



**United Nations**  
Framework Convention on  
Climate Change

**Adaptation actions  
across regions and sectors**



**2013**

### ***UNFCCC Adaptation calendar 2013 - Adaptation actions across regions and sectors***

*Adaptation to the adverse effects of climate change is vital in order to reduce the impacts of climate change that are happening now and increase resilience to future impacts.*

*Climate change impacts increase and exacerbate vulnerability to future impacts and change differently across regions and sectors. Successful adaptation and increased resilience to the impacts of climate change not only depends on governments but also on the active and sustained engagement of stakeholders , including national, regional, multilateral, and international organizations, the public and private sectors, civil society and other relevant stakeholders.*

*This postcard-calendar highlights climate change related vulnerabilities, as well as examples of unique actions taken in response by various organizations, across various sectors and regions.*

*Photo: Lawrence Hislop, UNEP/GRID-Arendal*

*<http://unfccc.int/adaptation>*



**United Nations**  
Framework Convention on  
Climate Change

Making cities resilient -  
planning for adaptation  
in urban areas – New York City



## JANUARY

Mon.		14	28
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Tues.	1	15	29
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Wed.	2	16	30
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Thurs.	3	17	31
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Fri.	4	18	
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<b>Sat.</b>	<b>5</b>	<b>19</b>	
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<b>Sun.</b>	<b>6</b>	<b>20</b>	
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Mon.	7	21	
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Tues.	8	22	
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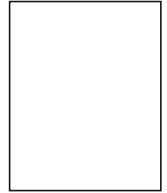
Wed.	9	23	
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Thurs.	10	24	
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Fri.	11	25	
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<b>Sat.</b>	<b>12</b>	<b>26</b>	
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<b>Sun.</b>	<b>13</b>	<b>27</b>	
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*By 2025, about two-thirds of the world's population will be living in urban areas, many situated in disaster prone areas. The United Nations International Strategy for Disaster Reduction and New York city are working to build resilience.*

*Photo: Amina-Laura Schild*

*<http://unfccc.int/adaptation>*





**United Nations**  
Framework Convention on  
Climate Change

Reducing coastal  
vulnerability in India and  
Bangladesh



## FEBRUARY

Mon.	11	25
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Tues.	12	26
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Wed.	13	27
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Thurs.	14	28
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Fri.	1	15
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<b>Sat.</b>	<b>2</b>	<b>16</b>
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<b>Sun.</b>	<b>3</b>	<b>17</b>
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Mon.	4	18
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Tues.	5	19
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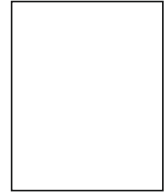
Wed.	6	20
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Thurs.	7	21
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Fri.	8	22
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<b>Sat.</b>	<b>9</b>	<b>23</b>
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<b>Sun.</b>	<b>10</b>	<b>24</b>
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*The 4.3 million people living in the coastal Sundarbans are increasingly affected by storm surges, tropical storms, sea level rise and salt water intrusion. Communities and individuals in India are working to decrease their vulnerability through local actions.*

*Photo: Scott Wallace, World Bank*

*<http://unfccc.int/adaptation>*





## MARCH

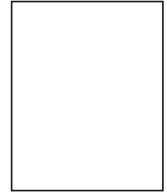
Mon.		11	25
Tues.		12	26
Wed.		13	27
Thurs.		14	28
Fri.	1	15	29
<b>Sat.</b>	<b>2</b>	<b>16</b>	<b>30</b>
<b>Sun.</b>	<b>3</b>	<b>17</b>	<b>31</b>
Mon.	4	18	
Tues.	5	19	
Wed.	6	20	
Thurs.	7	21	
Fri.	8	22	
<b>Sat.</b>	<b>9</b>	<b>23</b>	
<b>Sun.</b>	<b>10</b>	<b>24</b>	



**United Nations**  
 Framework Convention on  
 Climate Change

El Niño/Southern Oscillation  
 forecasting in Latin America





*Climate change is expected to worsen the impacts of El Niño. Forecasting in Latin America warns people about extreme weather events, so communities and industries can prepare for potential impacts in agricultural, fisheries and health sectors.*

