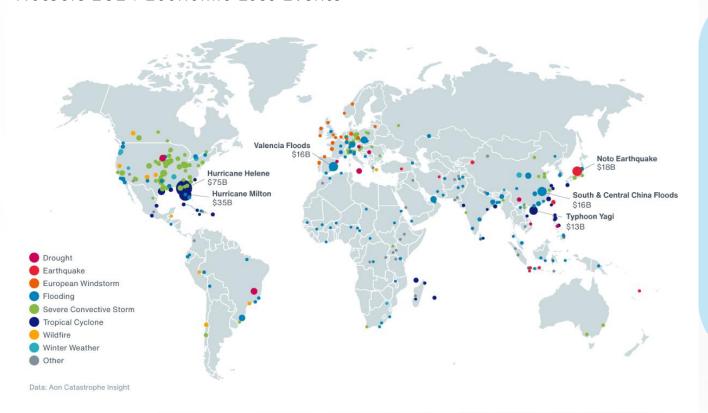


Global Economic Losses

Notable 2024 Economic Loss Events



Economic losses from global natural disasters in 2024 are estimated at \$368 billion, about 14 percent above the long-term average since 2000.

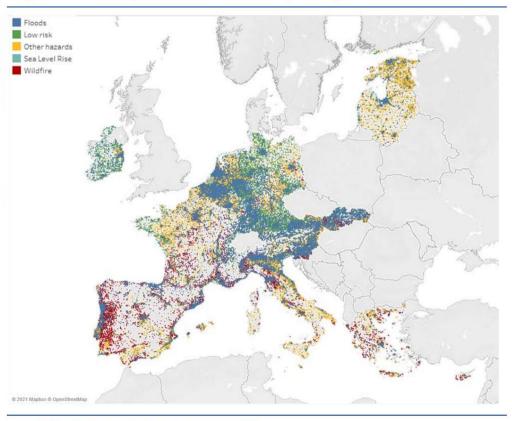
Losses in emerging markets such as Brazil, India and China are accounting for an increasing portion of the global toll due to the rapid economic growth and urbanization in high-risk areas in recent years.



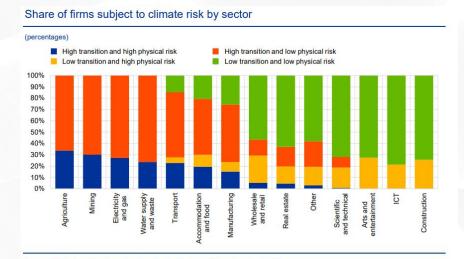


ECB Climate Risk Stress Test Result

Physical risk: intensity and sources across European regions



Source: ECB calculations based on Four Twenty Seven data (2018).



Source: ECB calculations based on Four Twenty Seven and Urgentem data (2018).

Notes: Firms are categorised as vulnerable to high transition risk if their relative emissions fall into the 70th percentile of Scope 1, 2 and 3 relative emissions for the entire sample. Firms are vulnerable to high physical risk if their probability of suffering from a wildfire or a river or coastal flood in a given year is over 1%. Level 1 NACE sectors are shown.

The probability of default of high-physical risk firms is projected to increase by 2050 by almost 25% under the hot house world scenario, Climate related portfolios with default possibilities five times higher than 2020, subjects to 43 trillion Euro assets. ECB 2021 Sept

The Financial Services Agency (FSA) has already introduced a range of Japan mandatory climate disclosure rules into the nation's corporate governance code since mid-2021. The FSA and the BOJ, in collaboration with three major banks, conducted the second scenario analysis on climate-related risks in 2025.



Climate Risk Pricing Is Crucial For EVERY ASSET!

Current climate risk model Issues

Limited scope

Limited extreme weather events

Uncertainty in climate change

Unable to handle uncertainty in climate change scenario generation

Data availability

Only headquartered location risk

Lack of historical hazard data

Poor local coverage

Low Resolution

Most of the climate models are based on country level

Lack of flexibility

Frameworks inflexible, difficult for organizations requirements adaptation





















- IPCC 7 RCPs and 5 SSPs Pathway scenarios, as well as NGFS scenarios.
- All company subsidiaries, operational locations
- Full coverage in Hong Kong, China, Asia, Global model
- 5x5m resolution, with altitude choice
- Fully customisation (loss curve, assets location, duration, short-term/long term time-interval)



YoujiVest Solutions

Core Models and Technologies

YoujiVest Climate Risk Model Solutions

-YoujiCRMS

YoujiVest CRM platform provides comprehensive Physical Risk and Transition Risk analysis based on the actual asset locations.

