The Caribbean Catastrophe Risk Insurance Facility (CCRIF) is the first multi-country risk pool in the world, and is also the first insurance instrument to successfully develop parametric policies backed by both traditional and capital markets. It is a regional catastrophe fund for Caribbean governments designed to limit the financial impact of devastating hurricanes and earthquakes by quickly providing financial liquidity when a policy is triggered. CCRIF was developed through funding from the Japanese Government, and was capitalised through contributions to a multi-donor Trust Fund by the Government of Canada, the European Union, the World Bank, the governments of the UK and France, the Caribbean Development Bank and the governments of Ireland and Bermuda, as well as through membership fees paid by participating governments. Sixteen governments are currently members of the fund: Anguilla, Antigua & Barbuda, Bahamas, Barbados, Belize, Bermuda, Cayman Islands, Dominica, Grenada, Haiti, Jamaica, St. Kitts & Nevis, St. Lucia, St. Vincent & the Grenadines, Trinidad & Tobago and Turks & Caicos Islands.

CCRIF website: [www.ccrif.org](http://www.ccrif.org)

**Board of Directors**
- Milo Pearson, Executive Chairman
- Isaac Anthony, CARICOM-nominated board member, representing participating countries
- Faye Hardy, CDB-nominated board member, representing donors
- Ken Blakeley, CARICOM-nominated board member, insurance specialist
- Desirée Cherebin, CDB-nominated board member, finance specialist

**The CCRIF Team**
- Caribbean Risk Managers Ltd, Facility Supervisor
- Sagicor Insurance Managers Ltd, Insurance Manager
- London & Capital Ltd, Asset Manager
- EFG Bank (Cayman), Asset Manager
- Guy Carpenter & Co LLC, Reinsurance Broker
- Sustainability Managers, Communications Manager
Vision Statement
CCrif will be a key partner with the Caribbean region in its disaster risk management strategies to support long-term sustainable development goals.

Mission Statement
Our Mission is to serve Caribbean governments and their communities in reducing the economic impact of natural catastrophes. We provide immediate liquidity through a range of affordable insurance products in a way that is financially responsible and responsive to their needs.

Products
CCrif offers parametric insurance products that provide coverage for hurricanes and earthquakes and will be offering coverage for excess rainfall in 2012.

Customer Values
The clients of the not-for-profit CCRIF are the member countries of the Caribbean Community. CCRIF promises its clients to:

1. Fill a gap in available insurance offerings for natural catastrophes
2. Ensure a joint reserve mechanism for future benefits
3. Provide member countries confidence in its ability to provide financial support
4. Supply tools and strategies for enhanced disaster risk management
5. Provide the highest degree of service at the best possible price
6. Ensure speedy payouts
7. Meet best standards in transparency and accountability
8. Effectively communicate with members and stakeholders
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## Acronyms

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMU</td>
<td>German Federal Ministry of the Environment and Nuclear Safety</td>
</tr>
<tr>
<td>CaribRM</td>
<td>Caribbean Risk Managers Ltd.</td>
</tr>
<tr>
<td>CARICOM</td>
<td>Caribbean Community</td>
</tr>
<tr>
<td>CCCCC</td>
<td>Caribbean Community Climate Change Centre</td>
</tr>
<tr>
<td>CCRIF</td>
<td>Caribbean Catastrophe Risk Insurance Facility</td>
</tr>
<tr>
<td>CDB</td>
<td>Caribbean Development Bank</td>
</tr>
<tr>
<td>CDEMA</td>
<td>Caribbean Disaster and Emergency Management Agency</td>
</tr>
<tr>
<td>CDM</td>
<td>Comprehensive Disaster Management</td>
</tr>
<tr>
<td>CEO</td>
<td>Chief Executive Officer</td>
</tr>
<tr>
<td>CIMH</td>
<td>Caribbean Institute for Meteorology and Hydrology</td>
</tr>
<tr>
<td>COP</td>
<td>Community of Practice</td>
</tr>
<tr>
<td>COP17</td>
<td>17th Conference of Parties to the United Nations Framework Convention on Climate Change (held in 2011 in Durban, South Africa)</td>
</tr>
<tr>
<td>EU</td>
<td>European Union</td>
</tr>
<tr>
<td>HLEM</td>
<td>Hazard Loss Estimation Model</td>
</tr>
<tr>
<td>IDP</td>
<td>International Development Partner</td>
</tr>
<tr>
<td>JAXA</td>
<td>Japan Aerospace Exploration Agency</td>
</tr>
<tr>
<td>KAC</td>
<td>Kinetic Analysis Corporation</td>
</tr>
<tr>
<td>MCII</td>
<td>Munich Climate Insurance Initiative</td>
</tr>
<tr>
<td>MoU</td>
<td>Memorandum of Understanding</td>
</tr>
<tr>
<td>MPRES</td>
<td>Multi-Peril Risk Estimation System</td>
</tr>
<tr>
<td>NASA</td>
<td>United States National Aeronautics and Space Administration</td>
</tr>
<tr>
<td>ODPEM</td>
<td>Office of Disaster Preparedness and Emergency Management (Jamaica)</td>
</tr>
<tr>
<td>OECS</td>
<td>Organisation of Eastern Caribbean States</td>
</tr>
<tr>
<td>RTFS</td>
<td>Real-Time Forecasting System</td>
</tr>
<tr>
<td>SRC</td>
<td>Seismic Research Centre (University of the West Indies, St. Augustine, Trinidad)</td>
</tr>
<tr>
<td>TA</td>
<td>Technical Assistance</td>
</tr>
<tr>
<td>TRMM</td>
<td>Tropical Rainfall Measurement Mission</td>
</tr>
<tr>
<td>UK</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>UNDP</td>
<td>United Nations Development Programme</td>
</tr>
<tr>
<td>UNFCCC</td>
<td>United Nations Framework Convention on Climate Change</td>
</tr>
<tr>
<td>UWI</td>
<td>University of the West Indies</td>
</tr>
</tbody>
</table>
INTRODUCTION

