

Pollution! Soil Ten & River Flows: It is hard not to focus on pollution this month with the issuance of the much anticipated Soil Ten Plan, and the release of the 2015 State Of Environment Report. Headline soil stats are bad plus the 2015 report says China's overall environmental quality declined in the last year. Check out the latest status of groundwater, rivers, lakes & reservoirs and get the distilled version of the Soil Ten Plan's >200 actions in our review. Pollutants are carried by downstream by rivers and provinces along the Yangtze River feature in the Soil Ten Plan. Since a disproportionately high percentage of China's heavy metals discharge lie in this region, we take a deeper look into pollution & heavy metal flows from the upper reaches of the river to the delta. Can the region continue to flourish? Check out key findings from our recently published joint brief with the Foreign Economic Cooperation Office of the Ministry of Environmental Protection on the "Water-nomics of the Yangtze River Economic Belt". But green development means China needs innovative tech & holistic strategies. Here, we look at how floating solar can be a solution for China while Woodring, the founder of Plasticity Forum expands on a circular approach to plastics. All sort of stuff flows down the river. What happens upstream matters downstream; but if you are downstream, would you pay for the poorer upstream regions to clean up?



EDITORIAL

Pollution! Soil Ten & River Flows: It is hard not to focus on pollution this month with the issuance of the much anticipated 'Soil Pollution Prevention & Control Action Plan' or "Soil Ten", and the release of the 2015 State Of Environment Report. Headline stats are bad: 19.4% of surveyed farmland is polluted and 16.1% is polluted by heavy metals and the 2015 report says China's overall environmental quality declined in the last year.

Clearly, some industries will feel the heat more than others. Check out the latest status of groundwater, rivers, lakes & reservoirs and find out what's in store for China's "Hateful Eight" polluting industries named in the Soil Ten. Is this the end of China's chemical love with nowhere to hide? Get the distilled version of the 231 actions in our Soil Ten review.

Pollutants are carried downstream by rivers. Specific provinces are tagged to specific actions & industries in the Soil Ten and provinces along the Yangtze River feature across actions. This is not surprising as a disproportionately high percentage of China's heavy metals discharge lie in this region. We take a deeper look into pollution & heavy metal flows from the upper reaches of the river to the delta.

Can the Yangtze River continue to flourish as China's socio-economic powerhouse? Check out key findings from our recently published joint brief with the Foreign Economic Cooperation Office of the Ministry of Environmental Protection (MEP FECO) on the "Water-nomics of the Yangtze River Economic Belt: Strategies & recommendation for green development along the river".

Cleaning-up pollution with green development means China needs innovative technologies and holistic strategies. We take a look at how floating solar can be a solution for China while Doug Woodring, the founder of Plasticity Forum shares key takeaways from the 5th annual forum in Shanghai.

It's not just plastic, all sort of stuff flows down the river into the sea and soil. What happens upstream matters downstream; but if you are downstream, would you pay for the poorer upstream regions to clean up?



China's Soil Ten
With close to a fifth of China's farmland surveyed polluted, the Soil Ten Plan could not come sooner. Find out what's in store for China's "Hateful Eight" polluting industries and get the distilled version of the 231 actions in our Soil Ten review

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2015 State of Environment Report Review

China says its overall environment quality worsened in 2015. Groundwater deteriorated for the fifth year, it's mixed news for rivers but lakes & reservoirs improve. Get the latest pollution updates

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Yangtze Flows: Pollution & Heavy Metals

Areas along the Yangtze River dominate Chinese production but at what cost? With increasing upstream wastewater plus a large share of heavy metals discharge, can the Yangtze still flourish? CWR takes a closer look

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Water-nomics: Trade-offs Along The Yangtze

With significant economic, water use & pollution disparities along the Yangtze, CWR & MEP FECO publish a joint brief to explore strategies to find the right development mix. Check out some of the key findings

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Floating Solar: A Solution For China?

Floating solar appears to be well-suited to China's hunger for power and its limited water & land resources. So will it embrace the technology? CWR's Thieriot & Xu expand

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Plastic, China & The Circular Economy

Only ~10% of plastics gets recycled, but this is where opportunities lie. Woodring, founder of Plasticity Forum, shares key points from the 5th forum & the circular future of plastic

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Government

- State Council: [Soil Pollution Prevention & Control Action Plan](#)
- State Council: [Improve Compensation Mechanism for Ecological Protection](#): cover all key ecosystems & important regions by 2020
- State Council & CPC: [Outline of the National Strategy of Innovation-Driven Development](#): R&D to reach 2.8% GDP by 2030; promote water-saving & pollution control technology
- NDRC & MOHURD: [Development Plan of Urban Clusters in the Yangtze River Delta](#): eco protection, industry upgrade & green development
- NDRC: [Establishing National Pilot Zones in YREB for Industrial Transformation & Upgrading](#): 33 industrial parks to pilot green & circular economies
- NDRC, NEA, MoF, MEP, MOHURD, MIIT, MoT & CAA: [Promoting Electrical Energy](#): to meet 27% of end-user consumption by 2020
- NDRC & NEA: [Innovation of Energy Tech \(2016-2030\)](#)
- NDRC & NEA: [Guaranteed Purchase of Wind & Solar PV Power in Full Amount](#): minimum hours set for key regions
- NDRC: [Developing Coal & Electricity Production Joint Ventures](#): promote industry consolidation
- NDRC & MEP: [Cleaner Production Audit Methods](#): in force since 1 July 2016; mandatory for co's with excessive pollution discharge, or using/emitting hazardous waste
- MIIT, MWR & National Water Conservation Office: [List of Nationally Recommended Industrial Water Saving Technology & Equipment \(2nd batch\)](#): petrochemical, textiles, food, paper & steel

CWR Supported Events

- 10-12 July 2016: [World Leaders Summit at Singapore International Water Week 2016](#)

CWR Reports

- CWR-MEP FECO: [Water-nomics Of The Yangtze River Belt Economic Belt](#)

Reports

- MEP: [2015 State of Environment](#)
- Trucost & Ocean Recovery Alliance: [Scaling Sustainable Plastics](#)
- UNEP: [ERISC Phase II: How Food Prices Link Environmental Constraints To Sovereign Credit Risk](#): China could lose USD161 bn in GDP

Interest

- >RMB100 bn of green bond issuance in the first five months of 2016
- Court accepts lawsuit filed by 3 NGOs over toxic soil near school in Jiangsu that made 490+ students ill
- MEP: Drones & satellites to survey drinking water sources in cities along Yangtze River
- Starbucks to raise USD500 mn in 10 year bond for 'sustainable' projects

Hot on Weibo:

- Pollution concerns over the 2015 State of Environment Report

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If you have questions, please send us an e-mail at info@chinawaternrisk.org.

Address

China Water Risk
9 Queen's Road Central
Suite 2406
Hong Kong -
Hong Kong

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