

PIONEERED BY THE  
ROCKEFELLER FOUNDATION

100



CITIES

**100 Resilient Cities Challenge**

Apply by November 24, 2015

[www.100resilientcities.org/challenge](http://www.100resilientcities.org/challenge)

## 1. Please complete the following background information.

First and Last name, title of the person who completed this entry form.

First Name:\*

Last Name:\*

Title:\*

Organization:\*

Email:\*

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First and last name, title, organization, and email of up to two key contacts (note: if you are an affiliated organization applying on behalf of a city, here you are required to list your official city contact and include his or her email address below)

### Contact 1

First Name:\*

Last Name:\*

Title:\*

Organization:\*

Email:\*

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## Contact 2

(Must be a different contact than those listed above)

First Name:\*

Last Name:\*

Title:\*

Organization:\*

Email:\*

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City:

Country:\*

City:\*

City Population:\*

(Numbers Only)

Online Source for City Population:

Year of City Population Estimate:

Metro Area Population:\*

(Numbers Only)

Online Source for Metro Area Population:

Year of Metro Area Population Estimate:

Phone number of the person who completed the entry form:\*

(Numbers only, including country code)

Organization Name:\*

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I heard about the 100 Resilient Cities Challenge via (select as many as applicable):

(Select All That Apply)

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> 100 Resilient Cities Challenge website                      | <input type="checkbox"/> Rockefeller Foundation website  | <input type="checkbox"/> Rockefeller Foundation newsletter or listserv |
| <input type="checkbox"/> 100 Resilient Cities Challenge email communication          | <input type="checkbox"/> Traditional local media coverage  | <input type="checkbox"/> Online local media coverage                   |
| <input type="checkbox"/> Online international media coverage                         | <input type="checkbox"/> Web Search  | <input type="checkbox"/> Direct call from Challenge outreach staff     |
| <input type="checkbox"/> Forwarded Challenge email from family, friend, or colleague | <input type="checkbox"/> Organization other than 100 Resilient Cities  | <input type="checkbox"/> NYT Cities for Tomorrow Conference            |
| <input type="checkbox"/> World Cities Summit   | <input type="checkbox"/> Global Alliance of Mayors and Leaders from Africa and of African Descent Annual Meeting | <input type="checkbox"/> Other Event                                   |
| <input type="checkbox"/> Social Media  | <input type="checkbox"/> Other   |  |
- 

I agree to all [rules and legal conditions](#) associated with this challenge.\*

I agree

If selected as an awardee, I will commit to the 100 Resilient Cities resilience definition and approach.\*

I agree

I am 18 years of age or older.\*

I agree

I have the permission and support of my city government to submit this application (if applicable).\*

I agree

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**2. Select a total of four shocks that are most relevant to your city, and rank the shocks by order of the magnitude with which they affect, or threaten to affect your city.**

Rank each shock on a scale of 1-4, with "1" = the greatest risk to your city. Select 'n/a' in subsequent drop downs if you have recorded all relevant shocks but your selection does not total four.

Shock 1:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Blizzard         | <input type="checkbox"/> Disease Outbreak            | <input type="checkbox"/> Earthquake   |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

Shock 2:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Blizzard         | <input type="checkbox"/> Disease Outbreak            | <input type="checkbox"/> Earthquake   |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

Shock 3:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Blizzard         | <input type="checkbox"/> Disease Outbreak            | <input type="checkbox"/> Earthquake   |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

Shock 4:\*

(Select One)

- |                                   |   |                                     |
|-----------------------------------|---|-------------------------------------|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input type="checkbox"/> Earthquake |
|-----------------------------------|---|-------------------------------------|

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

2.1 Select a total of four stresses that are most relevant to your city, and rank the stresses by order of the magnitude with which they affect, or threaten to affect your city.

Rank each stress on a scale of 1-4, with "1" = the greatest risk to your city. Select 'n/a' in subsequent drop downs if you have recorded all relevant stresses but your selection does not total four.

