National Academies Meeting on Response Plans for Extreme Air Pollution Events: Planning Worksheet

May 6-7, 2021

Instructions: Please complete and submit this worksheet before Day 1 of the meeting. Seek input from colleagues at post if needed. There also is a list of sources at the end of this document that you can use to complete the worksheet.

This information will be used in the meeting sessions. The Department's Air Pollution Working Group also will use the information to develop a manual for posts to develop a response plan and add air pollution-specific planning and actions in their emergency management platform. Please submit a copy to AirPollution@state.gov. If you have any questions, please reach out to AirPollution@state.gov.

I.   **Name of Post** _____

II.   **What extreme air pollution events have affected your post location in recent years? Check all that apply.**

Event type	Check if Yes	Check if Seasonal
Wildfires	☐	☐
Agricultural burning	☐	☐
Unusual weather that traps air pollution (e.g., 2013 Beijing "Airpocolypse")	☐	☐
Dust storms	☐	☐
Volcanos	☐	☐
Industrial accidents	☐	☐
Local fires	☐	☐

III.   **What resources are available on the local economy? Check all that apply.**

Resource	Check if Yes
Weather data	☐
Emergency medical care	☐
Hospitals	☐
Public transportation	☐
Commercially available respiratory protection	☐
Public clean air locations: indoor playgrounds, malls, theaters	☐

IV. What air pollution and health resources are available at post, international school(s), or on the local economy? Check if Yes.

Resource	Post	Post housing pool	International schools	Local economy
AIR QUALITY				
Real-time, reliable air monitoring data	☐	☐	☐	☐
Low-cost sensors: outdoor	☐	☐	☐	☐
Low-cost sensors: indoor	☐	☐	☐	☐
HEALTH				
Emergency medical care	☐	☐	☐	☐
Hospitals	☐	☐	☐	☐
Medical specialists (e.g., respiratory, cardiology)	☐	☐	☐	☐
List of self-identified susceptible populations	☐	N/A	☐	N/A
BUILDING FEATURES				
Centralized air filtration	☐	☐	☐	N/A
Room air cleaners	☐	☐	☐	N/A
Heating or cooling capability	☐	☐	☐	N/A
AIR QUALITY MANAGEMENT				
Air quality council or working group	☐	N/A	☐	N/A
Air quality council or EAC meeting during poor air quality events	☐	N/A	N/A	N/A
Air quality components in Emergency Management Platform	☐	N/A	N/A	N/A
Response matrix of actions during poor air quality events	☐	N/A	☐	N/A
Air quality communications plan	☐	N/A	☐	N/A
Poor air quality alerts (e.g., MGT notice)	☐	N/A	☐	☐
Respiratory protection for staff working outdoors	☐	N/A	N/A	N/A
Fit testing for staff working outdoors	☐	N/A	N/A	N/A
Shuttle or bus service	☐	N/A	☐	N/A
High efficiency cabin filters vehicle fleet	☐	N/A	☐	N/A

V. What local and external partners and stakeholders does post engage on air quality? Check all that apply.

Partner/stakeholder	Check if Yes
Department/ministry of the environment	☐
Department/ministry of health	☐
Department/ministry of emergency response	☐

NGOs
Specify _____
  _____
  _____
  _____
	☐

Medical facilities or groups	☐
International media	☐
Local media	☐
Academic institutions (university)	☐
International schools	☐

Private corporations
Specify _____
  _____
  _____
  _____
	☒

VI. Resources to consult to complete worksheet

Air quality
- *State Department's ZephAir app: Google Play or Apple Store*
- *AirVisual sensors:* iqair.com
- *PurpleAir sensors:* purpleair.com
- *OpenAQ:* openaq.org

Weather
- Weather.com

Health
- *Medical clearance preview tool:* https://mci.med.state.sbu/MedicalClearancePreview

Air quality management
- *Air quality and post resources tool for bidding:* http://cas.state.gov/airquality/aq-and-bidding/
- *Air quality and actions to take:* http://cas.state.gov/airquality/aqi/
- *Communications library:* http://cas.state.gov/airquality/air-pollution-management-checklist/air-quality-communications-library/