



**STRIVING TO PROMOTE THE INTEGRITY OF CREATION  
DIOCESAN POLICY IMPLEMENTATION GUIDELINES for  
the period December 2015 – November 2017**

SUB-THEMES & THEIR OBJECTIVES	ACTIONS REQUIRED	RESOURCES AVAILABLE
<b>1. SPIRITUAL &amp; BIBLICAL BASES FOR ACTION</b>		
a) Develop an understanding of the Christian responsibility in preserving the integrity of Creation.	<p>(i) Sensitize clergy and laity to Bible verses and resource material that may provide a theological basis for i) respecting Creation as a response to our responsibility as God’s agents on Earth; and as a form of gratitude and praise to God, and ii) using Creation without depleting or destroying natural resources.</p> <p>ii) Insert stewardship of Creation into the church’s calendar and educational institutions, eg. by promoting specific calendar days for environmental themes or messages including:</p> <ul style="list-style-type: none"> <li>-Harvest celebrations</li> <li>-Environmental celebration days: <ul style="list-style-type: none"> <li>o April 22 - Earth Day</li> <li>o May 22 - International Day for Biological Diversity</li> <li>o June 5 - World Environment Day</li> <li>o 1<sup>st</sup> Friday in October – National Wood and Water Day</li> <li>o September (date tbc) - Coastal Clean-up Day</li> </ul> </li> </ul> <p>by way of:</p> <ul style="list-style-type: none"> <li>-sermons, Bible study and house group sessions;</li> <li>- the use of special intercessory prayers on relevant occasions;</li> <li>- the curricula for UTCWI &amp; Supplementary Ministry, Church Army, Associate Evangelist &amp; other training for church workers, Education (Sunday School, Youth).</li> </ul> <p>(iii) Encourage ongoing individual dedication to, and further development of the ‘Lenten Carbon Fast’.</p>	<p>- Former Archbishop Rowan Williams urges prayer for planet on Environment Sunday  <a href="http://rowanwilliams.archbishopofcanterbury.org/articles.php/1033/archbishop-urges-prayer-for-planet-on-environment-sunday-june-7">http://rowanwilliams.archbishopofcanterbury.org/articles.php/1033/archbishop-urges-prayer-for-planet-on-environment-sunday-june-7</a></p> <p>Environment Service at Westminster Central Hall, London -  <a href="http://rowanwilliams.archbishopofcanterbury.org/articles.php/852/environment-service-at-westminster-central-hall-london#sthash.mDFTjRsf.dpuf">http://rowanwilliams.archbishopofcanterbury.org/articles.php/852/environment-service-at-westminster-central-hall-london#sthash.mDFTjRsf.dpuf</a></p> <p><a href="http://www.dioceseofjamaica.ja.org">www.dioceseofjamaica.ja.org</a></p>
b) Encourage spiritual growth through our relationships in the context of Creation.	Use prayers and texts that refer to human relationships within Creation in sermons, Bible study and house group sessions, devotional sessions of the Church organizations (Women’s Auxiliary, Mother’s Union, BSA, AYF, Choir, Sunday School etc), as appropriate.	A resource guide will be provided.
<b>2. EDUCATION and COMMUNICATION</b>		
a) Establish structures for taking the Environmental Action Plan forward in the Diocese.	Identify coordinators & teams to take the lead for developing the different actions. Establish an environmental committee with persons responsible for specific aspects of implementation.	
b) Equip clergy to communicate the Environmental Policy and Implementation procedures to	Request Diocesan Bishop to formally inform Deans, other clergy & relevant Boards of schools/homes about the environmental policy and the importance	See, eg: (i)Former Archbishop of Canterbury on environment <a href="https://www.indcatholicnews.co">https://www.indcatholicnews.co</a>