Stress 1:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure   | <input type="checkbox"/> Chronic Energy Shortages                                    | <input type="checkbox"/> Commodity Price Fluctuations                               |
| <input type="checkbox"/> Declining Population   | <input type="checkbox"/> Aging Population  | <input type="checkbox"/> Drought & Water Shortage                                   |
| <input type="checkbox"/> Endemic Crime & Violence   | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse                          | <input type="checkbox"/> Food Shortage  |
| <input type="checkbox"/> High Unemployment  | <input type="checkbox"/> Impending Depletion of Natural Resources                    | <input type="checkbox"/> Insufficient Educational Infrastructure                    |
| <input type="checkbox"/> Intractable Homelessness   | <input type="checkbox"/> Invasive Species  | <input type="checkbox"/> Lack Of Affordable Housing                                 |
| <input type="checkbox"/> Lack of Social Cohesion  | <input type="checkbox"/> Overpopulation  | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence                                   | <input type="checkbox"/> Poor Air Quality/Pollution                                  | <input type="checkbox"/> Poor Health Infrastructure                                 |
| <input type="checkbox"/> Pronounced Poverty   | <input type="checkbox"/> Inequality  | <input type="checkbox"/> Refugees   |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion                                       | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A   |   |

Stress 2:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure   | <input type="checkbox"/> Chronic Energy Shortages                                    | <input type="checkbox"/> Commodity Price Fluctuations                               |
| <input type="checkbox"/> Declining Population   | <input type="checkbox"/> Aging Population  | <input type="checkbox"/> Drought & Water Shortage                                   |
| <input type="checkbox"/> Endemic Crime & Violence   | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse                          | <input type="checkbox"/> Food Shortage  |
| <input type="checkbox"/> High Unemployment  | <input type="checkbox"/> Impending Depletion of Natural Resources                    | <input type="checkbox"/> Insufficient Educational Infrastructure                    |
| <input type="checkbox"/> Intractable Homelessness   | <input type="checkbox"/> Invasive Species  | <input type="checkbox"/> Lack Of Affordable Housing                                 |
| <input type="checkbox"/> Lack of Social Cohesion  | <input type="checkbox"/> Overpopulation  | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence                                   | <input type="checkbox"/> Poor Air Quality/Pollution                                  | <input type="checkbox"/> Poor Health Infrastructure                                 |
| <input type="checkbox"/> Pronounced Poverty   | <input type="checkbox"/> Inequality  | <input type="checkbox"/> Refugees   |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion                                       | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A   |   |

Stress 3:\*

(Select One)

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Aging Infrastructure                     | <input type="checkbox"/> Chronic Energy Shortages                 | <input type="checkbox"/> Commodity Price Fluctuations                               |
| <input type="checkbox"/> Declining Population                     | <input type="checkbox"/> Aging Population                         | <input type="checkbox"/> Drought & Water Shortage                                   |
| <input type="checkbox"/> Endemic Crime & Violence                 | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse       | <input type="checkbox"/> Food Shortage  |
| <input type="checkbox"/> High Unemployment                        | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure                    |
| <input type="checkbox"/> Intractable Homelessness                 | <input type="checkbox"/> Invasive Species                         | <input type="checkbox"/> Lack Of Affordable Housing                                 |
| <input type="checkbox"/> Lack of Social Cohesion                  | <input type="checkbox"/> Overpopulation                           | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution               | <input type="checkbox"/> Poor Health Infrastructure                                 |

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Pronounced Poverty   | <input type="checkbox"/> Inequality  | <input type="checkbox"/> Refugees   |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion                                       | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A   |   |

**Stress 4:\***

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure   | <input type="checkbox"/> Chronic Energy Shortages                                    | <input type="checkbox"/> Commodity Price Fluctuations                               |
| <input type="checkbox"/> Declining Population   | <input type="checkbox"/> Aging Population  | <input type="checkbox"/> Drought & Water Shortage                                   |
| <input type="checkbox"/> Endemic Crime & Violence   | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse                          | <input type="checkbox"/> Food Shortage  |
| <input type="checkbox"/> High Unemployment  | <input type="checkbox"/> Impending Depletion of Natural Resources                    | <input type="checkbox"/> Insufficient Educational Infrastructure                    |
| <input type="checkbox"/> Intractable Homelessness   | <input type="checkbox"/> Invasive Species  | <input type="checkbox"/> Lack Of Affordable Housing                                 |
| <input type="checkbox"/> Lack of Social Cohesion  | <input type="checkbox"/> Overpopulation  | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence                                   | <input type="checkbox"/> Poor Air Quality/Pollution                                  | <input type="checkbox"/> Poor Health Infrastructure                                 |
| <input type="checkbox"/> Pronounced Poverty   | <input type="checkbox"/> Inequality  | <input type="checkbox"/> Refugees   |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion                                       | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A   |   |