This report, for the period 1 December 2011 – 29 February 2012, is the third quarterly report in the 2011/2012 fiscal and policy year for CCRIF. It is designed to provide an update on progress during this quarter towards achievement of CCRIF’s Strategic Objectives (see Figure 1) as defined in the CCRIF Strategic Plan 2009/2010 – 2011/2012. In providing this progress update, this quarterly report also illustrates how the Facility upholds its customer values.

The report presents:

Progress during the quarter towards the achievement of each of CCRIF’s six strategic objectives as defined in the CCRIF Strategic Plan 2009/2010 – 2011/2012.

Key topics covered under the strategic objectives include the following:

- **Strategic Objective 1**: Tropical Cyclone and Earthquake Review – a description of the reportable Hurricane and Earthquake events that affected CCRIF member countries during the quarter (this includes an indication of whether a country’s policy was triggered and, if so, identifies the level of payout made)
- **Strategic Objective 2**: Partnerships between CCRIF and Caribbean institutions as well as the Facility’s communications activities
- **Strategic Objective 3**: The Real-Time Forecasting System (RTFS), CCRIF’s Technical Assistance Programme, and participation in, and sponsorship of, conferences pertaining to disaster risk management
- **Strategic Objective 4**: Policy renewals and membership
- **Strategic Objective 5**: Funding opportunities and investment strategies
- **Strategic Objective 6**: Strategic and operational planning and activities being undertaken by the Board of Directors
Outlook for the Next Quarter – a presentation of the Facility’s focus for the final quarter of this fiscal year – March to May 2012. This section also lists some activities and events that are anticipated to occur during the next quarter.

This report is designed as an electronic document and allows the reader to utilise the hyperlinks to access documents mentioned in the report as well as other background information.¹

OVERVIEW of the QUARTER

There were no reportable hazard events that affected CCRIF members in this quarter. While there were two minor events that affected countries in the region, neither of these affected CCRIF members.

CCRIF supported and participated in the 6th Caribbean Conference on Comprehensive Disaster Management held 5-9 December 2011 in Trinidad hosted by the Caribbean Disaster Emergency Management Agency (CDEMA). This conference celebrated CDEMA’s twentieth anniversary. CCRIF’s support was part of the Facility’s commitments under the Memorandum of Understanding with the Agency.

Implementation of the Climate Risk Adaptation and Insurance in the Caribbean programme continued in the three pilot countries (Grenada, Jamaica, and Saint Lucia). The project team – consisting of CaribRM (on behalf of CCRIF), MicroEnsure, Munich Re and MCII worked on the pricing and identification of partners for the two products being developed: the Loan Portfolio Cover and a Livelihood Protection Policy. Activities focused on the development of business partnerships with key stakeholders.

The policy renewal process began for existing Hurricane and Earthquake policies within a comprehensive stakeholder outreach strategy. Preparations for introduction of the Excess Rainfall product were started.

¹Hyperlinks are indicated by underlined text. Click on this text to access the referenced online document or website.
PROGRESS TOWARDS ACHIEVEMENT of STRATEGIC OBJECTIVES

Strategic Objective 1

To offer products and services responsive to members and stakeholders needs

Strategic Objective 1 focuses on ensuring that CCRIF meets the needs of current and potential member countries within the Caribbean. The Facility is continuously seeking to improve its products as well as to develop new initiatives at the request of Caribbean governments. CCRIF continues to offer its Tropical Cyclone and Earthquake policies to its member countries.