Identify the risks that climate change brings to your business and prepare a risk management plan that deals with climate change hkbea virtual V ○ Youji Ves



YoujiCRMS Outputs

YoujiCRMS outputs produce scenario analyses that display the Expected Annual Impact. It provides comprehensive climate risk assessments for companies under various scenarios, including physical, policy, and transition risks.

YoujiVest covers all IPCC 7 RCPs and 5 SSPs Pathway scenarios, as well as NGFS scenarios.

SSP1-1.9, SSP1-2.6, SSP2-4.5, SSP3-7.0, SSP5-8.5 Net Zero 2050, Below 2°, Divergent Net Zero, Delayed Transition, NDCs, Current Policies

A series of hazards can be analysed via CRMS:

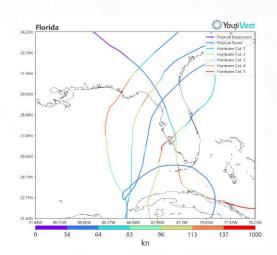
Water Stress, Tropical Cyclones, Floods, Extreme high temperatures, Extreme low temperatures, Wildfires, Landslides, Sea Level rise, etc.



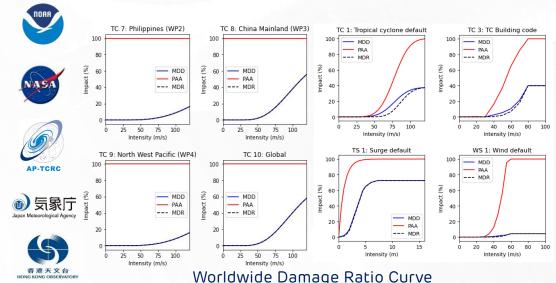


Comprehensive Coverage of Data

YoujiCRMS is a state-of-the-art climate risk model that integrates a wide array of meteorological data, hazard data, and geo-economic data. It not only incorporates extensive historical data, providing insights into past climate events and trends, but is also adaptable for use in a wide variety of future scenarios.



Historical Tropical Cyclone Data of Florida



The damage ratio curve covers global locations and

Source: YoujiVest Climate Lab

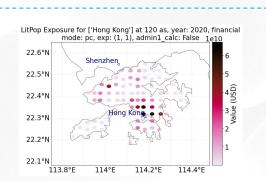
different scenarios.

Nearly 200 years global historical hazard track data;

More than 9 synthetic trajectories simulated for each historical events;

Monte Carlo simulations influence distribution.

Hong Kong as an example



Economic Exposure Distribution of Hong Kong

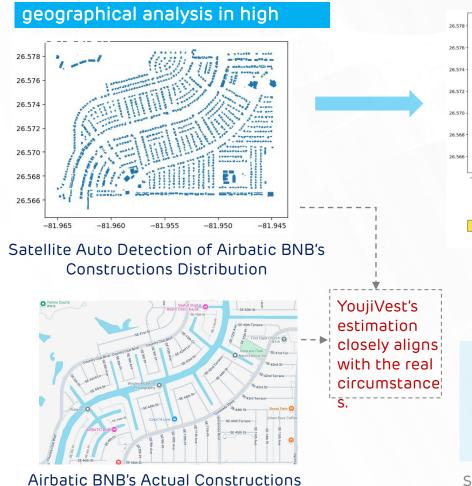


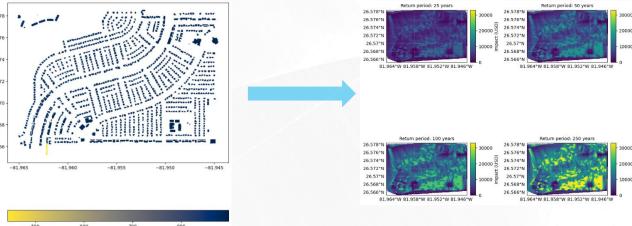
Expected Annual Impact of Hong Kong



High Resolution for Any Specific Location

YoujiCRMS provides high resolution analysis (the highest in the market: $5m \times 5m$) with satellite imaging and down-scaling techniques.





Expected Annual Impact Simulation of Airbatic BNB

Expected Annual Impact Simulation of Airbatic BNB in different return periods

Airbatic BNB is a vacation service provider with a wide array of properties. YoujiCRMS can conduct highly accurate simulations, from modeling its constructions distributions to predicting expected annual impacts, with the analysis of these impacts extendable to different return periods.