<p>Property Managers at the church/institution for which they have responsibility.</p>	<p>of publicizing and facilitating the implementation procedures, in particular by involving the property managers to take action.</p>	<p><a href="http://m/news.php?viewStory=15277">m/news.php?viewStory=15277</a>  July 08, 2015  (ii)Pope Francis’ encyclical <i>Laudato si’</i>  <a href="https://www.washingtonpost.com/news/acts-of-faith/wp/2015/06/18/10-key-excerpts-from-pope-franciss-encyclical-on-the-environment/">https://www.washingtonpost.com/news/acts-of-faith/wp/2015/06/18/10-key-excerpts-from-pope-franciss-encyclical-on-the-environment/</a>  <a href="http://pressreleases.religionnews.com/2015/06/16/global-evangelicals-side-with-popes-concern-for-climate-change/">http://pressreleases.religionnews.com/2015/06/16/global-evangelicals-side-with-popes-concern-for-climate-change/</a>  Patriarch Bartholomew and Archbishop Justin Welby called on all to care for creation New York Times, by Dylan Pahman  Published on June 21, 2015  <a href="http://stream.org/patriarch-archbishop-preach">stream.org/patriarch-archbishop-preach</a>  The Archbishop of Canterbury spoke during a debate on climate change today at the General Synod in York.  <a href="http://www.archbishopofcanterbury.org/?page_id=10">www.archbishopofcanterbury.org/?page_id=10</a> 13 July 2015  Bishop of London, Richard Chartres essays especially on religion and the environment. ...  <a href="http://www.london.anglican.org/directory/richard-chartres">www.london.anglican.org/directory/richard-chartres</a></p>
<p>c) Sensitize congregations, church committees, boards of management &amp; other persons in leadership roles.</p>	<p>(i) Presentations and literature/DVD to clergy conference, synod, Deanery Councils and other appropriate fora.  (ii) Organize church/school verge clean-ups</p>	<p>eg. Video: How Does Water Education Impact the World?  <a href="https://vimeo.com/100527293">https://vimeo.com/100527293</a></p>
<p>d) Train key persons in relevant technical information.</p>	<p>Churches should actively promote and organize workshops to train persons for the implementation of the technical aspects of the environmental policy.</p>	
<p>e) Develop a conservation ethic among church congregations &amp; church-run institutions (schools, children’s &amp; old people’s homes).</p>	<p>(i) Inform all major Environmental Agencies that the Anglican Church would welcome information and invitations (as relevant) to public consultations &amp; events relating to environmental issues.  (ii) Post relevant information on Diocesan &amp; individual church websites.</p>	

**3. PRACTICAL SECTORS**

Implement a programme of “greening” the property, by reducing the use of electricity through the enhancement of natural ventilation and lighting; the planting of trees, grass and flowers as appropriate to the site; the conservation of fresh water and the reduction in the generation of waste. These objectives are implicit in the following sectors – built environment, energy, biodiversity, water and waste.

### 3.1 BUILT ENVIRONMENT

All infrastructural work should be guided by the Sustainable Building Guidelines (as provided)

a) Carry out a detailed inspection of property to assess the structural integrity of the buildings.	Inspect the condition and capability of the structure to withstand different hazards and to determine if up to code with electrical and plumbing.	Template will be provided
b) For new buildings ensure that vulnerability analysis of the community is carried out to ensure that an informed decision is made as most/ all hazards would be known	1. Conduct Vulnerability analysis of area to include flooding patterns, geological composition of area etc. 2. Have consultations with the relevant approval agencies (such as Local Authorities, KSAC, NEPA, JFB, etc) to determine the requirements for the new or renovated building.	Template will be provided
c) Addressing the issues	(i) Develop a maintenance schedule and checklist for maintenance of the property. (ii) Ensure works carried out are by licensed or trained workmen. (iii) Ensure requisite permits are acquired for and major works being done.	Guidelines will be provided