**3. Select four shocks that have limited to no impact on your city, and rank the shocks by order of the least magnitude with which they affect, or threaten to affect, your city.**

Rank each shock on a scale of 1-4, with "1" = the least risk to your city. Select "n/a" in subsequent dropdowns if you have recorded all limited-impact shocks but your selection does not total four.



Shock 1:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Blizzard         | <input type="checkbox"/> Disease Outbreak            | <input type="checkbox"/> Earthquake   |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

Shock 2:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Blizzard         | <input type="checkbox"/> Disease Outbreak            | <input type="checkbox"/> Earthquake   |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

Shock 3:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Blizzard         | <input type="checkbox"/> Disease Outbreak            | <input type="checkbox"/> Earthquake   |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

Shock 4:\*

(Select One)

- |                                   |   |                                     |
|-----------------------------------|---|-------------------------------------|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input type="checkbox"/> Earthquake |
|-----------------------------------|---|-------------------------------------|

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

### 3.1 Select four stresses that have limited to no impact on your city, and rank the stresses by order of the least magnitude with which they affect, or threaten to affect, your city.

Rank each stress on a scale of 1-4, with "1" = the least risk to your city. Select "n/a" in subsequent dropdowns if you have recorded all limited-impact stresses but your selection does not total four.

#### Stress 1:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure   | <input type="checkbox"/> Chronic Energy Shortages                                    | <input type="checkbox"/> Commodity Price Fluctuations                               |
| <input type="checkbox"/> Declining Population   | <input type="checkbox"/> Aging Population  | <input type="checkbox"/> Drought & Water Shortage                                   |
| <input type="checkbox"/> Endemic Crime & Violence   | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse                          | <input type="checkbox"/> Food Shortage  |
| <input type="checkbox"/> High Unemployment  | <input type="checkbox"/> Impending Depletion of Natural Resources                    | <input type="checkbox"/> Insufficient Educational Infrastructure                    |
| <input type="checkbox"/> Intractable Homelessness   | <input type="checkbox"/> Invasive Species  | <input type="checkbox"/> Lack Of Affordable Housing                                 |
| <input type="checkbox"/> Lack of Social Cohesion  | <input type="checkbox"/> Overpopulation  | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence                                   | <input type="checkbox"/> Poor Air Quality/Pollution                                  | <input type="checkbox"/> Poor Health Infrastructure                                 |
| <input type="checkbox"/> Pronounced Poverty   | <input type="checkbox"/> Inequality  | <input type="checkbox"/> Refugees   |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion                                       | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A   |   |

#### Stress 2:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure   | <input type="checkbox"/> Chronic Energy Shortages                                    | <input type="checkbox"/> Commodity Price Fluctuations                               |
| <input type="checkbox"/> Declining Population   | <input type="checkbox"/> Aging Population  | <input type="checkbox"/> Drought & Water Shortage                                   |
| <input type="checkbox"/> Endemic Crime & Violence   | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse                          | <input type="checkbox"/> Food Shortage  |
| <input type="checkbox"/> High Unemployment  | <input type="checkbox"/> Impending Depletion of Natural Resources                    | <input type="checkbox"/> Insufficient Educational Infrastructure                    |
| <input type="checkbox"/> Intractable Homelessness   | <input type="checkbox"/> Invasive Species  | <input type="checkbox"/> Lack Of Affordable Housing                                 |
| <input type="checkbox"/> Lack of Social Cohesion  | <input type="checkbox"/> Overpopulation  | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence                                   | <input type="checkbox"/> Poor Air Quality/Pollution                                  | <input type="checkbox"/> Poor Health Infrastructure                                 |
| <input type="checkbox"/> Pronounced Poverty   | <input type="checkbox"/> Inequality  | <input type="checkbox"/> Refugees   |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion                                       | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A   |   |