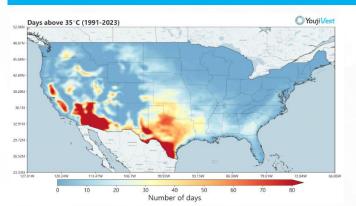
Source: YoujiVest Climate Lab

Distribution

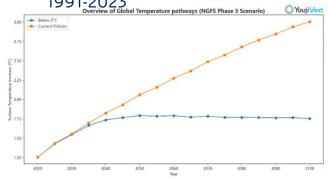


High-Resolution in Practice: State-Specific Analysis

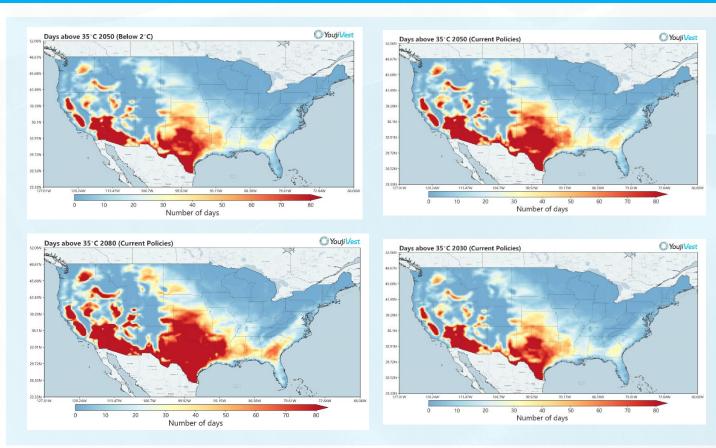
Number of Extreme Heat days in United States



Distribution of Maximum Annual Days Above 35° C Across U.S., 1991-2023



Projected Global Temperature Rise Under Two Scenarios by NGFS



Projected Extreme Heat Days Under different Scenarios by YoujiVest



Next-Gen Climate Risk Management: Bridging Al Forecasting with Multidimensional Risk Analytics

Industry demands actionable, data-driven solutions

YoujiCRMS bridges traditional and modern approaches

Vision for Climate Resilience





Core Features & Technological Breakthroughs

Hybrid Risk Modeling Framework

Transformer architecture in near-term weather forecasts.

Climate re-analysis model to simulate long-term scenarios.

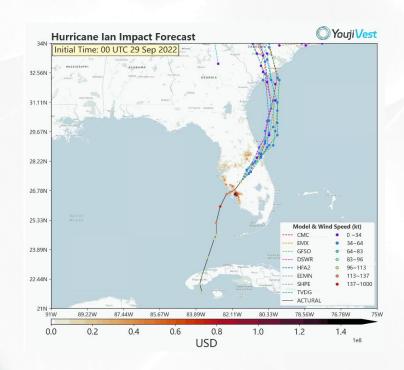
Hazard event database to back-test model results.

Global Data Integration

YoujiCRMS's global data hub employs advanced data integration algorithms to integrate diverse data sources including hazard records, geographics, satellite, IoT, and ground sensor data, seamlessly.

Multi-Sector Use Cases

Product customized to meet various use cases in insurance, banking, construction and property sectors.





Competitive Advantages



Speed & Efficiency

Offers faster forecasts compared to traditional models.

Achieve zero supercomputer dependency with desktop- compatible models.



2

Data Autonomy

Ensures end- to- end data autonomy without reliance on numerical weather prediction (NWP) models.

Maintain complete control over data sources and processing for enhanced accuracy.

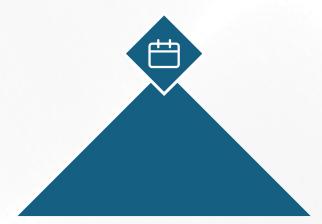


03

Customization & Scalability

Provides API- driven customization for sector- specific needs.

Support large- scale deployments with the ability to handle 100k+ asset- level assessments simultaneously.





Application

YoujiVest Climate Risk Solution has been widely applied to leading financial institutions and corporates, across leading construction firms, mining companies, insurance institutions, and asset managements. Including: catastrophe bond (CAT) analysis, catastrophe actuarial model analysis, engineering climate risk modelling, engineering disaster resilience measurement, and climate compliance report.







































Application in Real Estate Industry

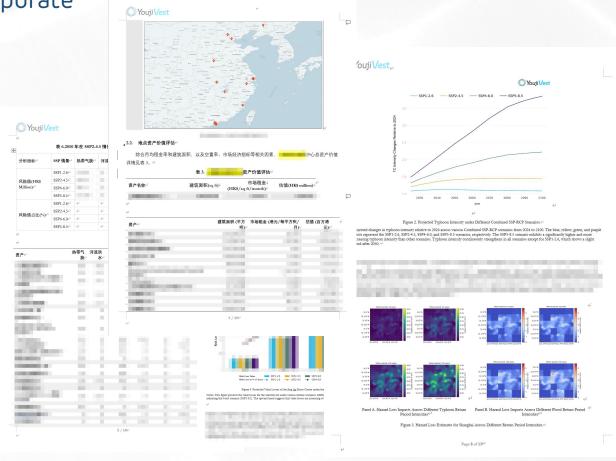
Case Studies and Innovating Products



Climate Risk Model(CRM): Property Company Case

Quantitative analysis of the risk exposure of corporate property assets to climate and financial losses