*Photo: Scott Wallace, World Bank*

*<http://unfccc.int/adaptation>*







**United Nations**  
Framework Convention on  
Climate Change

Engaging women  
in adaptation actions  
in the Pacific



## APRIL

Mon.	1	15	29
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Tues.	2	16	30
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Wed.	3	17	
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Thurs.	4	18	
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Fri.	5	19	
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<b>Sat.</b>	<b>6</b>	<b>20</b>	
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<b>Sun.</b>	<b>7</b>	<b>21</b>	
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Mon.	8	22	
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Tues.	9	23	
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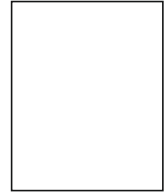
Wed.	10	24	
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Thurs.	11	25	
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Fri.	12	26	
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<b>Sat.</b>	<b>13</b>	<b>27</b>	
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<b>Sun.</b>	<b>14</b>	<b>28</b>	
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*Inequitable access to food, shelter, and medicines puts women and girls especially at risk to climate change related impacts. In Samoa, involvement of women in adaptation actions increases the resilience of women to adverse effects of climate change.*

*Photo: Martine Perret, UN Photo*

*<http://unfccc.int/adaptation>*





**United Nations**  
Framework Convention on  
Climate Change

Raising awareness for  
adaptation through education  
in Zambia



## MAY

Mon.	13	27
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Tues.	14	28
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Wed.	1	15	29
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Thurs.	2	16	30
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Fri.	3	17	31
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<b>Sat.</b>	<b>4</b>	<b>18</b>
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<b>Sun.</b>	<b>5</b>	<b>19</b>
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Mon.	6	20
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Tues.	7	21
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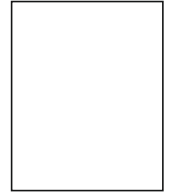
Wed.	8	22
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Thurs.	9	23
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Fri.	10	24
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<b>Sat.</b>	<b>11</b>	<b>25</b>
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<b>Sun.</b>	<b>12</b>	<b>26</b>
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*Climate change already causes 400,000 deaths every year, of which the majority are children from developing countries. The Unite4Climate Zambia initiative trains 200 climate ambassadors each year to raise awareness of climate change and build capacity to respond to climate change.*

*Photo: Eskinder Debebe, UN Photo*

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**United Nations**  
Framework Convention on  
Climate Change

Developing strategies  
to protect health in Europe



## JUNE

Mon.	10	24
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Tues.	11	25
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Wed.	12	26
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Thurs.	13	27
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Fri.	14	28
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<b>Sat.</b>	<b>1</b>	<b>15</b>	<b>29</b>
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<b>Sun.</b>	<b>2</b>	<b>16</b>	<b>30</b>
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Mon.	3	17
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Tues.	4	18
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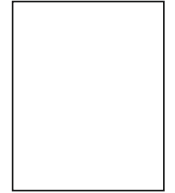
Wed.	5	19
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Thurs.	6	20
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Fri.	7	21
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<b>Sat.</b>	<b>8</b>	<b>22</b>
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<b>Sun.</b>	<b>9</b>	<b>23</b>
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*Higher temperatures due to climate change combined with the urban heat island effect raise the levels of ground-level ozone and other pollutants. About 1.2 million deaths per year occur globally due to urban air pollution. The European Union's legislative strategy on air pollution aims to reduce pollutants and improve health.*

*Photo: Curt Carnemark, World Bank*

*<http://unfccc.int/adaptation>*





## JULY

Mon.	1	15	29
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Tues.	2	16	30
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Wed.	3	17	31
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Thurs.	4	18	
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Fri.	5	19	
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<b>Sat.</b>	<b>6</b>	<b>20</b>	
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<b>Sun.</b>	<b>7</b>	<b>21</b>	
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Mon.	8	22	
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Tues.	9	23	
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Wed.	10	24	
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Thurs.	11	25	
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Fri.	12	26	
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<b>Sat.</b>	<b>13</b>	<b>27</b>	
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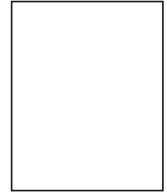
<b>Sun.</b>	<b>14</b>	<b>28</b>	
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**United Nations**  
Framework Convention on  
Climate Change

Strengthening institutional  
capacity in the Middle East  
and North Africa





*The Middle East and North Africa region is one of the world's most water-scarce and dry regions. Investment in infrastructure and enhanced resource management is strengthening institutional capacity throughout the region.*