Stress 3:\*

(Select One)

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Aging Infrastructure                     | <input type="checkbox"/> Chronic Energy Shortages                 | <input type="checkbox"/> Commodity Price Fluctuations                               |
| <input type="checkbox"/> Declining Population                     | <input type="checkbox"/> Aging Population                         | <input type="checkbox"/> Drought & Water Shortage                                   |
| <input type="checkbox"/> Endemic Crime & Violence                 | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse       | <input type="checkbox"/> Food Shortage  |
| <input type="checkbox"/> High Unemployment                        | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure                    |
| <input type="checkbox"/> Intractable Homelessness                 | <input type="checkbox"/> Invasive Species                         | <input type="checkbox"/> Lack Of Affordable Housing                                 |
| <input type="checkbox"/> Lack of Social Cohesion                  | <input type="checkbox"/> Overpopulation                           | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution               | <input type="checkbox"/> Poor Health Infrastructure                                 |

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Pronounced Poverty   | <input type="checkbox"/> Inequality  | <input type="checkbox"/> Refugees   |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion                                       | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A   |   |

**Stress 4:\***

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure   | <input type="checkbox"/> Chronic Energy Shortages                                    | <input type="checkbox"/> Commodity Price Fluctuations                               |
| <input type="checkbox"/> Declining Population   | <input type="checkbox"/> Aging Population  | <input type="checkbox"/> Drought & Water Shortage                                   |
| <input type="checkbox"/> Endemic Crime & Violence   | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse                          | <input type="checkbox"/> Food Shortage  |
| <input type="checkbox"/> High Unemployment  | <input type="checkbox"/> Impending Depletion of Natural Resources                    | <input type="checkbox"/> Insufficient Educational Infrastructure                    |
| <input type="checkbox"/> Intractable Homelessness   | <input type="checkbox"/> Invasive Species  | <input type="checkbox"/> Lack Of Affordable Housing                                 |
| <input type="checkbox"/> Lack of Social Cohesion  | <input type="checkbox"/> Overpopulation  | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence                                   | <input type="checkbox"/> Poor Air Quality/Pollution                                  | <input type="checkbox"/> Poor Health Infrastructure                                 |
| <input type="checkbox"/> Pronounced Poverty   | <input type="checkbox"/> Inequality  | <input type="checkbox"/> Refugees   |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion                                       | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A   |   |

**4. Brief us on the long-term impact of your greatest existing or imminent stress.**

(250 word limit)

**Greatest Stress:\***

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure   | <input type="checkbox"/> Chronic Energy Shortages                                    | <input type="checkbox"/> Commodity Price Fluctuations                               |
| <input type="checkbox"/> Declining Population   | <input type="checkbox"/> Aging Population  | <input type="checkbox"/> Drought & Water Shortage                                   |
| <input type="checkbox"/> Endemic Crime & Violence   | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse                          | <input type="checkbox"/> Food Shortage  |
| <input type="checkbox"/> High Unemployment  | <input type="checkbox"/> Impending Depletion of Natural Resources                    | <input type="checkbox"/> Insufficient Educational Infrastructure                    |
| <input type="checkbox"/> Intractable Homelessness   | <input type="checkbox"/> Invasive Species  | <input type="checkbox"/> Lack Of Affordable Housing                                 |
| <input type="checkbox"/> Lack of Social Cohesion  | <input type="checkbox"/> Overpopulation  | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence                                   | <input type="checkbox"/> Poor Air Quality/Pollution                                  | <input type="checkbox"/> Poor Health Infrastructure                                 |
| <input type="checkbox"/> Pronounced Poverty   | <input type="checkbox"/> Inequality  | <input type="checkbox"/> Refugees   |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion                                       | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A   |   |

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#### 4.1 Brief us on how your city will be impacted when your highest-ranking shock occurs.

(250 word limit)

Greatest Shock:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Blizzard         | <input type="checkbox"/> Disease Outbreak            | <input type="checkbox"/> Earthquake   |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

#### 4.2 Select the last significant shock that occurred and briefly detail what happened and how your city reacted.

(100 word limit)

Last Significant Shock:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Blizzard         | <input type="checkbox"/> Disease Outbreak            | <input type="checkbox"/> Earthquake   |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

Year of Last Significant Shock:

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5. Of the four greatest shocks you listed in question 2, pick the one you are best prepared to face. Tell us why you are prepared to face this shock.