Since the inception of CCRIF in 2007, the Facility has made eight payouts totalling US$32,179,470 to seven member governments. All payouts were transferred to the respective governments immediately after the stipulated 14-day waiting period (and in some cases advances were made within a week) after each event. These payouts are shown in the table below.

<table>
<thead>
<tr>
<th>Event</th>
<th>Country Affected</th>
<th>Payouts (US$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earthquake, 29 November 2007</td>
<td>Dominica</td>
<td>528,021</td>
</tr>
<tr>
<td>Earthquake, 29 November 2007</td>
<td>Saint Lucia</td>
<td>418,976</td>
</tr>
<tr>
<td>Tropical Cyclone Ike, September 2008</td>
<td>Turks and Caicos Islands</td>
<td>6,303,913</td>
</tr>
<tr>
<td>Earthquake, 12 January 2010</td>
<td>Haiti</td>
<td>7,753,579</td>
</tr>
<tr>
<td>Tropical Cyclone Earl, August 2010</td>
<td>Anguilla</td>
<td>4,282,733</td>
</tr>
<tr>
<td>Tropical Cyclone Tomas, October 2010</td>
<td>Barbados</td>
<td>8,560,247</td>
</tr>
<tr>
<td>Tropical Cyclone Tomas, October 2010</td>
<td>Saint Lucia</td>
<td>3,241,613</td>
</tr>
<tr>
<td>Tropical Cyclone Tomas, October 2010</td>
<td>St. Vincent &amp; the Grenadines</td>
<td>1,090,388</td>
</tr>
<tr>
<td><strong>Total for the Period 2007 - 2010</strong></td>
<td></td>
<td><strong>US$32,179,470</strong></td>
</tr>
</tbody>
</table>

The focus for 2011-2012 within this Strategic Objective is on:
- Support of existing Tropical Cyclone and Earthquake policies
- Development of an Excess Rainfall product
- Development of a strategy for further engagement of donors

Progress made during this quarter on activities to support Strategic Objective 1 is described below.

**Tropical Cyclone and Earthquake Policy Review**

During this quarter, there were no reportable hazard events that affected any CCRIF member country. Two minor events below the reporting threshold occurred in a few countries in the region. These included a 4.5 magnitude earthquake on 15 February, which affected the British Virgin Islands, and floods due to prolonged rainfall in Georgetown, Guyana on 28-29 February.
**Excess Rainfall Product**

Progress continued on the Excess Rainfall product, with the expectation to offer it by June 2012 or soon thereafter during the 2012-2013 policy year. The CCRIF/Swiss Re Excess Rainfall product is underpinned by parametric estimation of the impacts of heavy rain using the following inputs:

- Rainfall from satellite data (historical to estimate probabilities/pricing and real-time to calculate estimated index losses and payouts)
- Exposure from the CCRIF Multi-Peril Risk Estimation System (MPRES) database (which also underpins the tropical cyclone and earthquake models used for CCRIF’s other products)
- Vulnerability using empirical fitting of historical impact information

The Excess Rainfall product uses the NASA/JAXA Tropical Rainfall Measurement Mission (TRMM) daily rain data at 15 arcminute (~25 km) resolution. This data set is in the public domain and is readily accessible via a sophisticated web interface hosted by NASA.

Development of a rainfall hazard and risk profile for Jamaica, as a demonstration and template, continued during this quarter. Rainfall profiles for Jamaica and other countries will be finalised early in the next quarter. The risk profiles provide the necessary information for CCRIF and Swiss Re to price coverage. Coverage characteristics, within limits, will be selected by each country separately (in the same way as existing CCRIF Earthquake and Tropical Cyclone coverage selections are made). The premium cost is risk-based, and therefore depends on the rainfall risk profile of the country and the coverage characteristics selected.

A draft business plan for offering the product was prepared in February and distributed to the Board for discussion.

**Multi-Peril Risk Estimation System**

The contract and terms of reference for Kinetic Analysis Corporation’s updates to the Multi-Peril Risk Estimation System (MPRES) for the 2013 policy year were provided to the CCRIF Board and are being reviewed. In January, the Facility Supervisor produced the draft report, *Verifying CCRIF’s Loss Modelling – Assessment of 2011 Tropical Cyclone Events*, which provides verification of the performance of the model on major Tropical Cyclone events affecting the Caribbean region during the 2011 season. Since there were no tropical cyclone payouts in the 2011-12 policy year, the report investigates a major event that had the potential to produce a payout if conditions were different, Hurricane Irene, which affected several islands in the CCRIF portfolio. The report investigates how final losses generated by the model corresponded with government and independent estimates as well as what types of conditions would have caused the storm to trigger a payout in one of the CCRIF territories, the Bahamas.
Strategic Objective 2 focuses on CCRIF facilitating and promoting informed decision making through programmes and activities directed to its members, the media, public policy makers, and the general public towards raising its profile as an outstanding Caribbean Community entity.