*Photo: John Isaac, UN Photo*

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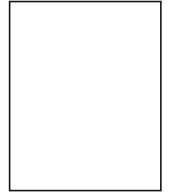
**United Nations**  
Framework Convention on  
Climate Change

Coping with sea level rise  
in the Pacific



## AUGUST

Mon.	12	26	
Tues.	13	27	
Wed.	14	28	
Thurs.	1	15	29
Fri.	2	16	30
<b>Sat.</b>	<b>3</b>	<b>17</b>	<b>31</b>
<b>Sun.</b>	<b>4</b>	<b>18</b>	
Mon.	5	19	
Tues.	6	20	
Wed.	7	21	
Thurs.	8	22	
Fri.	9	23	
<b>Sat.</b>	<b>10</b>	<b>24</b>	
<b>Sun.</b>	<b>11</b>	<b>25</b>	



*By 2100, sea levels are expected to rise by more than one meter compared to 1990 levels, with major impacts for small island developing States. Adaptation and coastal zone management actions in the Pacific are preparing communities for these impacts.*

*Photo: Paul Desanker*

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## SEPTEMBER

Mon.	9	23
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Tues.	10	24
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Wed.	11	25
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Thurs.	12	26
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Fri.	13	27
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<b>Sat.</b>	<b>14</b>	<b>28</b>
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<b>Sun.</b>	<b>1</b>	<b>15</b>	<b>29</b>
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Mon.	2	16	30
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Tues.	3	17
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Wed.	4	18
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Thurs.	5	19
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Fri.	6	20
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<b>Sat.</b>	<b>7</b>	<b>21</b>
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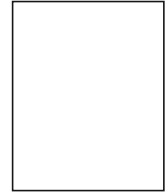
<b>Sun.</b>	<b>8</b>	<b>22</b>
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**United Nations**  
Framework Convention on  
Climate Change

Raising awareness and creating  
resilience in the fresh water  
sector in Mesoamerica





*Almost 14% of the population in Latin America has no access to a safe water supply, with demand estimated to increase with the effects of climate change. Governance frameworks for climate change are being developed in Mesoamerica to improve water management and enhance ecosystem resilience in watersheds.*

*Photo: Jonathan French, World Bank*

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## OCTOBER

Mon.	14	28
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Tues.	1	15	29
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Wed.	2	16	30
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Thurs.	3	17	31
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Fri.	4	18
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<b>Sat.</b>	<b>5</b>	<b>19</b>
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<b>Sun.</b>	<b>6</b>	<b>20</b>
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Mon.	7	21
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Tues.	8	22
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Wed.	9	23
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Thurs.	10	24
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<b>Sat.</b>	<b>12</b>	<b>26</b>
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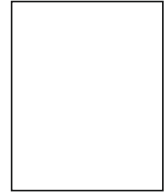
<b>Sun.</b>	<b>13</b>	<b>27</b>
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**United Nations**  
Framework Convention on  
Climate Change

Diversifying  
crops in Western Africa





*Climate change is estimated to result in agricultural losses of 2-4 % of GDP by 2100 in western and central parts of Africa. Actions taken to adapt agricultural practices, such as mixed farming in Nigeria, can reduce negative effects while producing higher yields.*

*Photo: Evan Schneider, UN Photo*

*<http://unfccc.int/adaptation>*





## NOVEMBER

Mon. 11 25

Tues. 12 26

Wed. 13 27

Thurs. 14 28

Fri. 1 15 29

**Sat. 2 16 30**

**Sun. 3 17**

Mon. 4 18

Tues. 5 19

Wed. 6 20

Thurs. 7 21

Fri. 8 22

**Sat. 9 23**

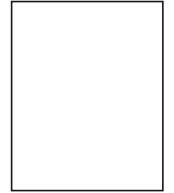
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**United Nations**  
Framework Convention on  
Climate Change

Insuring low income people  
against climate change related  
impacts in the Caribbean





*Economic losses from extreme weather are estimated to have risen from a few billion USD in 1980, to above 200 USD billion today. Insurance initiatives in the Caribbean help low income groups such as day labourers and small-holder farmers to protect themselves from the adverse impacts of climate change.*

*Photo: Marc Dormino, UN Photo & UNICEF*

*<http://unfccc.int/adaptation>*







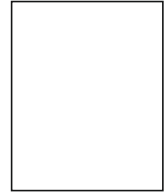
**United Nations**  
Framework Convention on  
Climate Change

