

Climate Risks: Ready or Not: A new year a new start? Unseasonal weather with flooding from the worst monsoon in three decades in Malaysia to abnormally mild weather in Europe, begs the question are we ready for increasingly frequent climate events? With the UN Framework Convention on Climate Change meeting or "COP 21" looming at the end of this year, we summarised our key takeaways from the last four climate conferences we attended from Hong Kong to Peru. We also looked at funding gaps in flood control investments in China and how China expects to finance rainy days ahead. Whilst governments are working towards climate resilience, what about corporates? Read why more action (globally & in China) is needed to match the risk whilst Deloitte Consulting's Will Sarni expands on how businesses can secure the water to fuel growth as simply paying more for it will not work in the future. Moreover, Columbia Water Center's Paulina Concha explains the Center's climate forecasting pilot with PepsiCo to mitigate supply chain risks in the company's Frito Lay business. With interlinked risks around the water-energy nexus, we need to be sure solutions are holistically beneficial. Analysis by WRI shows that desalination alone cannot quench China's thirst and the team explains why investments in less power hungry solutions should be prioritized.



EDITORIAL 🌱

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China appears to be rather active recently (landmark China-US climate agreement and the South-South Cooperation Fund) but despite leading in renewables investment, there is significant under-investment in flood control. With increasing economic losses and losses in food production resulting from extreme weather, we take a closer look at these funding gaps and how China expects to finance rainy days ahead.

Whilst governments are working towards climate resilience, what about corporates? This month, we also examined how corporates are faring with their water stewardship commitments and found that more action (globally & in China) is needed to match the risk. Deloitte Consulting's Will Sarni expands on how businesses can secure the water they need to fuel growth as simply paying more for it will not work in the future, whilst Columbia Water Center's Paulina Concha explains the Center's climate forecasting pilot with PepsiCo to mitigate supply chain risks in the company's Frito Lay business.

With interlinked risks around the water-energy nexus, we need to be sure solutions are holistically beneficial. Analysis by WRI shows that desalination alone cannot quench China's thirst and the team explains why investments in less power hungry solutions should be prioritized.

We may not be climate resilient now but better late than never. We need to be smarter with investments, innovate climate tools for specific audiences, integrate climate forecasting into operations and match action with risk. Let's make this year count!



Climate Risks: Are We Ready?

Climate change is high on the global agenda, especially with COP 21 in December and yet we still face major stumbling blocks. Check out our key takeaways from four recent climate conferences

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Gaps In Rainy Day Funding

With increasing economic losses & negative impacts on food production due to extreme weather, we look at gaps in China's flood control investment & how it plans to finance rainy days ahead

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Water: Can't Always Buy What You Need

With competition for water intensifying, paying more for water may not get you what you need. Deloitte Consulting's Will Sarni on mitigation strategies for corporates

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Using Climate Forecasts in Supply Chains

Columbia Water Center's Paulina Concha expands on climate forecast products developed by the Center and its pilot with PepsiCo to mitigate supply chain risks

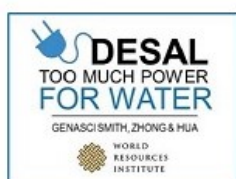
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Water Stewardship: More Action To Match Risk

Despite growing acknowledgement of water risks, 58% of companies surveyed still do not have a public commitment to water. See what actions are needed to match the risk

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Desal: Too Much Power For Water

WRI's Zhong, Hua & Genasci Smith share analysis that show desalination alone cannot quench China's thirst and why investments in less power hungry solutions are needed

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TAPPING IN 🚰

Government

- Supreme People's Court: [Interpretation on the Application of Law in Public Interest Enviro Civil Litigation](#) - empowers NGOs
- NDRC, MoF & MOHURD: [Measures on the Collection, Use & Management of Wastewater Treatment Fees](#) - promotes PPP
- NEA: [Opinion on Promoting Development of Pump-Storage Power Station](#): 100GW by 2025
- NEA: [Offshore Wind Farm Development Plan \(2014-2016\)](#): 10.5GW (44 projects)
- MEP: [List of Centrally Monitored Polluting Enterprises](#): 14,920 co's
- MEP: [Interim Measures on Assessment and Management of Total Cap of Pollutant Discharge](#) - thermal power, steel, cement, paper & pulp and textile
- MEP: [Results of Heavy Metal Pollution Control 12FYP in 2013](#): >4,000 factories closed
- MoA: [Farmland Quality Report](#): >40% arable land degraded

Reports

- IEA: [The 2014 Medium-Term Coal Market Report](#)
- IPE: [Textile Phase IV Report - No Excuses](#)

Interest

- China's [amended enviro law](#) is in effect
- President Xi: urges to protect water quality & prioritize water savings upon completion of the S-N Water Diversion's central route (phase 1)
- MOA: pushing potatoes as China's 4th biggest staple crop to help safeguard food supply
- CAS: China's glaciers have retreated 18% over last 50 years (~244 sqkm of ice/year)
- Rare earths export quotas ended
- China to make available USD482 mn in soft loans to Mekong countries for infrastructure
- Permits renewed of three varieties of GM rice & corn
- Zhejiang: some EPB officials from Lanxi city sentenced up to 7 years for accepting bribes
- Six companies fined RMB160 mn for discharging acid
- Beijing Energy Investment Holding Co. & Jingmei Group merged to form RMB200 bn clean-up business

Hot on Weibo:

- Government media circulates potato recipes on TV after MoA's "potato push" - we particularly liked Kung Pao Potato!

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