The focus for 2011-2012 within this Strategic Objective is on:

- Development and strengthening of partnerships with key entities in the region through the development of MoUs and collaborative programmes
- Provision of materials to members to facilitate better understanding of CCRIF
- Timely reporting of CCRIF activities to stakeholders
- Maintenance and expansion of the capabilities of the CCRIF website to meet stakeholder needs

Progress made during this quarter on activities to support Strategic Objective 2 is described below.

**Partnerships**
CCRIF continues to strengthen partnerships and to work with various entities in the region. Progress made with some of the Facility's key Caribbean partners during this quarter is described below.

**Organisation of Eastern Caribbean States - OECS**
The Memorandum of Understanding (MoU) between CCRIF and the OECS Secretariat was approved by the CCRIF Board and OECS Secretariat. The MoU will facilitate the governments of the Eastern Caribbean states in adopting policies on disaster risk reduction and mitigation towards minimising the socio-economic, physical and environmental damage caused by natural hazards. The MoU is expected to be signed in the next quarter.

**University of the West Indies Seismic Research Centre – UWI SRC**
Revisions were made by UWI Seismic Research Centre (SRC) to the MoU regarding the Centre's initiating a programme to establish and maintain a new accelerometric network in the Eastern Caribbean and Jamaica. The revised MoU was approved by the CCRIF board and will be signed in the next quarter.

**Communication and Publications**

**CCRIF Publications**
During this quarter, the following CCRIF publications were produced:

- CCRIF Newsletter, *CCRIF News* Vol. 3 No.2 January 2012
- CCRIF Quarterly Report for the period 1 September – 30 November 2011
During this quarter, CCRIF distributed over 1,500 copies of its various publications to stakeholders at meetings and workshops and via email.

**External Publications and Reports**

CCRIF regularly contributes articles to publications and journals which focus on insurance, disaster management, climate change and environmental issues. Also, the CCRIF model is regularly featured in various publications prepared by a range of stakeholders. Some of the publications and reports in which CCRIF was included during this quarter are presented below.

- **Demand for Weather-related Insurance and Risk Management Approaches in the Caribbean** – published by MCII, GTZ
- **Tackling Climate Risk: An Insurance Contribution to the COP Discussions** – published by the Geneva Association
- **Compendium of disaster risk transfer initiatives in the developing world** – Published by ClimateWise
- **Building effective and sustainable risk transfer initiatives in low- and middle-income economies: what can we learn from existing insurance schemes?** – Published by Centre for Climate Change Economics and Policy, Grantham Research Institute on Climate Change and the Environment
- **Strengthening of Risk Assessment and Multi-hazard Early Warning Systems for Meteorological, Hydrological and Climate Hazards in the Caribbean** – Published by the World Meteorological Organization
- **The CCRIF quarterly report for September – November 2011** was made available on the ReliefWeb and AidNews websites

**Press Coverage and Media Communications**

During the quarter, one press release was issued and disseminated to stakeholders and press houses regionally and internationally:

- **CCRIF Launches Extra-Regional Scholarship Programme for Caribbean Nationals** – February 23

This quarter, CCRIF was mentioned in various press articles 23 times – compared with 13 articles during the previous quarter (an increase of 77%). These articles were mainly from Caribbean newspapers and news outlets and websites as well as European and US insurance/finance publications.

During this quarter, press coverage focused on the Climate Risk Adaptation and Insurance in the Caribbean programme that aims to provide insurance solutions to low-income groups, CCRIF’s extra-
regional scholarships, and CCRIF as a model for risk mitigation and within the context of climate adaptation. Details about all articles that appeared in the press this quarter are provided in Appendix 1.

Website
During this quarter, the CCRIF website was accessed 2,851 times (as measured by the number of visits) from users in 116 countries. This represented an increase of 10% compared with the previous quarter (with 2,594 visits). Sixty-seven percent of these visits were from users who were visiting the website for the first time. Nine hundred and sixty-eight or 34% of the visits were from the Caribbean – an increase of 18% compared with the previous quarter which had 817 visits from the Caribbean.

Figure 2 shows the visits during this quarter from the Caribbean countries which accessed the site the most times. Figure 3 shows the website access for this quarter and the previous quarter by country group.

![Figure 2: Visits to CCRIF Website of Caribbean countries which accessed the website most often during this quarter: December 2011 - February 2012](image)

![Figure 3: Visits to CCRIF Website by Country Group for Quarters 1, 2 and 3 (June 2011 – February 2012)](image)
Strategic Objective 3

To support disaster risk management

Strategic Objective 3 focuses on enhancing the capacity within the Caribbean Region for comprehensive disaster management. CCRIF supports its members in the development and implementation of strategies for disaster risk management, building on existing mechanisms, institutions, tools and capacities. CCRIF is currently pursuing this objective by providing access to and support for the Real-Time Forecasting System; implementing a Technical Assistance (TA) Programme; and developing projects in collaboration with regional institutions and international organisations.

