

Wanted! What's My \$\$\$ Exposure? Industries are clearly exposed to water risks but financial valuation of such risks remains elusive. For this month, we review existing quantification tools & methods. Get the low down from tool developers on their tools "Corporate Bonds Water Credit Risk Tool" (GCP & GIZ) and "The True Cost of Water" (Veolia). Other tools are also being developed. The latest Blue Map app from IPE integrates real-time water pollution emissions data with violation records. Hear from IPE what this means for consumers, suppliers and brands. Meanwhile, check out 3 reasons why we still feel positive about a clean-up in dirty fashion. With China and the US heading to ratify COP21 commitments, coal is in the news again as Greenpeace expands on coal's great water grab. There clearly are increased risks in a tighter water-energy-climate nexus. It's time to put a number on water risk and know your \$\$\$ exposure. We have quantified water risks for 10 listed companies in energy related sectors. Initial findings show material risks. Investors/ financial analysts, we are looking for your feedback on these valuations and results. Think you have something to add? Want to make a difference? Or just curious? Don't miss out on these results - [ACT NOW!](#)



APRIL NEWSLETTER

EDITORIAL 🌱

Wanted! What's My \$\$\$ Exposure? Industries are clearly exposed to water risks but financial valuation of such risks remains elusive. For this month, we review existing quantification tools & methods and highlight gaps to be filled to put a number on water risks.

We also talk to tool developers, Liesel Van Ast from GCP & Simone Dettling of GIZ about their "Corporate Bonds Water Credit Risk Tool" and how this can help investors and banks mitigate exposure. It's not just about quantifying water risks. Nina Cambadelis and Johann Clere of Veolia explain how their tool, "The True Cost of Water" can also identify opportunities for economic gain.

Other tools are also being developed. The latest Blue Map app from IPE integrates real-time water pollution emissions data with violation records. IPE's Kate Logan explains how the new interactive module linking with brands' CITI Index scores can be used by consumers, suppliers and brands. Meanwhile, we ponder developments to clean-up dirty fashion - see 3 reasons why we still feel positive.

With China and the US heading to ratify the COP21 commitments, coal is in the news again. Harri Lammi, an author of Greenpeace's "The Great Water Grab", expands on why we could be heading into conflicts between agriculture, industry & urban water use.

There clearly are increased risks in a tighter water-energy-climate nexus. It's time to put a number on water risk and know your \$\$\$ exposure. We have quantified water risks for 10 listed companies in energy related sectors. Initial findings show material risks. Investors/ financial analysts, we are looking for your feedback on these valuations and results.

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**Quantifying Water Risks: What's My Number?**

Industries are exposed to water risks but financial valuation of such risks remains elusive. We review existing quantification tools & methods and highlight gaps to be filled to put a number on water risks

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**Corporate Bonds Water Credit Risk Tool**

Water scarcity & quality can impact the bottom line. GCP's Van Ast & GIZ's Dettling, two developers of the Corporate Bonds Water Credit Risk Tool, talk about how this can help mitigate exposure

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**Valuing The True Cost Of Water**

Water-related risks can be numerous for any given site. Cambadelis & Clere walk us through how Veolia's tool, "The True Cost of Water" can mitigate risks and show potential economic gains

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**Real-time Monitoring: Cleaning Up Textiles**

There's now nowhere to hide. The latest IPE Blue Map app integrates real-time pollution emissions data with violation records plus there's an interactive module linking with brands' CITI Index scores. IPE's Kate Logan explains

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**Clean Fashion: 3 Reasons To Feel Positive**

Fashion is on a clean-up & go-circular mission. Here are three reasons why we still feel positive about the industry from trade secrets revealed to awards for closing the loop

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**Coal: The Great Water Grab**

Globally 45% of existing & 44% of proposed coal power plants are in located in high water stress areas. Greenpeace's Lammi on how this exacerbates conflicts between agriculture, industry & urban water use

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**Calling All Institutional Investors & Financial Analysts**

We have quantified water risks for 10 listed companies in energy related sectors. Initial findings show material risks. Think you have something to add? Want to make a difference? Or just curious? Don't miss out on these results

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TAPPING IN 🚰

Alert!

[Calling All Institutional Investors & Financial Analysts](#)



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Events

- 15 Apr 2016: [Morgan Stanley Sustainable Investing Challenge](#); CWR is a judge
- 27-28 Apr 2016: [5th Plasticity Forum](#) in Shanghai; CWR subscribers can get a 15% discount

Government

- State Council: [Opinions on Deepening Collaboration in the Greater Pearl River Delta Region](#): Nine provinces, HK & Macau to focus on: pollution prevention, drinking water supply & flood risk
- NDRC: [Management Measures for Guaranteed Purchase of Renewable Energy Electricity in Full Amount](#)
- NDRC: [Notice on Issues re Strengthening Hydro Management in Watersheds](#): establish monitoring platform; no plant construction on rivers without planning
- NEA: [2016 China's Wind Power Development Plan](#): in total 30.83GW to be constructed
- MWR: [Groundwater Monitoring Monthly Report \(Jan 2016\)](#) 2015 survey of 2,103 wells revealed >80% shallow groundwater not fit for drinking

Reports

- Phoenix Weekly: 2 in-depth investigative reports on "水源地的秘密" ([Secrets of our Drinking Water Sources](#)) & "长白山矿泉水开发大跃进" ([Changbaishan's Great Leap Forward](#)) - Chinese only - cites CWR
- Greenpeace: [Is China doubling down on its coal power bubble?](#)
- Greenpeace: [The Great Water Grab: How the Coal Industry is Deepening the Global Water Crisis](#)

Interest

- State media warns to brace for 'severe' flooding on Yangtze River
- Corn stockpiling to end; farmers to switch to soybeans & other crops
- Three Gorges Corp exploring wind, solar & nuclear as potential new hydro opportunities at home decline
- Moody's launches service to assess green bonds; separate from a credit rating
- 1st Lancang-Mekong Cooperation Leaders' Meeting held in Hainan to push transboundary collaboration

Hot on Weibo:

- Worry over groundwater safety with news from MWR that 80% of it is not fit for drinking

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