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# A Holistic Approach to Addressing Climate Risk in the Pacific

## Port Vila Integrated Urban Improvements Project

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# VANUATU



# Greater Port Vila





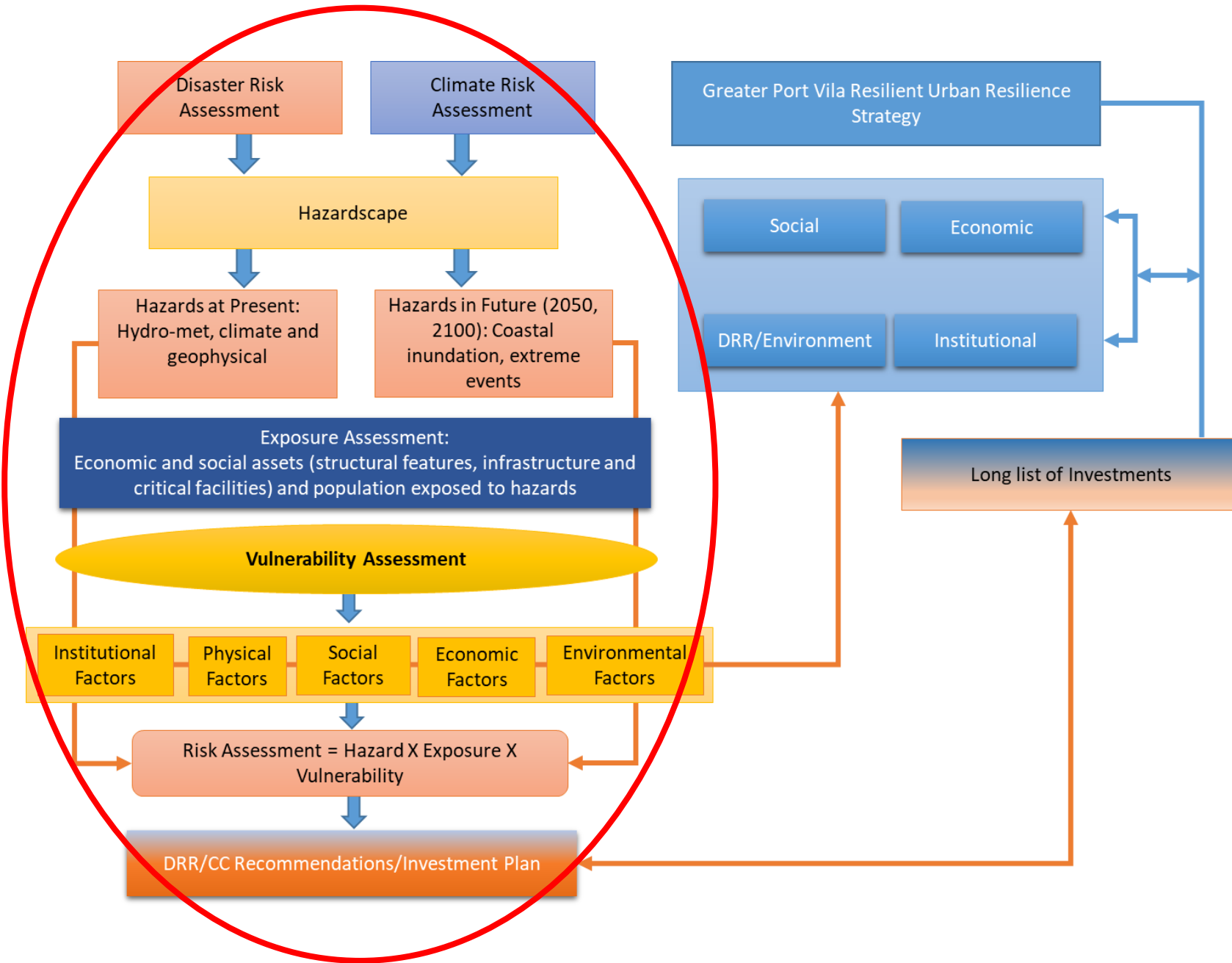


Photo: Juan Francisco Gonzalez Jimenez, Port Vila

# Content

- Climate and disaster risk assessment
- Hazard and asset mapping
- Multi-sector urban development strategy
- Preliminary project design
- Approach – Buying out Risk





# Risk-Informed Approach to Urban Planning & Control

- Risk assessment comes first
- Disaster risk assessments (including CC) involve many steps



# Risk=

# Hazard x Exposure x Vulnerability

Geophysical



Climate-related



Vanuatu - #1 ranked country (out of 172) for disaster risks - World Risk Report

Source: Maria Vicedo Ferrer and Jeffrey Bowyer, 2018

# Application and Integration

- Draft Greater Port Vila Zoning and Development Control Plan
- Hazard risk and asset mapping – building on work by other development partners
- Draft Greater Port Vila Resilient Urban Development Strategy and Action Plan
- Using a combination of risk reduction tools to help buy out risk –
  - Integrated urban planning
  - Climate-proof investments
  - Community outreach and resilience

 drives project design and implementation arrangements





# Learnings

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- Integrates climate and disaster risk through a **non-linear process**;
- Creates a **platform for discussions** around definitions—inclusive, resilience, livable and sustainable;
- Enables **coordination** across sectors, with local government, service providers and partners;
- Investments are **risk-informed**; and
- Drives **urban service improvements** through climate-proof infrastructure.





# Opportunities

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- Explore appropriate technology use;
- Create potential for circular economy;
- Invest in nature-based solutions; and
- Seek development partner financing (climate and disaster risk reduction).





A large, ancient tree with thick, gnarled roots dominates the center of the image. The roots are light brown and have a complex, web-like structure. In the background, there is a small, simple building with a corrugated metal roof. To the right, a person wearing a bright pink shirt is sitting on the ground. The overall scene is outdoors, with green foliage and a clear sky in the background.

THANK YOU

