

# SIMPLE GIFTS FOR MOTHER EARTH

## Information Sheet

### Resources:

For links to the organizations represented this evening and more resources, see our webpage <http://emergingearthcommunity.org/simple-gifts-for-mother-earth>

### Facts:

Since the 1970s - Exxon & other oil companies have known that fossil fuels cause climate change and funded denial.

Since 1988 - UN Intergovernmental Panel on Climate Change (IPCC) has issued scientific reports on the problem. Recent reports agree - climate change is 90% human caused; it's worse than we thought; we need to act.

November 2018 - US Global Change Research Program, National Climate Assessment stated that we have 12 years to respond to the consequences of unlimited fossil fuels to avert catastrophe.

January 2019 - US Department of Defense calls climate change "a national security issue" as it has since 2007.

April 2019 - Chubb Insurance CEO, Evan Greenberg, names climate change an "existential threat" due to rising sea levels, increase in fires, floods, droughts, hurricanes, typhoons. Climate change has caused \$400 billion in destruction since 2015 in US alone.

January to August 2019 - wettest months on record for the US.

July 2019 - hottest month on record for the planet; Phoenix, AZ a record 128 days above 100.

By 2050, a World Bank Report estimates there will be 143 million climate change-driven migrants from the regions of Latin America, sub-Saharan Africa, and southeast Asia alone. Climate Justice issues are emerging globally.

### 10 Most Effective Solutions

listed in *Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming*. 2017

- |                                |                         |
|--------------------------------|-------------------------|
| 1 Refrigerant management       | 6 Educating young women |
| 2 Wind turbines (onshore)      | 7 Family planning       |
| 3 Reduced food waste           | 8 Solar farms           |
| 4 Plant rich diet              | 9 Silvopasture*         |
| 5 Tropical forest conservation | 10 Rooftop solar        |

For more information on solutions, see "The most effective ways to curb climate change might surprise you,"

by Drew Kann, Will Houp, Judson Jones, and Sean O'Key. CNN. April 19, 2019.

\*Silvopasture: intensively managed combination of trees, forage plants and livestock.