- CRM provide companies with scientific tools to quantify the climate vulnerability of property assets. A listed property developer used the YoujiVest CRMS to assess and analyze the financial losses of its property assets. By constructing geographical location-based physical risk scenario analysis (e.g., extreme precipitation, coastal flooding, high temperature heat wave, etc.), the model can assess the asset damage risk, operational interruption probability, and repair cost faced by specific properties under different warming scenarios.
- These financial quantitative risk exposure analyses enable companies to prioritize countermeasures against high-risk assets and hedge losses by adjusting portfolio structures or insurance strategies. Enable companies to reduce the erosion of real estate value from climate change shocks.



Property Asset Climate Risk Report





Climate Risk Model(CRM): Property Company Case

Scientific response recommendations for climate physical risks

 Based on the results of the climate model assessment, the YoujiVest Risk Service Team has put forward targeted suggestions for all target assets of the company to deal with relevant climate and physical risks based on the results of the climate model, taking into account corporate operations, local laws and regulations, property asset classes, etc.



Youji Vest4.2.3. 滑坡



Climate Risk Model (CRM): Construction Company Case

Scientifically assess the impact of climate risks on a company's revenue activities

- A major construction company uses the YoujiVest CRM to connect with TCFD, IFRS S2 and other frameworks to identify and disclose the possible impact of different climate risks on company's revenue activities and main business. It is of great significance to the project risk control of the company.
- The YoujiVest CRM combines international standards such as SASB, TCFD, IFRS, and climate scenario methodologies such as IPCC and RCP. According to the GISC classification, we identify and measure industryspecific climate-specific material risks, helping enterprises scientifically assess and respond to climaterelated risks from the perspective of enterprise risk management on the basis of compliance.

氣候相關披露

集團明白氣候變化會帶來一系列挑戰與機遇·對集團將來的業務策略和可持續發展有深遠的影響。2021年12月·集團成為「氣候相關財務披露工· 小組」(「TCFD」)的支持機構·是中國建築業的首家機構。集團與國際先進的標準與實踐接軌·正按照TCFD建議的框架探索氣候變化風險因素 團繞管理、策略、風險管理、指標和目標四個領域·與集團的投資決策及風險管理體系有機融合·提高氣候風險管理能力與信息披露水平。



甚麼是TCFD?

2015年底,金融穩定委員會因應巴黎氣候協議,成立由行業主導的TCFD。小組以制定一致的氣候相關財務披露框架為目標,促使信息更加公開透明,以便企業向貸款人、保險公司、投資者和其他持份者提供信息,協助市場了解金融系統對於氣候變化的風險敞口。TCFD在2017年發表建議報告數年之間,廣受國際政府和監管機構支持與採納,並後續公佈更多相關指引。

集團實踐

在氣候風險方面,集圖實施由氣候相關財務披露工作小組(「TCFD」)提出的建議。歲別實體風險和轉型風險,清晰評估和制定有關緩解和應對氣候變化的策略,以加強氣候韌性。目前,針對香港地區的氣候情景分析已完成。下表概述了集團在TCFD四個核心要素,即管治、策略、風險管理、 指揮及目標方面所做的工作。

10 mx

面對全球氣候變化的嚴峻挑戰,集團積極採取前瞻性管理,依據國際財務報告準則 (IFRS S2) 披露要求、TCFD建議以及香港聯合交易所的(氣候億息披露指引),採用了四種氣候變化情景進行分析。越些情景結合了聯合國政府間氣候變化專門委員會 (IPCC) 發佈的共用社會經濟節徑 (Shared Socioeconomic Pathways,簡稱 [SSP J]) 和代表性濃度節徑 (Representative Concentration Pathways) 簡稱 [RCP J]),以更全面,更科學地了解未來可能的社會經濟發展和溫室氣體排放路徑,從而更好此規劃和管理氣候學化對集團業務和審查的影響。

集團採用的四種氣候情景涵蓋了從嚴格低碳轉型到高排放的不同路徑,具體如下

路徑	描述
SSP1-2.6(可持續發展路徑)	在嚴格低碳轉型政策干預下,全球溫室氣體排放大幅減少,社會經濟發展呈現可持續和 包容性增長。氣候變化受到有效控制,全球升溫幅度控制在低於2°C的目標範圍內。
SSP2-4.5(中間路徑)	在中等低碳轉型政策干預下,全球社會經濟發展相對均衡,氣候變化管控較為溫和。全球升溫幅度較接近3°C。
SSP4-6.0(不均衡發展路徑)	在較少低碳轉型政策干預下,全球經濟發展極不均衡,導致社會和經濟不穩定。氣候變 化管控較弱,全球升溫幅度可能超過3°C。
SSP5-8.5(高排放路徑)	在無低碳轉型政策干預下,全球經濟高度依賴化石燃料,氣候變化管控有限,全球升溫幅度可能最高,超過4°C。





