

Environmental Protection Agency Oregon Office of Energy Odyssey Productions, Inc.

GENERATION TO GENERATION: The Story of Climate Change and Oregon

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FADE IN:

A MONTAGE OF SCENES OF CHILDREN IN THE OREGON OUTDOORS INTERCUT WITH GORGEOUS SCENES FROM AROUND THE STATE

For example:

- 1. A boy nestled in the curve of a tree branch, looking out to the ocean.
- 2. Raccoons digging for clams along an estuary's shoreline.
- 3. A group of kids kicking a ball and tumbling down a duneface.
- 4. Waves crashing against headlands.

DR. JANE LUBCHENCO

(voiceover)

"This we know: Our ecological systems ... from wetlands to estuaries, forests, grasslands, open oceans ... provide the life support system for all of life on planet Earth."

- 5. Two boys with branches for walking sticks hiking through the woods.
- 6. People riding horses through tall golden grasses.
- 7. Children diving off a boulder into a pool of a river.
- 8. Flying low over the snow-covered mountainscape of the Cascades.

"This we know: ... "We're changing our ecological systems in new ways, over larger scales, and at faster rates than ever before."

- 9. A child in a campground coming out of a tent.
- 10. Two women with babies in backpacks walking through a forest.
- 11. Two children and a dad paddling kayaks down a river.

"This we know: These changes will have huge ramifications for future generations."

dissolve to:

12. DR. LUBCHENCO INTERVIEW -- TRYON CREEK STATE PARK

Dr. Jane Lubchenco is standing in the lush woodland setting.

SUPER TITLE: DR. JANE LUBCHENCO

Board of Directors, National Science Foundation

DR. LUBCHENCO: (on camera)

"Despite the fact that scientists don't know everything about the climate system, we do know that human activities have changed the climate system quite substantially."

dissolve to:

A MONTAGE OF IMAGES OF CHILDREN EXPLORING A TIDE POOL AREA.

For example:

- 13. A wide shot of a group of children clustered around and looking down at a tide pool.
- 14. Two young people clambering over rocks -- one points and the other looks.

DR. LUBCHENCO: (voiceover) "Many activities contribute to these changes, including"

- 15. Little fingers gently touching the tentacles of an anemone.
- 16. Looking up through the water to closeups of children's faces.

SUPER TITLE: GENERATION TO GENERATION

The Story of Climate Change and Oregon

"... the way we generate and use electricity. Our energy choices today will have profound consequences for generations to follow."

dissolve to:

17. CLIMATE INSTITUTE ANIMATED GRAPHICS

The images show a slice of the globe with a blue "cap." The sun appears, and arrows point both down and up to show the direction of heat movement. Then tiny spewing smokestacks appear.

NARRATOR: (voiceover)

WHAT IS GLOBAL WARMING?

NATURALLY-OCCURRING

GASES IN OUR ATMOSPHERE

TRAP THE SUN'S HEAT ...

... LIKE GREENHOUSE GLASS.

AS THE SUN'S RAYS STRIKE

THE EARTH, THE SURFACE IS

WARMED ...

... RADIATING HEAT BACK

INTO THE ATMOSPHERE.

SOME HEAT ESCAPES INTO

SPACE, BUT THE REST IS

TRAPPED BY THE

GREENHOUSE GASES

AND WARMS THE EARTH.

THE PROBLEM COMES WHEN

HUMANS ADD EXTRA

GREENHOUSE GASES,

UPSETTING THE BALANCE.

dissolve to:

IMAGES THAT EPITOMIZE BURNING FOSSIL FUELS

For example:

18. An endless highway lineup of stop-and-go traffic.

FOSSIL FUELS ARE THE

PRIMARY SOURCE FOR

GREENHOUSE GASES:

BURNING COAL, OIL, AND

NATURAL GAS FOR ENERGY.

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To see the complete script, contact me at matrazzo@msn.com.