# **Indigenous Sustainability**



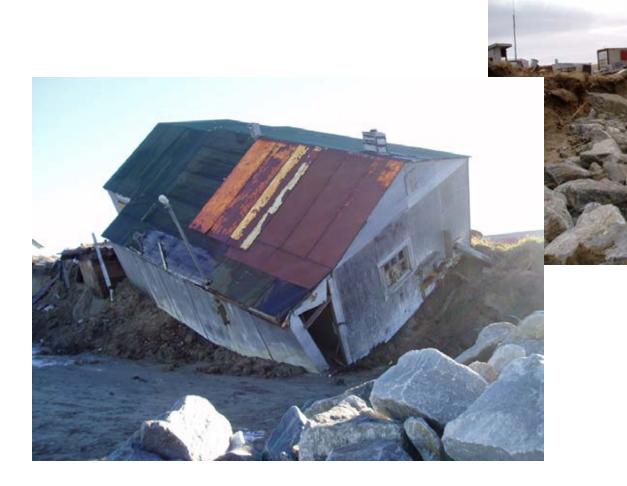
Image by Jonathan Thunder

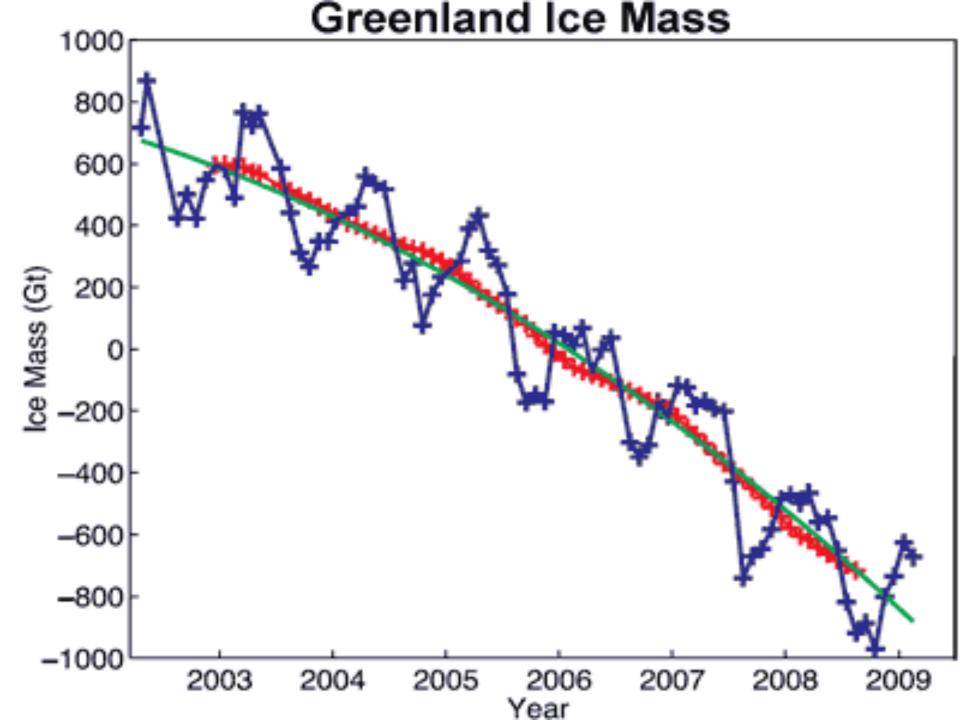
#### Who We Are





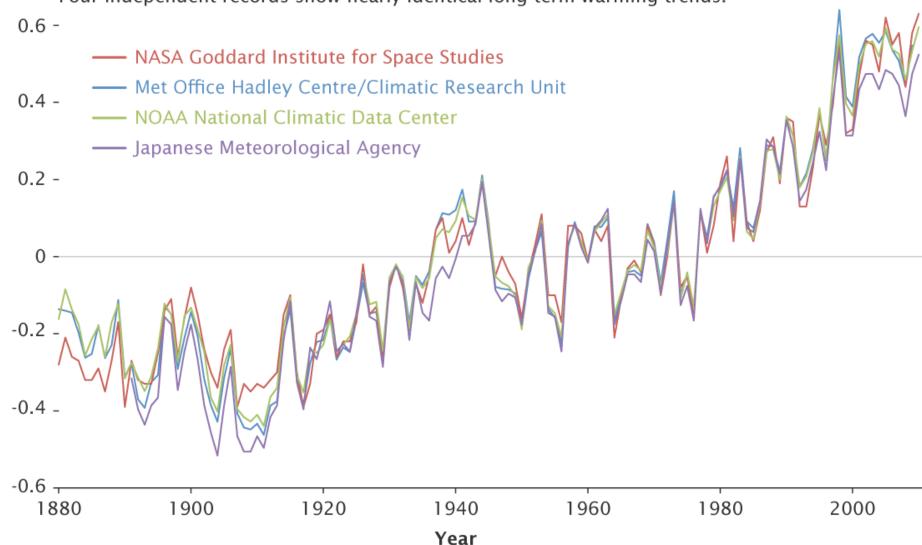
# **Climate Change Impacts**





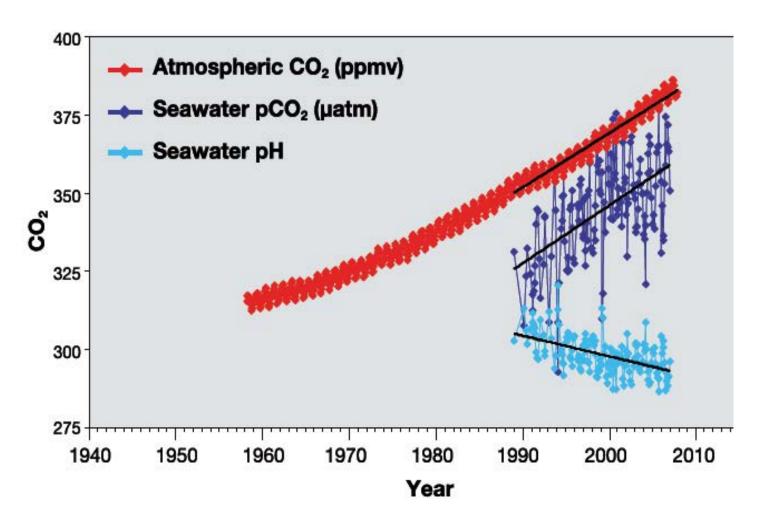
#### **Global Surface Temperatures**

Four independent records show nearly identical long-term warming trends.