要集中於沿海省份。在2050年高排放路徑)、廣東(企業影響預期值:3.50%)、江 ,對集團整體連營影響最大的三項因素 上升(企業影響預期值:3.24%)。熱帶風暴 而海平面上升則可能影響沿海資產的耐力

及較為緩和,這反映出集團在應對極端氣 里計劃,確保集團業務可針對當地地理及 業務運營模式的多元化與可持續化,以降 ,包括定期更新應對物理風險的策略,以



Sample Sustainability Report and official website disclosure



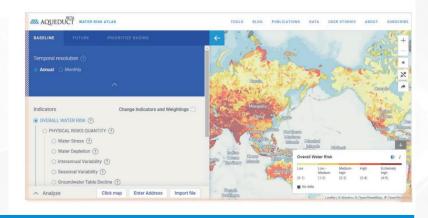
Climate Risk Model(CRM): Construction Company Case

Identification and assessment of climate transition risks of the main business of enterprises

The YoujiVest CRM covers various international climate scenario analysis methodologies such as IEA and IPCC, and identifies and quantitatively assesses the climate transition risks of company's main business.

During the assessment process, the YoujiVest Climate Risk Service Team obtains information from policy, regulation, law, technology, market, etc., and connects with YoujiVest's internal case data. Finally, the potential climate-related risks and opportunities faced by company in different scenarios and time nodes are identified, and the related issues are quantitatively assessed.

主要風險	<u>風險類型</u> ¹	時間區間 ²	建議措施
極端降水轉致業務中斷及資產損失	實體風險 (急性)	短至長期	考慮潛在強降水事件可能性的增加·加強該方面的建築設計及管理;考慮加強較低樓層的長期裝修和材料的防水及抗洪能力;
平均降水量增加影響業務開展	實體風險 (慢性)	中至長期	 進行特定的施工現場洪水風險評估; 完善洪水發生時的應急管理及緊急疏散方案。
暴風導致業務中斷及資產損失	實體風險 (急性)	短至長期	完善大風天氣下的應急管理及緊急疏散方案;安装適當的儲存設施以保證材料和設備的安全。
其他氣候因素(如乾旱及高溫)導致的業務中斷	實體風險 (急性及慢性)	長期	• 定期評估風險影響,確保其在可控狀態。
谈定價 學致合規成本增加	轉型風險 (政策及法規)	中至長期	訂立目標及具體行動計劃以減少溫室氣體排放;完善範圍3排放數據統計。
碳定價導致建築材料採購成本增加	轉型風險 (市場)	中至長期	• 增加低碳材料使用比例;
碳定價導致其他材料採購成本增加	轉型風險 (市場)	長期	• 支持供應商開發綠色工藝及技術。



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可能性:可能 影響的程度:中-高

鼠險類型:市場 時間跨度:中至長期 T能性:可能 響的程度:中-高

業務連續性
風險類型:急性和慢性風險
時間跨度:短至長期
可能性:較可能
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風險類型:急性和慢性原	虱陨
時間跨度:短至長期	
可能性:較可能	
影響程度:低	

情景	代表性濃度途徑(RCP)	描述
高排放	RCP 8.5	繼續以目前的速度進行排放‧一切照舊。 這種情況下‧預計到2100年‧升溫將超過4℃。
中排放	RCP 4.5	採取強而有力的緩解行動,到2080年將排放量減少到目前水平的一半。這種情況更有可能導致到2100

年升溫超過2℃。



描述

Application in Financial Institution

Case Studies and Innovating Products

Banking | Asset Management | Insurance

Banking Climate Risk Stress Testing

Mandatory for SDST banks or upon request by global regulators

Overview

 As compared to the pilot exercise, there are several major enhancements in 2023-2024 CRST in respect of climate scenarios, assumptions, assessment approaches and reporting requirements

Figure and an extensive of the state of the

Scenario Narratives & Specifications

- Sectoral impacts under transition
- Short-term scenario (2023-2027): combining climate risk drivers (more frequent occurrences of extreme climate events, accelerated transition to a low-emission economy) and Macroeconomic risk drivers (global economic downturn, HK in recession, slowdown in ML)
- Long-term scenario (2023-2050):include below 2 °C,

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Assessment Requitements

- Full balance sheet covering both on and off balance sheet
- Assessment approaches, include quantitative analyses, qualitative analysis, balance sheet treatment, physical risk assessment, transition risk assessment, key assessment metrics and projection interval, model risk assessment