Using traditional  
knowledge for adaptation  
in the Arctic



## DECEMBER

Mon.	9	23	
Tues.	10	24	
Wed.	11	25	
Thurs.	12	26	
Fri.	13	27	
<b>Sat.</b>	<b>14</b>	<b>28</b>	
<b>Sun.</b>	<b>1</b>	<b>15</b>	<b>29</b>
Mon.	2	16	30
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<b>Sun.</b>	<b>8</b>	<b>22</b>	



*Climate change affects the ice and water masses in polar regions, causing change in the extent of ice sheets and caps, negatively impacting on socio-economic systems in the Arctic. To cope with decreasing ice stability, Arctic communities are using indigenous knowledge to navigate new routes for hunting and travelling.*

*Photo: Lawrence Hislop, UNEP/GRID-Arendal*

*<http://unfccc.int/adaptation>*





**United Nations**  
Framework Convention on  
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**Adaptation actions  
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**2013**

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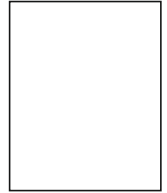
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**United Nations**  
Framework Convention on  
Climate Change

Making cities resilient -  
planning for adaptation  
in urban areas – New York City





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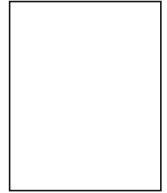




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Reducing coastal  
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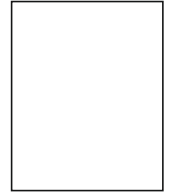




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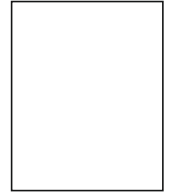




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Engaging women  
in adaptation actions  
in the Pacific





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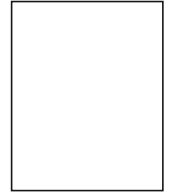




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Raising awareness for  
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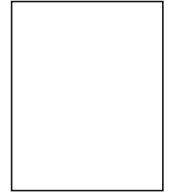




**United Nations**  
Framework Convention on  
Climate Change

Developing strategies  
to protect health in Europe





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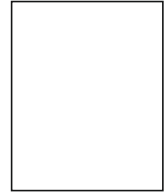




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Strengthening institutional  
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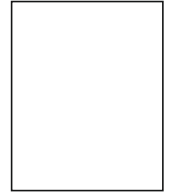




**United Nations**  
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**Coping with sea level rise  
in the Pacific**





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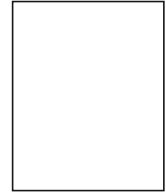




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Raising awareness and creating  
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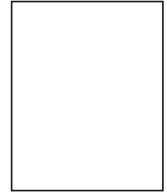




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Diversifying  
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*Climate change is estimated to result in agricultural losses of 2-4 % of GDP by 2100 in western and central parts of Africa. Actions taken to adapt agricultural practices, such as mixed farming in Nigeria, can reduce negative effects while producing higher yields.*

*Photo: Evan Schneider, UN Photo*

*<http://unfccc.int/adaptation>*



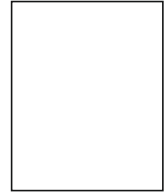




**United Nations**  
Framework Convention on  
Climate Change

Insuring low income people  
against climate change related  
impacts in the Caribbean





*Economic losses from extreme weather are estimated to have risen from a few billion USD in 1980, to above 200 USD billion today. Insurance initiatives in the Caribbean help low income groups such as day labourers and small-holder farmers to protect themselves from the adverse impacts of climate change.*

*Photo: Marc Dormino, UN Photo & UNICEF*

*<http://unfccc.int/adaptation>*

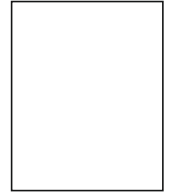




**United Nations**  
Framework Convention on  
Climate Change

Using traditional  
knowledge for adaptation  
in the Arctic





*Climate change affects the ice and water masses in polar regions, causing change in the extent of ice sheets and caps, negatively impacting on socio-economic systems in the Arctic. To cope with decreasing ice stability, Arctic communities are using indigenous knowledge to navigate new routes for hunting and travelling.*

*Photo: Lawrence Hislop, UNEP/GRID-Arendal*

*<http://unfccc.int/adaptation>*