The TA Programme has three components as shown below:

- **Scholarship/Prof. Dev. Programme**
  - Students across the region to benefit
  - Scholarships for BSc and MSc programmes
  - Continued professional development

- **Regional ‘Strategic’ Knowledge Building**
  - Partnerships with regional institutions
  - Funding for regional technical projects in natural hazards/risk science

- **Support for Local DRM Initiatives**
  - Support for NDCs, NGOs and other community-based organisations in local hazard risk management and climate change initiatives

The focus for 2011-2012 within this Strategic Objective is on:

- Expansion of use of the Real-Time Forecasting System (RTFS)
- Improvement of the RTFS tool
- Implementation of activities within components 1 and 2 of the CCRIF Technical Assistance Programme:
  - Provision of scholarships at UWI and institutions outside the Caribbean
  - Support for professional development of Caribbean professionals engaged in the field of disaster/catastrophe risk management
  - Expansion of the Economics of Climate Adaptation initiative in the Caribbean
  - Implementation of other regional technical projects
- Contribution to key regional and international events and publications related to disaster risk management

Progress made during this quarter on activities to support Strategic Objective 3 is described below.

**Real-Time Forecasting System**

CCRIF produced an end-of-season report on the usage of the Real-Time Forecasting System (RTFS) in 2011. As stated in this report, and shown in the table below, CCRIF provided 179 users with access to the RTFS during the 2011 Hurricane Season – an 80% increase in users over 2010. The RTFS webpage was accessed 571 times from 19 countries – a 72% increase in usage over the 2010 season.
### RTFS Usage

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2011</th>
<th>Increase 2010-2011</th>
</tr>
</thead>
<tbody>
<tr>
<td># user accounts</td>
<td>100</td>
<td>179</td>
<td>79%</td>
</tr>
<tr>
<td># times accessed</td>
<td>331</td>
<td>571</td>
<td>72%</td>
</tr>
</tbody>
</table>

During this quarter, CCRIF continued to receive requests for access to the RTFS. During the next quarter, activities will begin to prepare current and new users to use the system in the 2012 Hurricane Season.

**Technical Assistance Programme**

Terms of Reference for a Technical Assistance (TA) sub-committee of the Board were drafted. This sub-committee will provide strategic guidance, direction and quality assurance to the ongoing development and implementation of the TA Programme.

Progress made during this quarter within two components of the CCRIF TA Programme – Scholarships and Professional Development, and Regional Strategic Knowledge Building – is described below.

**Scholarship/Professional Development**

The CCRIF Scholarship and Professional Development Programme includes the provision of scholarships to students to attend UWI as well as institutions outside the Region.

**CCRIF/UWI Scholarship Programme**

During this quarter:

- CCRIF provided scholarship support for the final year of two undergraduate students who received CCRIF scholarships for their second study year in 2010/11
- Two additional undergraduate scholarships were provided to two students starting their second year of studies in the Engineering Faculty (St. Augustine campus in Trinidad)
- CCRIF reviewed and approved applications received for funding for two MPhil students in disaster management – CCRIF supported one of these students as the other upgraded her degree to a PhD (thereby becoming ineligible for the CCRIF scholarship)
- The CCRIF/UWI Scholarship Programme was institutionalised as part of the general UWI scholarship process

Between academic years 2010/11 and 2011/12 CCRIF has provided 9 scholarships to students at the Mona (Jamaica) and St. Augustine (Trinidad & Tobago) campuses of the University of the West Indies. These are highlighted in the table below. The total value of awards disbursed to date is US$89,250.