Submission of Results

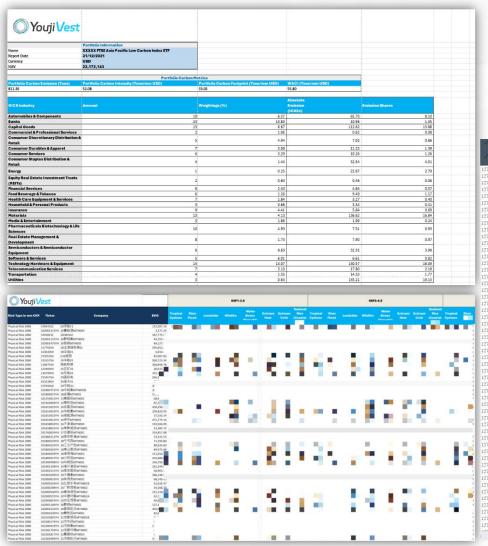
- Results reporting
- Submission timeline (2023 and 2024 results for short-term scenario should be submitted by 20231231 and 20240630 respectively; results for longterm scenarios should be submitted by 20240630)

Yacta	Me pathways for the 2023-2024 ellerate risk stress test (CRST) sequence
ORN SE CRST out by as opp parter	illumation paid contains the neuralises and verifies pathways of the CRET constains. Purificiality da- solutional distant design themes, as well in femental and constrain personants for performing the first contain expansion. These additional parameters should be broadly consistent with the consists set the RAMA in terms of this distants and exempts, and supposed by complete study or terms and one to the RAMA in terms of the results of the exemption of the results period to the results of the results of the results of the results of the results and results of the result
Macr	menumer indicators (GDP, house price, inflation, interest rates, exchange rates etc.)
I. Th	CDP growth rates coptors the impacts of both macroscoroic and climate-related shocks.
2. The Cycle	Hong Kong bowing prior ledex does not capture the scale impact of climate overs (such as Tropical and).
short-	tways of certain macroscomonic variables (n.g., GDP, unemployment rates, etc.) are only detailed for the sem scenario (n.fris information pack. Purbways of these variables under long-arem scenarios can be at the NGPN's website (NGEM NGPS v1.22 model, configuration REMINDS-MAGPE 3.4-4-0)*
Clim	ne risk indicators (sectional performances and climate patterns)
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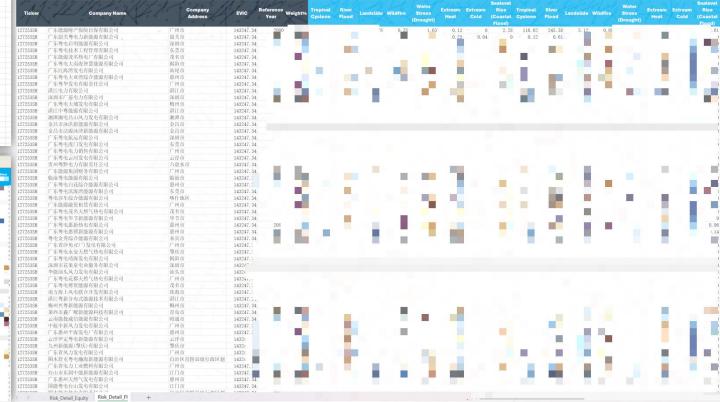
Hong Kong Moneta Climate Risk Stress Tes	t (CRST)	3
Completion Instruction	s and Reporting Template - Short-term Scenario	
	the short-term scenario, together with the supplementa ong Monetary Authority by 30 June of 2024.	y information, should be
	tions should not disclose the completion instructions ten consent is obtained from the Hong Kong Monetar,	
Name of AI		
Submission Date		
Reporting Basis		
Contact Person	Name:	
	Title:	
	Department:	
	Telephone Number:	
	Email Address:	



Fund Level Analysis: Asset Management



For each equity/bond, YoujiVest CRMS calculates all the underlying subsidiaries risk exposure x revenue% of parent company.



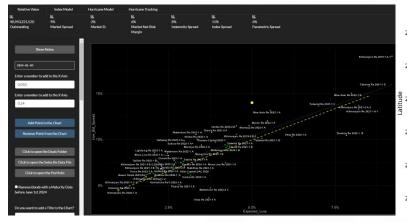


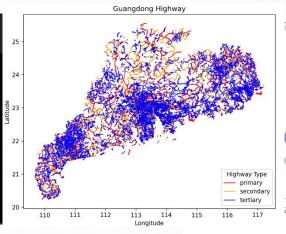
CAT Bond Analysis: Assets Exposure Assessment