Credit: NASA Earth Observatory/Robert Simmon

**Data Sources:** NASA Goddard Institute for Space Studies, NOAA National Climatic Data Center, Met Office Hadley Centre/Climatic Research Unit, and the Japanese Meteorological Agency.





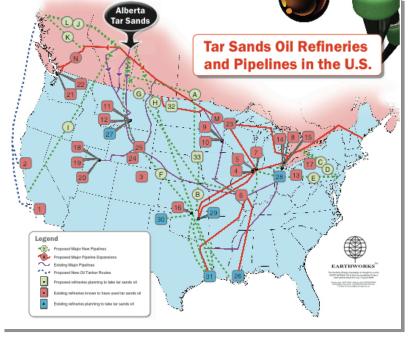




## Tar Sands







#### Fossil fuels: global production, 1800-2200

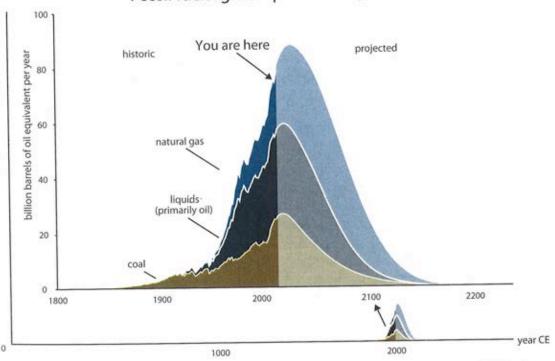
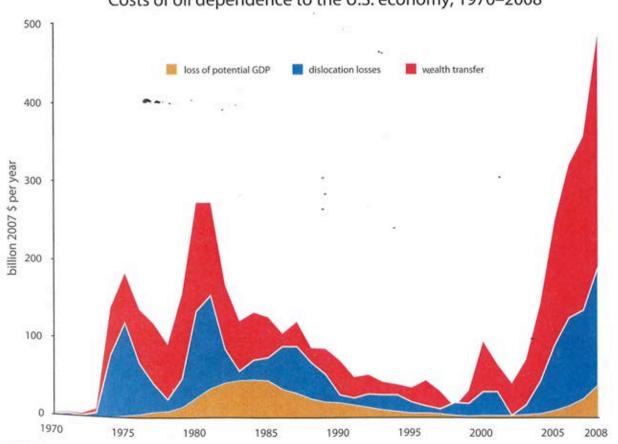


