

Addressing Public Health Impacts of Global Climate Change Through Prevention Practice and Policy Solutions

Instructions: Print this post-test and circle the letter corresponding to the best answer for each question. You must answer at least 5 of the 8 questions correctly in order to earn credit for this webcast. Upon completion of the post-test, complete the CME Certificate Request.

1. The Intergovernmental Panel on Climate Change (IPCC), the largest peer-reviewed scientific endeavor ever, again concluded in its most recent 2007 Assessment report that:

- a. Greenhouse gas emissions have risen markedly since 1750, far exceeding pre-industrial levels.
- b. Average global temperature increases over the past 50 years have been confined to ambient air temperatures.
- c. Human activities are "very likely" the predominant cause of warming over the past 50 years.
- d. Continued rise in sea levels worldwide will most likely be due to ocean temperature warming and thermal expansion of sea water.
- e. A and C (answer)
- f. B and D
- g. A, B and C

2. In 2006 a major summer heat wave, resulting directly and indirectly in the death of over 20,000 people, struck:

- a. U.S.
- b. South America
- c. Sub-Saharan Africa
- d. Europe

3. Extremes of weather, both flooding and drought, can result from warming due to climate change. Public health impacts of these extremes may include:

- a. drinking water shortages due to decreased precipitation or contamination
- b. malnutrition or famine
- c. population displacement
- d. A, B and C

4. As a result of climate change, physicians and public health officials will likely need to cope with increasing incidence and / or changing distribution of the following :

- a. vector-borne infectious diseases such as malaria and dengue
- b. autoimmune diseases
- c. cholera
- d. malignancies
- e. A and C
- f. A, B and C

5. Air pollution, which can be exacerbated by warmer temperatures, has been implicated in the following:

- a. increased risk of developing asthma in childhood
- b. decreased I.Q., difficulty with reading and mathematics skills in children exposed before age 10
- c. impaired pulmonary development as determined by FEV1 in children and adolescents
- d. increased risk of attention deficit disorder
- e. A and C
- f. B and D

6) In order to stabilize CO2 levels in the atmosphere

- a. Giant mirrors could be placed in the upper stratosphere to reflect some of the sun's energy back out to space.
- b. Carbon emissions must equal carbon sinks
- c. Carbon emissions must stop completely
- d. All of the above

7) Personal or professional lifestyle changes a health professional could make to reduce greenhouse gas emissions include all of the following EXCEPT:

- a. Changing one's diet to only include organic beef
- b. making one's professional practice setting more energy efficient
- c. driving a fuel efficient car and driving it less
- d. replacing older appliances with more energy models

8) Recommended ways for health professionals to get involved in the climate stabilization policy-making process are

- a. to discuss the health impacts of climate change with patients and colleagues
- b. arrange for experts to give talks about the health effects of climate change at professional meetings
- c. meet with local and state policy makers to explain the health impacts of climate change
- d. a, b, and c
- e. b and c only

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EVALUATION/REQUEST FORM

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| Please circle the number corresponding to your level of agreement with the statements below. | Strongly Disagree | Disagree | Slightly Disagree | Somewhat Agree | Agree | Strongly Agree |
| <ul style="list-style-type: none"> ■ The presenters were effective speakers. <ul style="list-style-type: none"> ❖ Kent Bransford, MD ❖ Cindy Parker, MD, MPH | 1 | 2 | 3 | 4 | 5 | 6 |
| ■ The information will be useful in my work. | 1 | 2 | 3 | 4 | 5 | 6 |
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