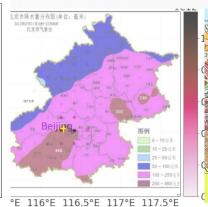
YoujiVest CRMS Provides analysis on

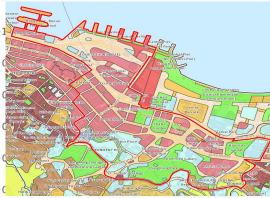
- Distance to the coast
- Construction quality
- Age of building
- Sponsors underwriting track record
- Loss reserving
- Business mix and geographical footprint
- Absolute risk tolerance assessment













Introduction to YoujiVest

Our mission, team, and position

About Us

YoujiVest transforms sustainability challenges into market alpha by combining cutting-edge Al, quantitative finance, and climate modeling expertise to empower asset managers, banks, insurers, and corporations to navigate climate risks, meet regulatory requirements, and capture sustainable investment opportunities.







Research Collaboration

Climate Related Disasters and The Performance of Chinese-Listed Companies[†]

Guojun He1, Shuo Li2

We systematically examine the impacts of climate-related natural disasters (extreme temperatures, floods, typhoons, and droughts) on the performances of Chinese listed companies. We show that it is important to measure climate risk exposures separately for their headquarters and the subsidiaries, as only the subsidiaries' exposures have significant negative impacts on the listed companies' performances. Heterogeneity analyses reveal that the agriculture sector, service sector, and small and young firms are particularly vulnerable to extreme weather conditions. Further, the negative impacts of climate risks have decreased substantially in the past two decades, suggesting firms could adapt to climate risks over time. Finally, the stock market does not seem to price in the negative impacts of physical climate risks.

Keywords: Physical climate risk, company performance, climate change, adaptation JEL Codes: L51, O44, Q52, Q58, R38

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- † Authors are ranked alphabetically and contributed equally to the manuscript. The authors thank seminar and conference participants at HKU_HKU lockev Club Inaugural ESG Forum China Climate Impact Conference for valuable comments. The authors also appreciate YoujiVest's data support in the project.



Source: Guosen Securities

Hong Kong Economic Policy Green Paper 2025



Transform Climate Risks into Development Opportunities

— Implications for Hong Kong's Economic Development in an Era of Climate Change

Guojun He Qidan Wang Vivi Hu Cheng Bi

1 Introduction

According to the World Economic Forum's Global Risks Report (2024), three key climate issues have been identified as critical challenges facing humanity: extreme weather events, critical change to earth systems, and biodiversity loss and ecosystem collapse. The current warming of 1.4°C, compared to pre-industrial times, is already causing disruptive global economic impacts (NASA, 2023).

As a castal city with low-lying termin, leng Korg is frequently affected by settmen weather events and has experienced multiple climate disasters in the past decades. Two climate risks are particularly concerning the occurrence of severe bybones and rising sealewise. On the one hand, strong tropical cyclones bring havey analist, strong winds, storm surges, and flooding, often disrupting economic production and negletively affecting vulnerable axes and people. On the other hand, not reproduction and negletively affecting vulnerable axes and people. On the other hand, one concentrated in low-latitude regions, making the economy carricularly successful to the drainess occused by seale level rises.

In the following chaptic, we first aummatize the major climate risks Hong Knop has been exposed the with an emphasis on hyphonar and easily on event in Fallow ("Sead"), aresert typhon, as an earning, we wish an emphasis on an earning, we have the impact of its path, surgle height, and wire intensity. Next, we because not here typhone are assolved rises would after public housing and conduct scenario analysis on the potential economical bosses under different climate pathways. Finally, we provide policy recommendations for adaptive climate resilience on dimitator into

2 Overview of Climate Risks in Hong Kong

Hong Kong has been warming up in the last century. Analysis from the Hong Kong Observatory (HKO showed that the average mean temperature has increased by 0.14°C per decade from 1885 to 2023

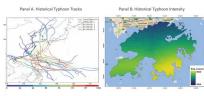
That number reached 0.30°C per decade from 1994 to 2023. Consistent with this trend, the annual average number of hot nights from 2001 to 2023 has increased by 67.18%, while the number of cold days has decreased by 18.19%, relative to 1991-2000 averages. The sea level is also steadily rising, with a growth rate in mean sea level of 31 mm per decade at Victoria Harbor from 1994 to 2023.

Meanwhile, Hong Kong has experienced more typhoons and heavy rainfall in the last two decades. These weather events, including storm surges, strong winds and coastal flooding, have caused sionificant damages.

2.1 Typhoons: The Most Frequent Climate Disaster in Hong Kong

With its back to the northwest Pacific Ocean, Hong Kong is bordered by a range of east-west mountains to the north and a vast ocean to the south, making it highly susceptible to typhoons. The city's temperature and humidity provide ample moisture for tropical cyclones, creating ideal conditions for typhoon formation.

