Greening Deserts, Eliminating Landfills, and the End to Limited Resources: Cities of the Future 100 Years From Now


Greening Deserts


NASA


Salmonella typhi
Schistosoma
Cholera vibrios

Tehran, Iran


NASA


BEFORE
AFTER
@嵩岳钦禹

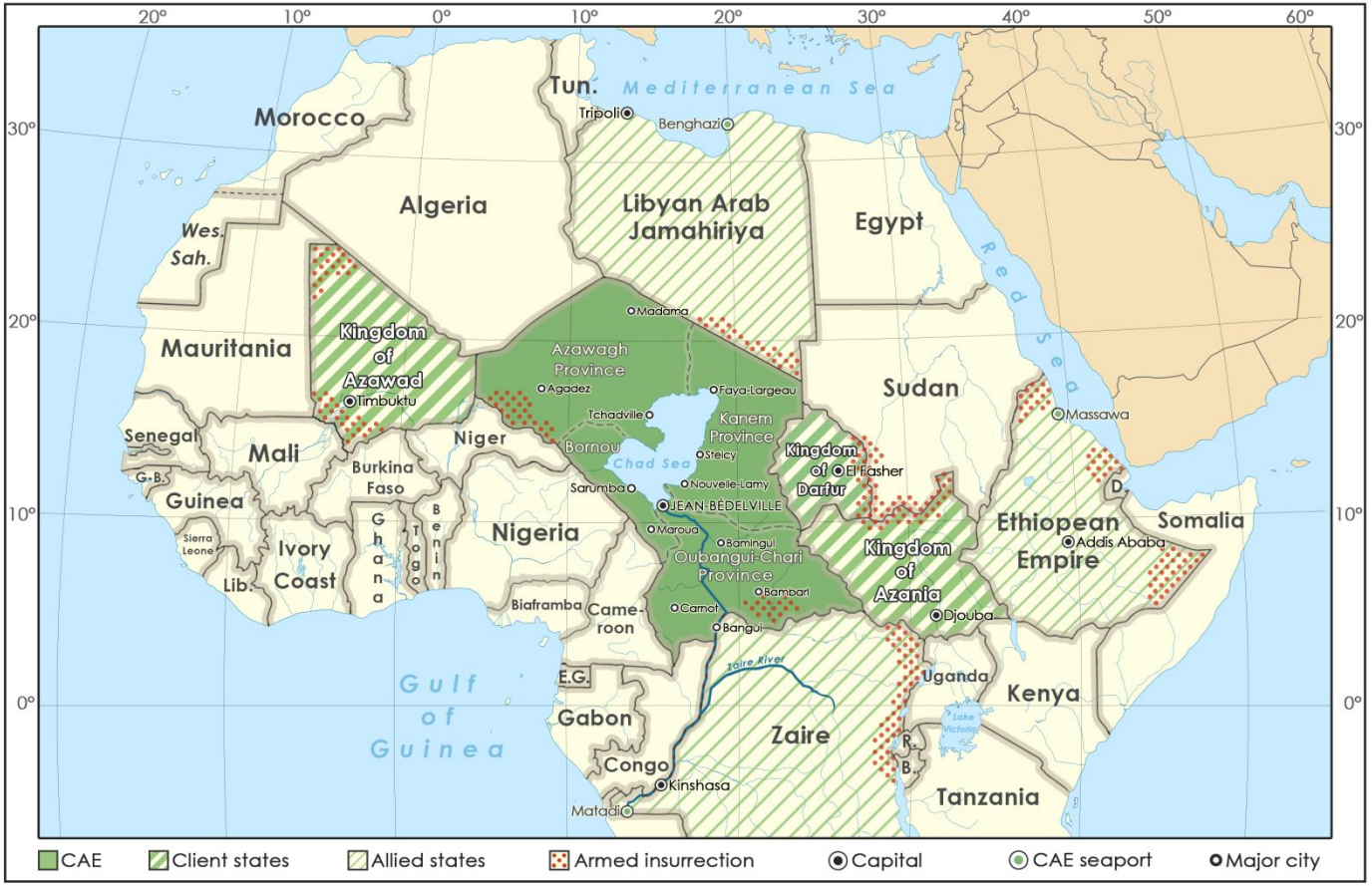
But Where Will the Water Come From?

GROUP bonifica

CENTRAL AFRICAN EMPIRE and the GREAT CHAD SEA in 2000

MONARCH: Jean-Bédel Bokassa II
LANGUAGE: French, Arabic, Sango
CAPITAL: Jean-Bédelville
TERRITORY: 2,530,250 km² (10th)
POPULACE: 28,650,000 (46th)

Founded in 1976 upon the crowning of Bokassa I, the CAE quickly expanded into the Chad Basin, conquering the Republic of Chad and annexing the majority of Niger. In the following years, with the emergence of the Great Chad Sea as a result of the "Transaqua" Waterway, the CAE continued its expansionist policy, carving vassal states out of Mali and Sudan, and constituting the central part of Tripoli-Bedelville-Kinshasa axis of pan-Africanist rogue states.