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
<th>Faculty</th>
<th>Nationality of Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010/11</td>
<td>Rhon-Paul Soltau</td>
<td>BSc. Civil and Environmental Engineering, St. Augustine (2nd Year)</td>
<td>Jamaican</td>
</tr>
<tr>
<td></td>
<td>Wanda Monrose</td>
<td>BSc. Civil and Environmental Engineering, St. Augustine (2nd Year)</td>
<td>Jamaican</td>
</tr>
<tr>
<td></td>
<td>Odene Baker</td>
<td>BSc. Department of Geography and Geology,</td>
<td>Jamaican</td>
</tr>
<tr>
<td>Year</td>
<td>Recipient</td>
<td>Faculty</td>
<td>Nationality of Recipient</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------</td>
<td>----------------------------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td></td>
<td>Mona (3rd year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gerarda Ramcharansingh</td>
<td>MSc. Disaster Management, Mona</td>
<td>Trinidadian</td>
</tr>
<tr>
<td></td>
<td>Kevin Douglas</td>
<td>MSc. Disaster Management, Mona</td>
<td>Jamaican</td>
</tr>
<tr>
<td></td>
<td>Dorlan Burrell</td>
<td>Msc. Disaster Management, Mona</td>
<td>Jamaican</td>
</tr>
<tr>
<td>2011/12</td>
<td>Rhon-Paul Soltau</td>
<td>BSc. Civil and Environmental Engineering, St. Augustine (3rd Year) – continuation of scholarship</td>
<td>Jamaican</td>
</tr>
<tr>
<td></td>
<td>Wanda Monrose</td>
<td>BSc. Civil and Environmental Engineering, St. Augustine (3rd Year) – continuation of scholarship</td>
<td>Jamaican</td>
</tr>
<tr>
<td></td>
<td>Thalia Balkaran</td>
<td>MPhil Disaster Management (Year 1 of 2 years)</td>
<td>Trinidadian</td>
</tr>
<tr>
<td></td>
<td>Julian Wilson</td>
<td>BSc. Civil Engineering (2nd year)</td>
<td>Barbadian</td>
</tr>
<tr>
<td></td>
<td>Kenton Gamble</td>
<td>BSc. Civil Engineering (2nd year)</td>
<td>Barbadian</td>
</tr>
</tbody>
</table>

**Extra-regional Scholarship Programme**

The guidelines for the CCRIF extra-regional scholarship programme were finalised and approved by the Board. Through this programme, CCRIF will provide three scholarships annually for citizens in its member states wishing to obtain a Masters degree in areas related to disaster risk management at a university in the United Kingdom, United States or Canada. The application process for the 2012-2013 academic year began in February as follows:

- Announcements sent out to regional contacts, ministries/departments and agencies
- A press release was sent out
- A web page was developed on the CCRIF site that includes information on the scholarships and the application process; the web page was designed to enable applicants to upload their application forms and supporting documents
- An email address was set up to receive queries from potential participants – many requests for information were received and 1 application received (the deadline is 13 April 2012).

**Regional Strategic Knowledge Building**

![MCII Logo](image1) ![Munich RE Logo](image2) ![CCRIF Logo](image3) ![MicroEnsure Logo](image4)

**Climate Risk Adaptation and Insurance in the Caribbean programme**

The Climate Risk Adaptation and Insurance in the Caribbean programme seeks to help vulnerable people adapt to extreme weather events.

The programme will design and implement products that combine risk reduction and insurance for low-income groups such as small farmers and day labourers in the region. The products target medium-level weather extremes (hurricanes and rainfall), which are likely to increase in frequency and intensity with climate change.

Supported by the German Federal Ministry of the Environment and Nuclear Safety (BMU), this programme is being implemented within the Munich Climate Insurance Initiative (MCII) by a partnership made up of Munich Re, MicroEnsure and CCRIF.
The project team – consisting of CaribRM (on behalf of CCRIF), MicroEnsure, Munich Re and MCII – supported the business partner development phase of the project, hosting the project partners and making arrangements for meetings with potential stakeholders in all three “fast track” countries (Grenada, Jamaica, and Saint Lucia). The team worked on pricing and identifying partners for both products (Loan Portfolio Cover and Livelihood Protection Policy).

During this quarter, the team supported MicroEnsure’s recruitment of country relationship managers in each of the three pilot countries. These managers will be responsible for building and maintaining relations with the local partners, including insurance companies and distributors, and carrying out client education, especially to the potential policy holders, regulators and senior staff at the local distribution channels.

The Communications Group for the project – consisting of representatives from MCII, CCRIF, MicroEnsure and Munich Re – continued work on the development of a public relations strategy, which will complement the client education programme.

Conferences and Events
During this quarter, members of the CCRIF Board and Team participated in two conferences and meetings which focused on climate change. CCRIF was invited to these meetings primarily to share information about the Facility and also to participate in discussions related to disaster risk management and climate adaptation in the Caribbean as well as in other regions in the world. Also, CCRIF sponsored one major regional event, the Sixth Caribbean Conference on Comprehensive Disaster Management.

CCRIF Sponsorship

Sixth Caribbean Conference on Comprehensive Disaster Management

CCRIF supported and participated in the 6th Caribbean Conference on Comprehensive Disaster Management held 5-9 December 2011 in Trinidad. This conference celebrated the twentieth anniversary of the Caribbean Disaster Emergency Management Agency (CDEMA) and CCRIF’s support is part of the Facility’s commitments under the Memorandum of Understanding with the Agency.
CCRIF’s participation included:

- Providing sponsorship for and participating in a plenary session entitled *CDM Moving Forward: Seizing Opportunities and Repositioning*. CCRIF provided sponsorship for the inaugural High-Level Session of the conference held as part of this plenary. This session, entitled *Strategies for Effective Disaster Risk Management Policy and Programming in Small States*, included a keynote address by Ms Margareta Wahlstrom, Special Representative of the United Nations Secretary General on Disaster Risk Reduction and a discussion led by a panel consisting of ministers of government from small island states.

