

WTW Environmental Risk Assessment Services, Asia



Introducing WTW's Environmental Risk Assessment Services



WTW's Environmental Risk Assessment Services are offered through our Asian Liability Risk Practice in partnership with our Australian Environmental Risk Management Specialists. Our team includes certified ISO 14001 Environmental Management System (EMS) auditors with over 10 years' experience advising clients on their environmental risk exposures.










Rising Environmental Risks

While pandemic lockdowns have resulted in a temporary drop in carbon emissions, human environmental damage remains one of the top threats our world will face in the next ten years.¹ Globally, the most significant environmental risks are likely to be biodiversity loss, a natural resources crisis, and climate action failure.² Whilst closer to home, ninety-nine of the world's top one hundred cities facing the greatest environmental challenges are located within the Asia region.³ As indicated in *Figure 1* below, cities in Indonesia, India, China, Malaysia, Japan and the Philippines are facing high or extreme environmental risks now, and into the future.⁴

The operational and insurance implications of environmental risks for Asian businesses are significant and may include one or more of the following:

-  **Increased operational costs** from higher power demand or from sourcing other reliable natural resources such as clean water supplies.⁴
-  **Integration of environmental risk considerations** into insurer's risk management framework and insurance decision making.⁵
-  **Greater ESG screening** by underwriters when identifying new risks or renewing an existing risk.⁶
-  **Increased reputational risk and financial penalties** arising from environmental damage incidents.⁷
-  **Greater accountability and transparency** being required from investors and regulators to account for the full spectrum of potential environmental impacts and demonstrating environmental management credentials.⁴

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The Asian region has 99 of the worlds top 100 cities facing the greatest environmental challenges.

Time Magazine 2021

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Figure 1: Asian cities are most threatened by environmental risks⁴

Risk level	Asian cities with the overall highest environmental risk			
Extreme risk	Delhi India		Jakarta Indonesia	
High risk	Wuhan China	Tokyo Japan	Kuala Lumpur Malaysia	Manila Philippines

Source: Verisk Maplecroft Global Risk Analytics Dataset
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About WTW's Environmental Risk Assessment Services

At WTW, our environmental risk assessment specialists work closely with our liability broking teams to provide clients with a comprehensive suite of environmental risk assessment solutions, including:



Environmental Management GAP Analysis

Our ISO certified auditors will carry out an independent and objective evaluation of your organization's environmental management credentials and provide a detailed analysis of your existing EMS in accordance with ISO 14001 requirements. Our analysis will highlight any issues or gaps in the current system, provide recommendations to enhance system operations, and a project plan to close identified gaps and implement recommendations.

ISO 14001 is the most broadly recognized international standard for the effective management of environmental management systems.



ISO 14001 Internal Audits

As your organization prepares for ISO 14001 certification, internal EMS audits are mandatory and are intended to assess whether your organization conforms to its own requirements for environmental management and the requirements of the international standard. Regular internal audits allow for the continuous assessment of the effectiveness of the EMS and the identification of potential improvement opportunities. Our certified ISO 14001 auditors can fulfill the internal audit requirements according to the standard and at the same time maintain independence of the internal auditing process.

Through the internal audit process, independence must be demonstrated through the absence of the auditor's responsibility in the ongoing management of any of the activities being audited.





Environmental Risk Management Benchmarking

WTW's benchmarking methodology enables us to analyze and understand your organization's existing environmental management activities and practices in reference to comparable international best practice. Performance environmental benchmarking assists in identifying the monetary cost of your organization's environmental impact over designated timelines, in relation to relevant environmental aspects, such as: energy use; chemical management; and the production of waste. Further, it compares the impact of these aspects with similar organizations to your own, and provides indicators of areas for enhancement.



Environmental Risk EML Assessments

Our Environmental Risk EML Assessments are an estimate of the maximum loss that may be sustained from a single environmental risk event. These estimates are based on potential worst case credible loss scenarios with the potential to create the largest quantum of environmental liability claim against the insured. It assumes that at the time of the event active protection systems are rendered inoperative and only the passive protection facilities, such as manual environmental protection measures are effective. The EML Assessments are regularly used by both the insured and insurers to quantify appropriate environmental liability insurance limits.

Our environmental benchmarking tools and methodologies aim to improve both business performance and environmental management simultaneously.



Environmental management system

Does your organization get all the benefits from its Environmental Management System? Environmental Management Systems are not a new topic, however, with mandatory reporting on the horizon, it is important to ensure you are getting the maximum out of your current system. We can help you set up a lean and practically implemented Environmental Management System that drives improvement. Furthermore, if your organization is considering transitioning to ISO 14001, our consultants can assist you. Our seamless process ensures that your organization can implement ISO 14001 while continuing to grow and meet your goals, in line with compliance requirements.



Integrated management system

An Integrated Management System is one single, unified system that combines safety, quality and environment. By integrating these systems into one comprehensive framework, systems can clearly and effectively support business goals and objectives. While each of the three systems can exist as a stand-alone entity, there are many common elements that can make an integrated management system a desirable alternative which will help provide clarity, focus and reduce costs. When you work with us, our team of experts will assist improve your business and save you money by:

- Integrating all your ISO standards (where possible) to create seamless systems for success.
- Minimizing change by customizing your business' solution to your unique needs and culture.
- Creating user-friendly tools that are easy to maintain and change, as your needs do.
- Saving time and resources by limiting duplication of documentation.



Further information

For more information about our services, please contact:

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At WTW (NASDAQ: WTW), we provide data-driven, insight-led solutions in the areas of people, risk and capital. Leveraging the global view and local expertise of our colleagues serving 140 countries and markets, we help you sharpen your strategy, enhance organizational resilience, motivate your workforce and maximize performance. Working shoulder to shoulder with you, we uncover opportunities for sustainable success — and provide perspective that moves you. Learn more at wtwco.com.



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