presents

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Buying Electronics Can Pollute Our Future

When shopping, Hongqiao wants you to think twice before buying that new electronic device as key rare earths & other critical raw materials are causing pollution in China. Companies also need to act

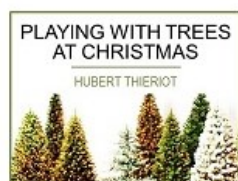
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Water In: Beer, Crisps & Chocolate

Food & drink help create a festive atmosphere at Christmas but how much water do they use? Woody takes a look at the water footprints of some favourite snacks - beer, crisps and chocolate

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Playing With Trees At Christmas

Trees can play a key role in protecting water. With this in mind Hubert had a 'play' with the World Resources Institutes' Global Forest Watch map. How are China's forests? See what he found

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Can APAC Lead In Adaptation Finance?

After attending two key climate conferences, including COP 22, Feng highlights why adaptation financing in APAC is crucial & how the private sector can take the lead

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5 Years On... Have We Made A Difference?

As China Water Risk turns five years old, Debra reflects on our journey & milestones. Have we made a difference? What is next for the coming five years?

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TAPPING IN 🌧️

Government

- State Council: [13FYP Ecological Environment Protection](#): area-based water quality management of key rivers; strictly control key polluting industries incl. textile dyeing; etc.
- State Council: [Pollution Discharge Permit System](#): by 2017, permits to be allocated for key industries & those with excess capacity as identified in the "Water Ten Plan"
- State Council: [Fully Promoting River Chief Mechanism](#): by 2018, River Chiefs to be appointed (down to county level); will be held accountable
- NDRC: [13FYP Rural Economic Development](#): manage infrastructure investment (irrigation)
- MWR & NDRC: [Controlling Total Amount & Intensity of Water Consumption in 13FYP](#): water use per unit GDP; pipe leakage; water quota allocation interprovincial rivers; real-time monitoring, etc

Reports

- Carbon Tracker: [Chasing the Dragon? China's coal overcapacity crisis and what it means for investors](#)
- Chinadialogue: [China Remakes the Map: Green Perspectives](#)
- Cambridge Institute for Sustainability Leadership: [Investing for Resilience](#)
- WWF (Hong Kong): [No Middle Road: The Growth of Electric Vehicles and Their Impact on Oil](#)
- UNPRI: [Global Guide to Responsible Investment Regulation](#)

Interest

- China's green sector to grow to 3% of GDP by 2020; >RMB10 trn
- >1,500 govt officials called to account for major environ problems after recent inspections
- Environment inspection teams sent to 7 more regions incl. Beijing, Guangdong & Hebei
- Solar & wind power targets for 2020 reduced: 27% & 16%
- Regulators tame overseas spree; deals of at least \$10 bn to be generally barred
- 1mn acres of farmland to lie fallow or rotate crops due to food safety
- Shijiazhuang industrial hub halts production on pharma, steel mills & others until end of 2016 to try & meet pollution goals; 3 listed local drug makers halted trading afterwards

Hot on Weibo:

- Public anger following exposure of rampant illegal industrial wastewater discharge

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