Figure 1. Historical typhoon tracks and intensity from 2014 to 2023



once: This Signer shows the analysis of typhocon affection (steep Kong with non-penich. Dende A Leidt) shows the statistical segmentation of typhocons in the northwest Penich imposit nome 2014 to 2022. Typhocons are critically as interesting value for exceeding Classeys's spikhoson, which is significant for freep Kong. The depotection is expenses represent hydrocon representative, with a cultivary gradeful from pupils for end-calcular princessing stoms interestly. The maximum interestry vacations are considered to the control of the contro

According to the Hong Kong Observatory's definition, a hot night is a night with a minimum temperature of 28°C or above, and a cold day refers to a night with a minimum temperature of 12°C or below.

Transform Climate Risks into Development Opportunities

Latest Publish (HKU Prof Guojun He):

Climate Related Disasters and The performance of Chinese-Listed Companies

Hong Kong Economic Policy
Green Paper 2025

B HONG KONG ECONOMIC POLICY GREEN PAPER 2025

Recognition: 2025 Hong Kong Green Fintech Map ESG / Climate Risk Modelling & Assessment





Recognition: 2025 Global Resilience Technology Competition



After three competitive rounds and over 120 tech innovators from 17 countries, YoujiVest has taken 2nd runner-up at the global finals of the 2025 **Prudence Foundation** SAFE STEPS D-Tech Awards.

Representing China's innovation frontier, Youji Climate Risk Modelling System (CRMS) was recognized for pushing the boundaries of precision in early-warning systems for extreme weather and climate disasters.

2025 ACCA Latest Climate Technology Report

YoujiCRMS is included in the ACCA report as an excellent case study.

YoujiCRMS: A high-resolution solution for climate risk assessment



d to bridge gaps. In response, YoujiVest assessment model that delivers detailed ic asset locations.

o-economic data with state-of-the-art raws on climate data – temperature, ctively capture both localised fluctuations

https://stories.accaglobal.com/climate-tech-forecast/case-studies/youjicrms-ai-climate-tech-drives-advanced-risk-assessment/index.html





Our

service

Products and Client Segments

ESG Risk Scores (CERS)

Quantify overall ESG and 25 sub-issue risks through "sentiment" and "event" analysis

- Outside-in, negative scoring methodology to minimize "greenwashing" risks
- Over 10K+ data sources, including mainstream news, annual/CSR reports, NGOs, government agencies, social media and more

Environmental Pollutant Discharge (CEPD)

- Quantify 600+ discharged pollutants
- Data sourced directly from municipal and provincial sources
- A unique, uncorrelated source of "Environmental" alpha
- Urban city air pollution level real-time monitor, updated hourly

Carbon Emission Metrics (CCEM)

- Compile, normalize and quantify carbon emissions, carbon intensity and footprints
- Data sourced from public, primary sources encompassing Scope 1, 2, 3 GHG emissions
- Carbon emissions estimated for undisclosed companies based on proprietary models

Climate Risk Model Solutions (YoujiCRMS)

- Global Climate Hazards Coverage with high resolution (5m x 5m)
- Covering all RCP-SSP scenario analysis pathways
- Meet the TCFD and various regulatory needs of listed companies and investors
- Quantitative analysis of physical risk and transition risk
- Short term / Long term Loss projection

ESG Disclosure / Enhancement

- ESG/ Corporate
 Sustainability Report
 preparation
- ESG report Assurance
- TCFD disclosure service
- PRI membership and signatory
- ESG Training
- MSCI Rating Improvement Services
- EcoVadis Reporting Services
- CDP Reporting Services

Index Solutions

- Develop custom indexes that are investable, and widely relevant
- Experience fast and cutting-edge index research and development with an ever-growing collection of full suite of ESG and climate data sets.

Data Analytics Consulting Indexing

Our clients span financial institutions, academic institutions, and corporates, with tailored solutions for each:

- Financial institutions: YoujiVest's data and climate modeling solutions are widely adopted by leading asset managers, hedge funds, insurers, banks, and brokers for ESG investing, climate stress testing, quantitative strategies, risk management, and actuarial modeling.
- Academic institutions: Our comprehensive datasets support cutting-edge research in sustainability, climate, and biodiversity, enabling their groundbreaking discoveries. Collaborated with more than 100 global academic institutions.
- Corporates: YoujiVest offers comprehensive ESG reporting services aligned with international standards, along with customized strategies to enhance third-party ESG ratings and ESG sectors. Our tailored solutions support corporate sustainability initiatives, including pollutant prevention, climate risk resilience planning, natural capital analysis, and supply chain management.

Our Clients





Speak with us about your needs

Email: ESG@YOUJIVEST.COM

Cutting - Edge ESG Data Advancing Sustainability