FIG. 1-3. This graph plots the actual global output of the three major classes of hydrocarbons through 2009, then projects the remaining amounts of each believed likely to be recovered if there are no aboveground constraints.<sup>37</sup> The historic data are accurate but the smoothed illustrative projections are quite approximate, reflecting leading resource experts' knowledge in early 2011 but subject to many uncertainties. The projections include unconventional resources such as

Costs of oil dependence to the U.S. economy, 1970–2008



	tance by truck to Chicago Terminal Market*	# States supplying this item	% Total from Mexico
Grapes	2,143	niles 1	7
Broccoli	2,095 m	iles 3	3
Asparagus	1,671 miles	5	37
Apples	1,555 miles	8	0
Sweet Corn	813 miles	16	7
Squash	781 miles  Each truck represent about 500 miles of distance traveled	ts 12	43
Pumpkins	233 miles	5	0

<sup>\*</sup> Information for this chart is based on the weighted average source distance, a single distance figure that combines information on distances from production source to consumption or purchase endpoint. For these calculations, USDA Agricultural Marketing Service arrival data for 1998 were used to identify production origin (state or country). Distances from

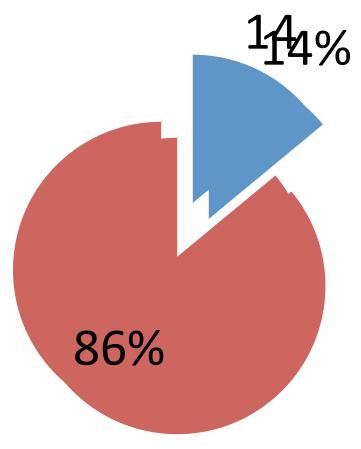
production origin to Chicago were estimated by using a city located in the center of each state as the production origin, and then calculating a one-way road distance to Chicago using the Internet site Mapquest (mapquest.com). Estimations do not include distance from the Chicago Terminal Market to point of retail sale.

Graphic design by Matt Miller

Source: Leopold Center for Sustainable Agriculture

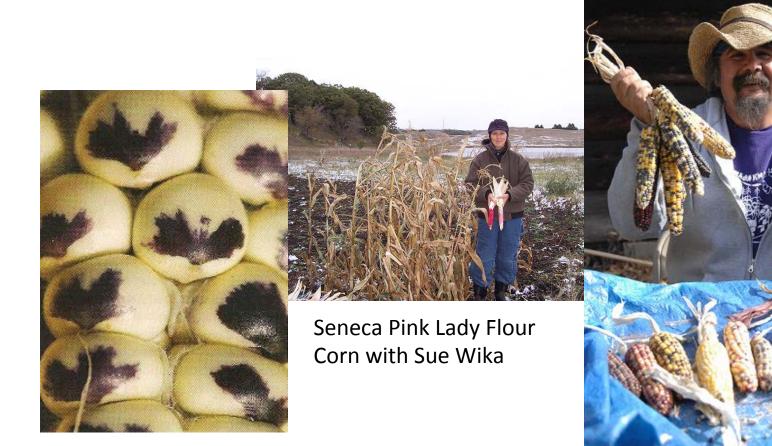
## Food Economy

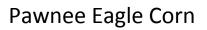




"the statistics showed tha only 1 million dollars or 14% of the reservation households' food dollars stayed on the reservation, while 7 million or 86% left the reservation." -WELRP Food Sovereignty Report 2008