- Assisting with Professional Development Sessions on:
  - The Global Earthquake Model (GEM) conducted by UWI Seismic Research Centre
  - Flood Early Warning Systems conducted by the Japan International Cooperation Agency

- Participating on the panel for the first Plenary Session entitled *CDM Reflection: Retracing Steps, Celebrating Achievements, Distilling Gaps* with special guest speaker His Excellency Ambassador Sir Lloyd Erskine Sandiford, Ambassador of the Government of Barbados to the People’s Republic of China

- Participating in a Concurrent Session focusing on Climate Smarting National Disaster Risk Management Programmes

- Hosting an informal CCRIF open-house

- Setting up a booth for the conference exhibition

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*Dr. Simon Young, CEO of CaribRM, CCRIF Facility Supervisor addressing the audience during a session on CARICOM cooperation for disaster management at the 6th Caribbean CDM Conference. From left to right: Dr. Simon Young, Mr. Franklin McDonald (Coordinator, Institute for Sustainable Development, University of the West Indies), Right Honourable Sir Lloyd Erskine Sandiford, Mr. Jeremy Collymore (Director, CDEMA), Mr. Ronald Jackson (Director General, Jamaica’s Office of Disaster Preparedness and Emergency Management), and Mr. Roger Bellers (Disaster Risk Reduction Adviser, Department for International Development)*
Participation by CCRIF Board and Team in Conferences

UN Climate Change Conference in Durban

Ms Ekhosuehi Iyahen, Project Development Manager at CaribRM, CCRIF Facility Supervisor, participated in several sessions associated with COP17, the UN Climate Change Conference held in Durban, South Africa between 28 November and 9 December 2011. CCRIF’s participation in COP17 is described in the quarterly report for September - November 2011.

Stakeholder Consultation on the Community of Practice and Adaptation to Climate Change

Elizabeth Emanuel of Sustainability Managers represented CCRIF at the Stakeholder Consultation on the Community of Practice and Adaptation to Climate Change held 1 December. This consultation was hosted by the Office of Disaster Preparedness and Emergency Management (ODPEM) and the UNDP in Jamaica. The main focus of the meeting was to discuss the draft concept note for building a community of practice (COP) on disaster risk reduction and adaptation to climate change in Jamaica.

Stakeholders at the meeting were exposed to the objectives of a community of practice, how it is operationalised, other regional examples as well as the overall benefits to members of the COP and to development effectiveness. Stakeholders were engaged in lively discussion on the strategies that could be employed to develop a COP in Jamaica and the possibility of building on existing networks and communities. With the support of the UNDP, a COP on Governance has been established in Jamaica and participants were provided with information on this COP and how it was contributing to meeting the strategic objective of the Ministry of National Security in Jamaica – the benefits, strengths and lessons learned that could be adopted in the development of this COP.

2 COP17 serves as the 17th meeting of the Parties to the UNFCCC and the 7th meeting of the Parties to the Kyoto Protocol
Strategic Objective 4
To expand coverage and membership

Strategic Objective 4 focuses on maximising the benefits to Caribbean countries from CCRIF insurance policies. Increased levels of coverage would result in larger payouts which could further stabilise government services and provide a springboard to more rapid and comprehensive recovery. CCRIF also seeks to effectively enable non-members to become members of the Facility to improve comprehensive disaster management in the region as a whole. CCRIF works with its members to define adequate coverage levels and with key donors to facilitate members attaining these levels of coverage.

The focus for 2011-2012 within this Strategic Objective is on:
- Engaging in dialogue with members regarding policy renewals
- Conducting specific outreach activities to non-members
- Using key opportunities to discuss the soon-to-be-offered Excess Rainfall product

Progress made during this quarter on activities to support Strategic Objective 4 is described below.

Policy Renewals
The premium for the last member country with payment outstanding was received by CCRIF in January.

The process for 2012/13 renewals began. The first contact letter was sent to current members. The country risk profiles for each country are being finalised and will be provided to each country early in the next quarter. The renewal process for existing hurricane and earthquake policies is being conducted in conjunction with the introduction of the Excess Rainfall product.
Strategic Objective 5

To achieve sustainable financial integrity

Strategic Objective 5 focuses on financial sustainability. CCRIF works to maintain its strong capital base and continuously reviews its investment policy to be able to be flexible in negotiating advantageous rates to its members and retain its claims-paying capacity.

The focus for 2011-2012 within this Strategic Objective is on:

- Development of a strategy for funding from international development partners
- Review of the Facility’s financial strategy
- Revision of the investment strategy
- Integration of new products into the existing framework and assessment of the impact of the Excess Rainfall product
- Review of the reinsurance strategy to consider options for cheaper risk transfer

Progress made during this quarter on activities to support Strategic Objective 5 is described below.

