

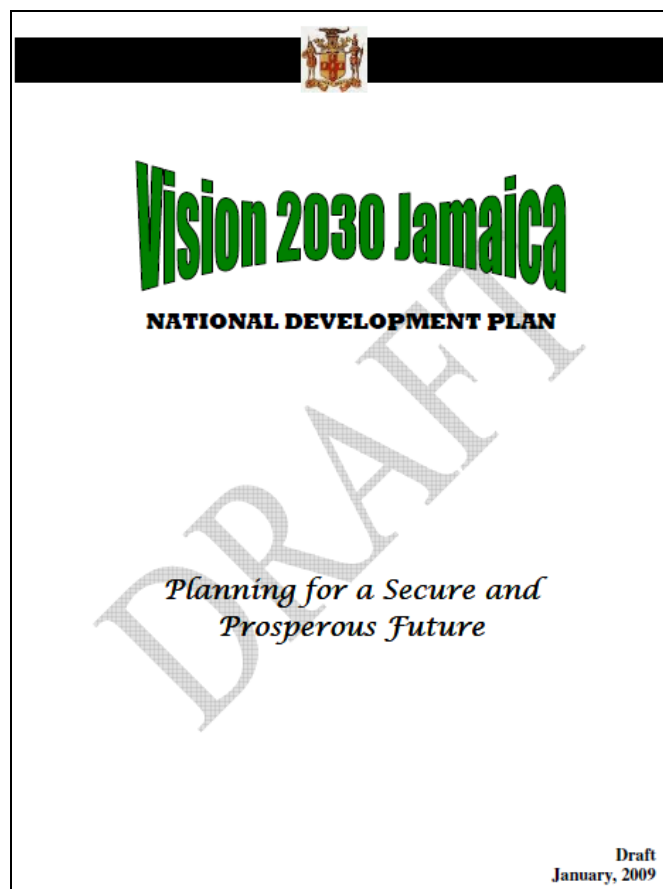
Embedding Science and Technology into Decision-Making for Climate Resilience

The Jamaica Experience

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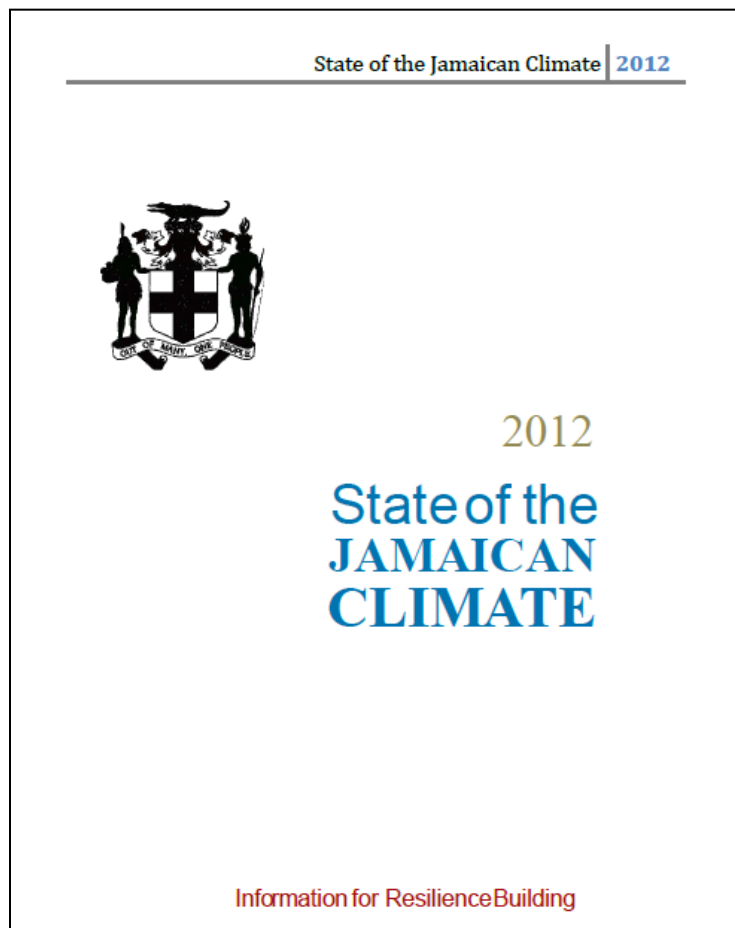
- ▶ **National Outcome 14:**
- ▶ Hazard Risk Reduction and Adaptation to Climate Change
- ▶ **National Strategies**
- ▶ • Improve resilience to all forms of hazards
- ▶ • Develop measures to adapt to climate change
- ▶ • Contribute to the effort to reduce the global rate of climate change
- ▶ • Improve emergency response capability

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▶ **Sector Strategies:**

- Use predictive tools for modelling and mapping and risk assessment
- Expand early-warning systems
- Undertake research to identify sector-specific strategies for adaptation
- Promote the use of clean technologies in the manufacturing sector

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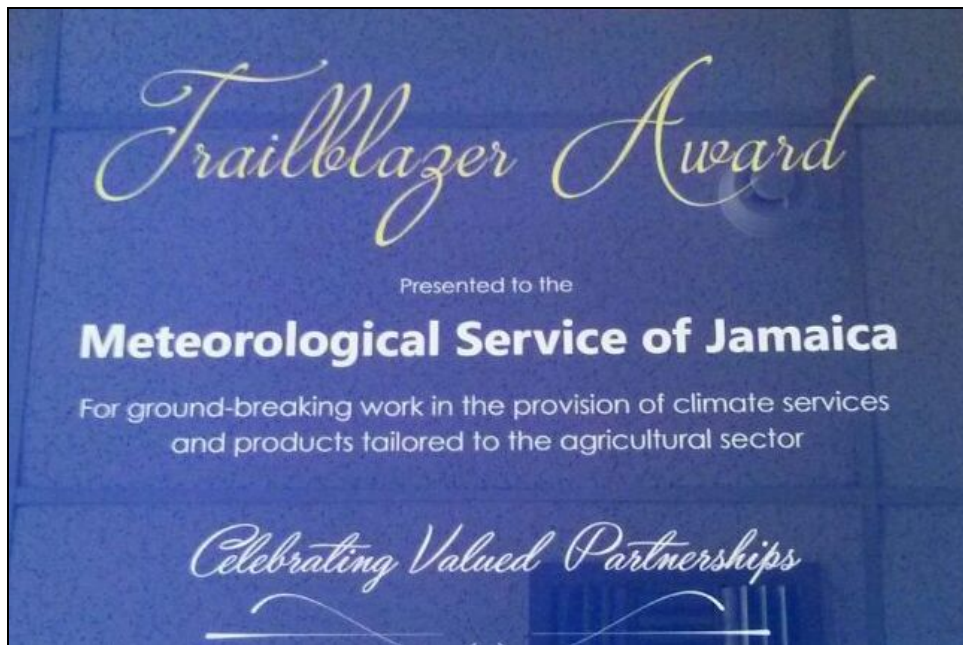


- ▶ Research and modelling to determine likely impacts.
- ▶ This has identified the issues to be addressed for the different sectors.
- ▶ These findings also informed the areas which were identified for funding under the SPCR (State of Jamaica Climate).

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▶ Promising Technological Innovations

- **Drought Analysis & Forecasting:** Preventive actions taken to reduce the impacts of drought in the farming communities as well as the water management authorities.
- **Improved Network of real time stations:** Development of an early warning system through collaboration with key stakeholders and of more and varied datasets for expansion of possible products to inform on-the-ground decisions.
- **Radar Technology:** Improvement in weather monitoring and early warning.