(250 word limit)

Shock:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Blizzard         | <input type="checkbox"/> Disease Outbreak            | <input type="checkbox"/> Earthquake   |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding           | <input type="checkbox"/> Hazardous Materials Accident   |
| <input type="checkbox"/> Heat Wave        | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide        | <input type="checkbox"/> Riot/Civil Unrest           | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Cyber Attack     | <input type="checkbox"/> Tsunami                     | <input type="checkbox"/> Volcanic Activity  |
| <input type="checkbox"/> Wildfire         | <input type="checkbox"/> N/A                         |   |

---

6. Of the four greatest stresses you listed in question 2.1, pick the one you are best prepared to face. Tell us why you are prepared to face this stress.

(250 word limit)



Stress:\*

(Select One)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure   | <input type="checkbox"/> Chronic Energy Shortages                                    | <input type="checkbox"/> Commodity Price Fluctuations                               |
| <input type="checkbox"/> Declining Population   | <input type="checkbox"/> Aging Population  | <input type="checkbox"/> Drought & Water Shortage                                   |
| <input type="checkbox"/> Endemic Crime & Violence   | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse                          | <input type="checkbox"/> Food Shortage  |
| <input type="checkbox"/> High Unemployment  | <input type="checkbox"/> Impending Depletion of Natural Resources                    | <input type="checkbox"/> Insufficient Educational Infrastructure                    |
| <input type="checkbox"/> Intractable Homelessness   | <input type="checkbox"/> Invasive Species  | <input type="checkbox"/> Lack Of Affordable Housing                                 |
| <input type="checkbox"/> Lack of Social Cohesion  | <input type="checkbox"/> Overpopulation  | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence                                   | <input type="checkbox"/> Poor Air Quality/Pollution                                  | <input type="checkbox"/> Poor Health Infrastructure                                 |
| <input type="checkbox"/> Pronounced Poverty   | <input type="checkbox"/> Inequality  | <input type="checkbox"/> Refugees   |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion                                       | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A   |   |

7. Write about an experience that demonstrated a need for greater resilience in your city and how it impacted your city's ability to function.\*

(250 word limit)

7.1 One of our four core offerings is support for the city, led by the CRO, to develop a City Resilience Strategy, a six to nine month transversal approach to diagnosing the city's shocks, stresses, and capacities as well as identifying actionable initiatives to address the resilience issues identified through the diagnostic. This process often involves building on existing plans of the city such as master plans and economic development strategies when they exist. It involves gaining perspectives from the community and private sectors, and necessitates collaboration among leaders in government. How

would you integrate the 100RC Resilience Strategy process into your city's planning? Please detail how this process could align with your current planning around resilience.

(250 word limit)

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8. In order to develop an inclusive resilience plan that reflects the needs of the entire city, which partners (i.e. current networks, stakeholders, and collaborators) will your city need to engage in the future?

Partner 1

Name of Partner:\*

Sector:\*

(Select One)

Public

Private

Local Civil Society

- International NGOs       Academia

List any concrete examples of planned or completed work.\*  
(100 word limit)

Describe how you'll include them in developing and executing a resilience plan.\*  
(100 word limit)

## Partner 2

Name of Partner:\*

Sector:\*

(Select One)

- Public                       Private                       Local Civil Society  
 International NGOs       Academia

List any concrete examples of planned or completed work.\*

(100 word limit)

Describe how you'll include them in developing and executing a resilience

plan.\*

(100 word limit)

### Partner 3

Name of Partner:\*

Sector:\*

(Select One)

- Public                       Private                       Local Civil Society  
 International NGOs       Academia

List any concrete examples of planned or completed work.\*

(100 word limit)

Describe how you'll include them in developing and executing a resilience plan.\*

(100 word limit)

8.1 Have you had any previous engagement with large private sector actors in order to implement public sector work?

(Select One)

Yes

No

If yes, briefly describe that experience.

