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Problems that come from climate change can be big! Too much carbon dioxide (CO_2) is filling our planet's atmosphere. This extra CO_2 comes from burning coal, gas, methane and more. These gases are called green house gases. CO_2 captured in Earth's air often creates hotter air causing extreme weather and flooding.

Warmer air causes ice on Earth's glaciers and North and South Poles to melt. This causes the shorelines of our planet to begin to flood. Beaches in front of homes, military bases and other buildings begin to disappear.

Military bases are important for keeping Earth's nations secure, helping people during bad weather and much more. It's very important that these bases aren't destroyed because of hurricanes, tornados and floods. In the United States, many military bases on shorelines have already had great damage from storms.

National forests can help slow climate change. Sadly we are having trouble protecting them for several reasons and including the effects of global warming.

Because Earth is warming, plants, trees and animals in our forests struggle to survive in their new climate. Some can adapt, some will move to different areas but some will not survive.

Hurricanes, tornados, floods and fires in forests are all increasing due to global warming and can cause severe damage.

Instead of loosing national forests to logging and climate change that causes fires, we need to be increasing and protecting our forests.

Forests help cool the Earth. Learn about forest fires here.



Power Posters

Check out <u>KSE's Trip to the Forest book</u> to learn about exploring a forest.

Your own ad campaign!

Kids can also help protect our parks and our national security by making Power Posters. KSE kids have been doing this for years. They put signs up in their schools, homes, libraries, and local stores. Wherever you put them up, always ask permission. Think of a good title and use bright colors to make your poster. An example of a title might be: Protect our National Forests to Slow Global Warming.

Check out our KSE <u>Save our Parks</u> program for more activities you can do to stop climate change by protecting parks.

Talk about it!

National security is a topic kids can't do a lot about but they can talk about it to friends, parents and teachers. You can also write letters to government leaders about global warming. Ask them to be sure our national security is in good shape and to protect military bases from flooding and storms. Slowing global warming will help. Click on this **Epal link** to find addresses for the president, vice president and other government leaders. If you want to meet your congressperson check this out: **Meet your Congressperson**. Finally, write a letter about how climate change is harming our national security for your local or school newspaper. Become a **KSE News Reporter**.

Impacts of global warming for kids

http://www.c2es.org/science-impacts/basics/kids

Climate change and your national forests.

http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5436761.pdf

National Security

http://www.americansecurityproject.org/climate-security/

Global Warming

http://globalwarning.medill.northwestern.edu/main/

10 things kids can do to help prevent global warming.

http://makeanimpact.c2es.org/kids/toptentips

Climate change blamed for half of increased forest fires.

http://www.nytimes.com/2016/10/11/science/climate-change-forest-fires.html?_r=0

Helping Kids Explore Parks

https://www.nationalparks.org/our-work/programs/npf-kids

Top Problems Facing Our Parks.

http://www.nationalgeographic.com/travel/top-10/national-parks-issues/

Create An Ad Campaign

http://nationalgeographic.org/idea/protect-your-parks/family/