### 3.2 ENERGY

a) Conduct an energy audit of the infrastructure to assess the energy uses & wastages of the buildings.	Examine the condition, performance and capability of the present cooling system in relation to the requirements of your buildings.	Assistance with grant applications for cost of audits will be provided on request.
	Make appropriate “no cost/low cost” recommendations that will improve comfort and reduce energy consumption.	Advice on alternative types of available systems will be provided on request.
b) Correct the problems	Follow technical guidelines for upgrading or replacing air conditioners & fridges with inverter type cooling systems where appropriate.	Guidelines will be made available on request
	Replace incandescent lamps with compact fluorescent bulbs (CFLs) and LEDs	
	Develop checklists for energy management and maintenance problems with which to be dealt.	
c) Monitor change	Set annual energy consumption targets for the staff, congregations, residents, volunteers, as appropriate.	

### 3.3 BIODIVERSITY

[This refers to the variety of microorganisms, plants, animals and the ecosystems in which they occur, that sustain the natural environment and provide benefits to humans.]

a) Engage church communities in conserving biodiversity.	<p>i) Encourage the provision of habitat for pollinators (e.g. bees, butterflies), reduction of rainfall runoff by leaves and in the case of trees provision of shade eg. Through: Maintaining or increasing native plant cover (i.e. flowering plants, trees) on the property – including car parking areas.</p> <p>ii) Encourage fellowship experience while interacting with the nature and/or contributing to an outdoor conservation effort, eg. through participating as an individual church or a Church society (e.g. Brotherhood of St. Andrew, Women's Auxiliary, Mothers Union, Youth Fellowship, Young Adults Movement) in at least one of the following events per annum (and others not listed):</p>	[Keep in mind the persistent drought which has become an annual event and that seedlings may have to be bought from Forestry Dept.] <b>N.B.</b> Events are organized by non-government organizations (NGOs), private sector and government entities that do not incur costs for churches.
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	<p>*beach clean-up of turtle nesting sites – held periodically throughout year (NGOs, NEPA)</p> <p>*annual Coastal Area Clean-up – September (Jamaica Environment Trust)</p> <p>*Green Expo (Jamaica Conservation &amp; Development Trust) - biennially</p> <p>*National Wood and Water Day - October (Forestry Department)</p> <p>*Annual Christmas Bird Count – December/ January (BirdLife Jamaica).</p> <p>Implement a programme planting trees, including fast-growing shade trees in car parking areas (eg. neem trees), planting of grass and flowers as appropriate to the site. Note that recycled water should be used for watering and plants should be drought-resistant (eg. baugainvillea &amp; cacti).</p>	Trees can be accessed through the Forestry Department at no or minimal cost.
b) Plant cover assessment	Assess the state of plant cover on the property – including car parking areas. Keep concrete in car parks and other outside spaces to a minimum.	
<b>3.4 WATER</b>		
a) Audit usage	Conduct a usage analysis/check taps/toilets/ gutterings	
b) Correct:	Assess and implement appropriate water harvesting systems. Install back up water tanks	
(i) excessive usage		
(ii) wastage	Fix leaks	
c) Conserve	Install harvesting/storage systems for fresh water.	
	Install recycling systems & use this water for the garden, and plants should be drought-resistant (eg. baugainvillea & cacti).	
d) Monitor change	Check water systems for leakages/wastage; inappropriate collection that facilitate mosquito breeding & the conditions for other water-borne diseases.	
<b>3.5 WASTE</b>		
a) Audit the amount & type of solid waste generated	Assess the generation of solid waste that occurs on a weekly basis and for special functions on, or associated with, the church or other property.	Assistance will be made available on request
b) Correct problems	Set-up a reliable deposition & collection system for plastic bottles on site.	Assistance will be made available on request
	Reduce to a minimum the use of polystyrene containers & actively seek alternatives.	Advice on alternatives will be available on request.
	Reduce the use of paper for meetings and bulletins & replace with electronic versions wherever possible.	
c) Monitor ongoing generation of waste	Monitor/measure on a weekly basis, the generation of waste and identify the main types of waste (plastic/food/glass/batteries/other) and their sources. Make clear plans to reduce, recycle or re-use the waste items as appropriate.	