(100 word limit)

8.2 Please detail any significant past engagements (other than those listed above) with external partners, i.e. public, private, local civil society, international NGOs, or academia.

(100 word limit)



8.3 Include website links to the critical partners and networks with whom you already engage.

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## 9. From the list below, select three areas that are of immediate interest to your city

Please note that if a city is invited to join the Network, the priority areas selected in this application may shift based on issues identified during the 100RC diagnostic process. For a more detailed explanation of these priorities, visit our [FAQ](#).

Priority Area 1\*

(Select One)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Minimal human vulnerability                 | <input type="checkbox"/> Diverse livelihoods and employment | <input type="checkbox"/> Adequate safeguards to human life and health              |
| <input type="checkbox"/> Collective identity and mutual support      | <input type="checkbox"/> Social stability and security      | <input type="checkbox"/> Availability of financial resources and contingency funds |
| <input type="checkbox"/> Reduced physical exposure and vulnerability | <input type="checkbox"/> Continuity of critical services    | <input type="checkbox"/> Reliable communications and mobility                      |
| <input type="checkbox"/> Effective leadership and management         | <input type="checkbox"/> Empowered stakeholders             | <input type="checkbox"/> Integrated development planning                           |
| <input type="checkbox"/> N/A   |   |  |

### Priority Area 2\*

(Select One)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Minimal human vulnerability                 | <input type="checkbox"/> Diverse livelihoods and employment | <input type="checkbox"/> Adequate safeguards to human life and health              |
| <input type="checkbox"/> Collective identity and mutual support      | <input type="checkbox"/> Social stability and security      | <input type="checkbox"/> Availability of financial resources and contingency funds |
| <input type="checkbox"/> Reduced physical exposure and vulnerability | <input type="checkbox"/> Continuity of critical services    | <input type="checkbox"/> Reliable communications and mobility                      |
| <input type="checkbox"/> Effective leadership and management         | <input type="checkbox"/> Empowered stakeholders             | <input type="checkbox"/> Integrated development planning                           |
| <input type="checkbox"/> N/A   |   |  |

### Priority Area 3\*

(Select One)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Minimal human vulnerability                 | <input type="checkbox"/> Diverse livelihoods and employment | <input type="checkbox"/> Adequate safeguards to human life and health              |
| <input type="checkbox"/> Collective identity and mutual support      | <input type="checkbox"/> Social stability and security      | <input type="checkbox"/> Availability of financial resources and contingency funds |
| <input type="checkbox"/> Reduced physical exposure and vulnerability | <input type="checkbox"/> Continuity of critical services    | <input type="checkbox"/> Reliable communications and mobility                      |
| <input type="checkbox"/> Effective leadership and management         | <input type="checkbox"/> Empowered stakeholders             | <input type="checkbox"/> Integrated development planning                           |
| <input type="checkbox"/> N/A   |   |  |

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10. Please attach your letter of support from the chief executive

## officer of your city.

This letter must (1) clearly state that the city's chief executive officer agrees with all answers to the questions found within this application, (2) indicate a commitment to providing the necessary support if the city is selected for the 100 Resilient Cities program, and (3) briefly detail the city's capacity and willingness to adopt and implement a citywide strategy.

Upload Letter:\*

City Chief Executive Officer's First Name:\*

City Chief Executive Officer's Last Name:\*

Title:\*

Position Type:\*

(Select One)

Appointed

Elected

Time served in office (# months elapsed from entering office until present day)\*

Duration of their remaining tenure (# months remaining in term of office)\*

Eligible for another term:\*

(Select One)

Yes

No

If yes, how long is the term (# months):

Name, email address, and phone number to reach the appropriate point of contact in this office (e.g. the mayor's executive assistant)

Support Contact First Name:\*

Support Contact Last Name:\*

Email Address:\*

Phone Number:\*

(Numbers only, including country code)

Name, email address, and phone number to contact the chief press officer

Press First Name:\*

Press Last Name:\*

Email Address:\*

Phone Number:\*

(Numbers only, including country code)

11. Cities are currently integrating the role of Chief Resilience Officer (CRO) using various approaches; the following outlines models that are being implemented across the globe. Select the model of greatest interest to your city based on the city's structure and needs:

Model A. An existing staff member becomes the city's CRO, and resilience is a new portfolio.