#### Indigenous Corn Restoration Project





Jonesy Miller with Bear Island Flint





## White Earth Solar Install



# **Community Scaled Wind**

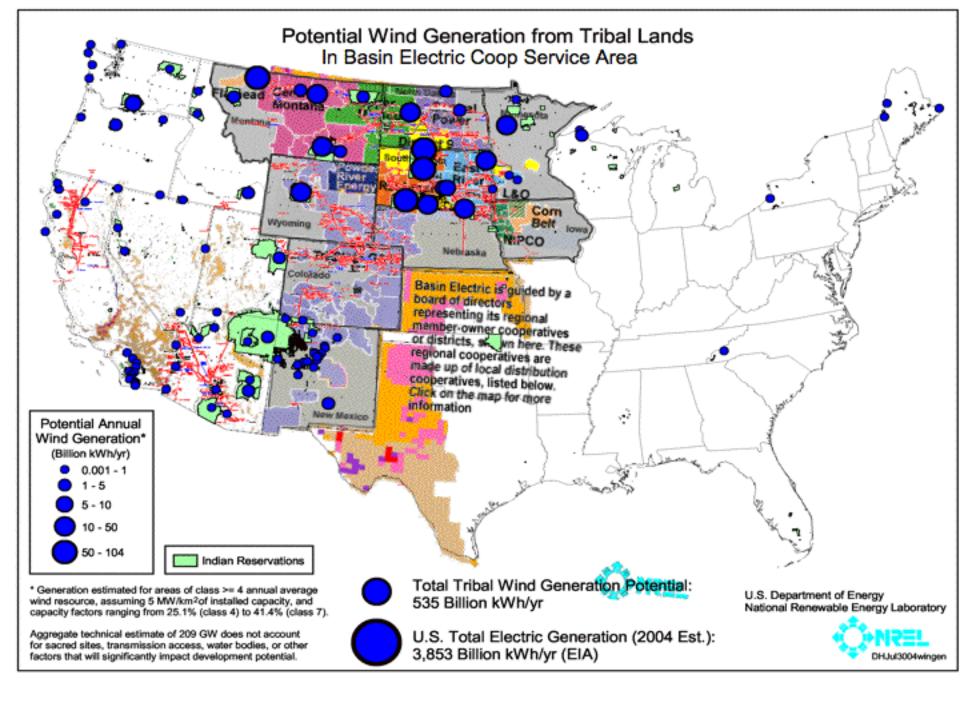


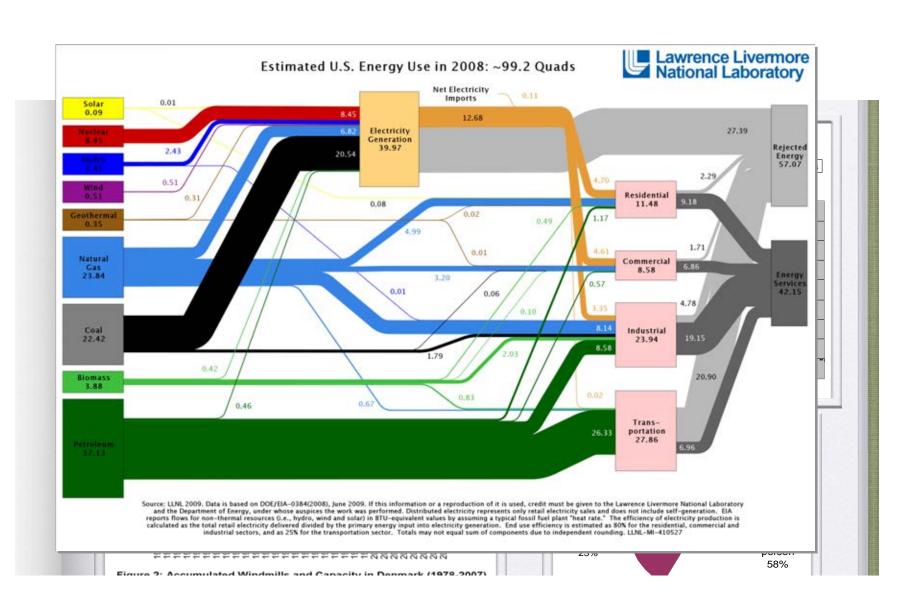
# Inaashke..... taadaa



# Dine Solar









# White Earth Anishinaabeg win happy planet award