**Reinsurance Strategy/Risk Transfer**

CaribRM, KAC and Guy Carpenter worked on model comparisons between MPRES and vendor models to enrich the reinsurer information package. Throughout the quarter, there was ongoing discussion with Guy Carpenter in preparation for reinsurance renewal. The Facility Supervisor met with the World Bank Treasury to explore securing a catastrophe bond for CCRIF’s reinsurance programme in the future as well as a catastrophe swap if required.
Strategic Objective 6

To create a governance framework built on transparency and accountability principles

Strategic Objective 6 focuses on maintaining the transparent and efficient operations of CCRIF. The Facility is developing an effective management framework for sustained growth that addresses both decision-making and governance with a focus on high-quality internal controls to enhance efficiencies and reduce the risk of business interruption. The concepts of transparency and accountability for sustainable development are integrated at all levels of the Facility’s decision making and into business planning as well as management information and control systems.

The focus for 2011-2012 within this Strategic Objective is on:

- Development of a protocol for planning, monitoring and evaluation
- Finalisation of the business continuity plan

Progress during this quarter related to CCRIF’s governance and management is described below.

Board Meeting
A meeting of the CCRIF Board of Directors was held on 13 & 14 December 2011 in Bermuda.

Strategic Plan
A strategic planning retreat was held on 28 & 29 February 2012 to develop a new CCRIF Strategic Plan for 2012/13-2014/15. The new strategic plan was based on a review of the Strategic Plan for 2009/2010 – 2011/2012 and of CCRIF’s performance in achieving the strategic objectives as set out in that plan. The vision, mission and customer values were revised and new strategic objectives determined. Strategic initiatives to be implemented to achieve the strategic objectives were identified, as well as indicators and metrics to measure progress. The new plan will be finalised and disseminated to members and other stakeholders in the next quarter.
OUTLOOK for NEXT QUARTER

During the final quarter of this year – 1 March to 31 May 2012 – CCRIF will focus on policy renewals for the Tropical Cyclone and Earthquake products for 2012/13 and the introduction of the Excess Rainfall product. It is expected that this product will be offered to select CARICOM countries for the 2012/2013 policy year.

Within the Climate Risk Adaptation and Insurance in the Caribbean programme, feasible insurance products will be developed to meet the needs of the three participating countries – Grenada, Jamaica and Saint Lucia. Focus in the next quarter will be on finalising products, increasing awareness of the project, confirming partnerships and educating potential clients about the products.
APPENDIX 1 - PRESS COVERAGE

Articles in which CCRIF was mentioned during this quarter are presented below, arranged by topic covered.

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<tr>
<th>Article Title</th>
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<td><strong>Climate Risk Adaptation and Insurance in the Caribbean programme</strong></td>
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<td>Munich Re: New insurance solutions to protect states particularly vulnerable to climate change</td>
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<td>New insurance solutions to protect states particularly vulnerable to climate change</td>
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<td>Munich Re Forms Climate Change-Driven Microinsurance Program for Caribbean</td>
<td>Microfinance Africa</td>
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<td>Munich Re, CCRIF, MicroEnsure team up on microinsurance for the Caribbean</td>
<td>Artemis blog</td>
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<td>Low income earners get insurance help</td>
<td>Jamaica Observer</td>
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<td><strong>CCRIF Extra-regional Scholarships</strong></td>
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<td>CARIBSAVE, CCRIF Announce Climate-Related Scholarships for Caribbean Nationals</td>
<td>IISD website</td>
<td>23-Feb-12</td>
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<td>2012 CCRIF Scholarship</td>
<td>Govt of Dominica website</td>
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<td>CCRIF Launches Extra-Regional Scholarship Programme for Caribbean Nationals</td>
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<td>Caribbean Catastrophe Risk Insurance Facility Launches Scholarship Programme</td>
<td>T&amp;T Youth for Climate Change (Earth Conscious)</td>
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<td>Scholarships offered in disaster risk management to the region</td>
<td>Caribbean 360</td>
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<td>Antigua Observer</td>
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<td><strong>Excess Rainfall Product</strong></td>
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<td>CCRIF excess rainfall product scheduled for end of year</td>
<td>Artemis blog</td>
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<td><strong>Climate Change</strong></td>
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<td>Adapting to Climate Change Proves a Complex Challenge</td>
<td>IPS News</td>
<td>30-Jan-12</td>
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<td><strong>Hurricane Irene</strong></td>
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<td>Hurricane Irene's Destructive Path: 2011 In Review</td>
<td>Nassau Guardian</td>
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<td><strong>Agriculture Insurance</strong></td>
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<td>Hard-hit Canal Polder farmers want crop insurance</td>
<td>Guyana Times</td>
<td>28-Dec-11</td>
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