For example: A city combines the Office of Emergency Management (OEM) and Office of Climate Change into a single department: The Office of Resilience. The former head of OEM is appointed CRO and reports directly to the Mayor. All the employees of the two formerly separate departments report to this new CRO.

Model B. An existing staff member becomes the city’s CRO. The employee retains components of an existing portfolio, and adds a focus on resilience.

For example: A city appoints the Chief of Preparedness as CRO, adding resilience to her portfolio. The city then hires an additional staff member to ensure the efforts are sustainable.

Model C. The CRO is a new staff member; the portfolio is new.

For example: A city creates a new Office of Resilience and hires an outside employee to run it. No existing city departments are altered. The CRO coordinates across all government silos to create a resilience strategy.

Model D. The CRO is a new staff member; the portfolio is existing or merged with other functions.

For example: A city merges the Department of the Environment and the Earthquake Preparedness office, creating a new resilience office headed by a CRO hired from outside the government. The employees from the formerly separate departments all report to the CRO, who reports directly to the Mayor.

Select Model:\*

(Select One)

A

B

C

D

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11.1 Tell us why the model that you selected will work best for your city, including the political support you have in place to support this structure. Describe which city officials will directly support the CRO to work transversally across city departments and with civil society. Please pay special attention to how the chief executive officer will communicate with and support the CRO.

(250 word limit)

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12. Outline your vision for the Chief Resilience Officer, including the proposed CRO reporting structure you plan to implement if your city is selected as a network member. Please also indicate if your city already has any similar position to the CRO role. Note that 100 Resilient Cities values CRO structures in which the CRO reports directly to the city's chief executive or to his / her direct reports.\*

(250 word limit)

12.1. In order to build and implement an effective resilience strategy, the city must convene its own resources in addition to what 100RC provides (i.e. a CRO and technical assistance funding). We have discovered three items which are vital for success: staff support and administrative personnel for the CRO; a leadership body such as a steering committee or task force to advise and accelerate the priorities; a dedicated department, policy office, or bureau for resilience with an operational budget to aid in travel, production of publications, public events, etc. Please describe if and how you are intending to provide these items to your Chief Resilience Officer.

(100 word limit)

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13. We appreciate that cities need to start large projects at different times based on their elections cycles, budgeting processes, etc. Please select your city's preferred month in 2016 to begin planning and implementing your resilience plan. To better understand and adequately plan for the work undertaken

during the first few months, the current 100 Resilient Cities Engagement Cycle is roughly as follows: Months one and two center on city onboarding; an initial strategy workshop, with stakeholders from across silos and sectors, happens at the end of month three. The CRO recruitment process takes place during months three and four. The strategy development phase - an intensive period - occurs over six to nine months, starting at the beginning of month five.\*

Select the preferred month to begin planning and implementing your resilience plan (e.g. March).

(Select One)

- |                                  |                                   |                                    |
|----------------------------------|-----------------------------------|------------------------------------|
| <input type="checkbox"/> January | <input type="checkbox"/> February | <input type="checkbox"/> March     |
| <input type="checkbox"/> April   | <input type="checkbox"/> May      | <input type="checkbox"/> June      |
| <input type="checkbox"/> July    | <input type="checkbox"/> August   | <input type="checkbox"/> September |
| <input type="checkbox"/> October | <input type="checkbox"/> November | <input type="checkbox"/> December  |

13.1 Briefly describe why you chose this month.

(50 word limit)



14. Has your city previously accepted grants from international civil society organizations?\*

(Select One)

Yes

No

14.1. If yes, how did you collect this grant (e.g. did you receive it directly, have a fiscal sponsor).

(100 word limit)

Name of Organization:

14.2 Detail the nature and length of the grant (e.g. technical assistance infrastructure planning grant that lasted 24 months).

(100 word limit)

Length in Months:

15. 100 Resilient Cities is interested in the possibility of testing partnerships among adjoining municipalities that have both applied for the Challenge. Are there any adjoining cities that you would be interested in partnering with while developing your resilience strategy and, if so, which?

City:

Point of Contact

First Name:

Last Name:

Title:

15.1 Are they applying?

(Select One)

Yes

No