IMPERIAL CLIENT STATES

KINGDOM OF AZAWAD
Bokassite absolute monarchy
CAPITAL: Timbuktu
RULER: Georges I

KINGDOM OF AZANIA
Bokassite absolute monarchy
CAPITAL: Djouba
RULER: Jean-Serge I

KINGDOM OF DARFUR
Bokassite absolute monarchy
CAPITAL: El Fasher
RULER: Jean-Charles I

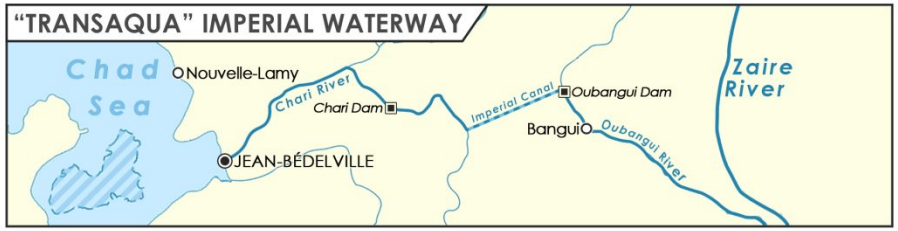
IMPERIAL ALLIES

REPUBLIC OF ZAIRE
Unitary presidential republic
CAPITAL: Kinshasa
RULER: Mobutu Sese Seko

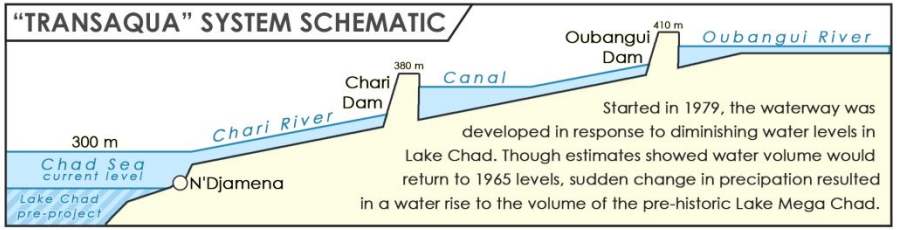
LIBYAN JAMAHIRIYA
Islamic socialist jamahiriya
CAPITAL: Tripoli
RULER: Muammar Gaddafi

ETHIOPIAN EMPIRE
Solomonic absolute monarchy
CAPITAL: Addis Ababa
RULER: Zera Yacob Selassie I

"TRANSAQUA" IMPERIAL WATERWAY



"TRANSAQUA" SYSTEM SCHEMATIC



Started in 1979, the waterway was developed in response to diminishing water levels in Lake Chad. Though estimates showed water volume would return to 1965 levels, sudden change in precipation resulted in a water rise to the volume of the pre-historic Lake Mega Chad.

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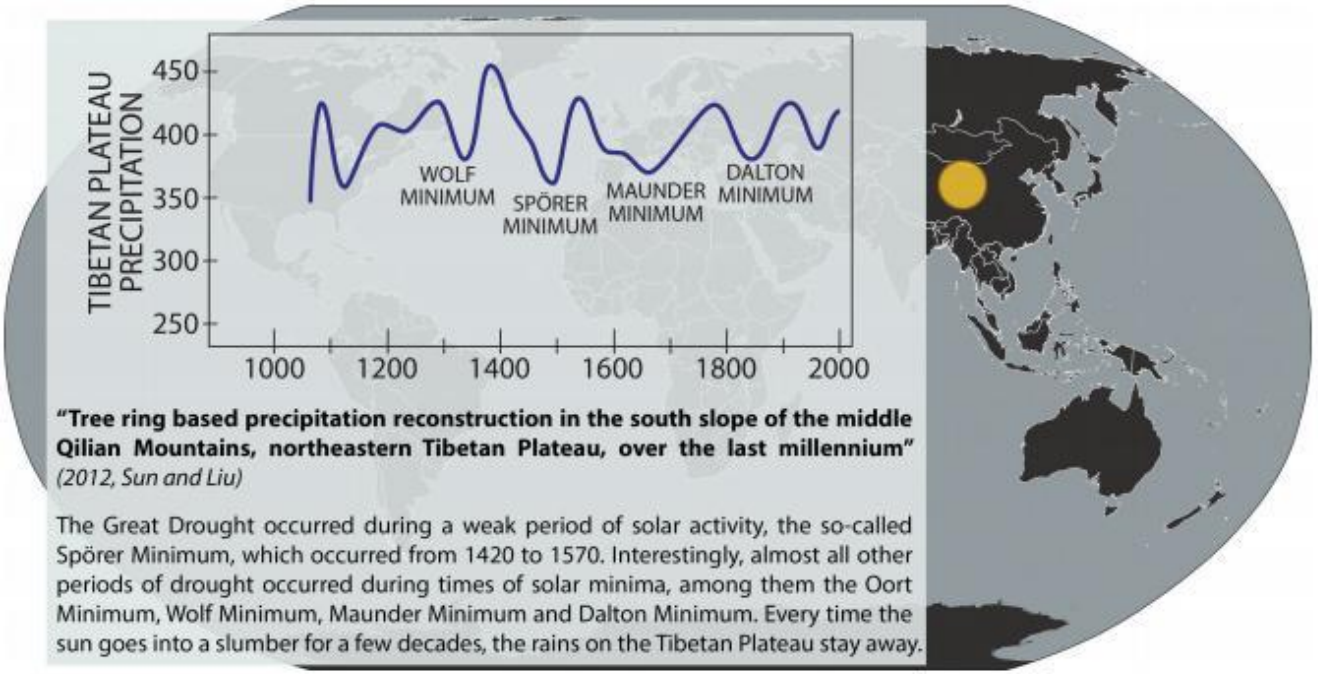
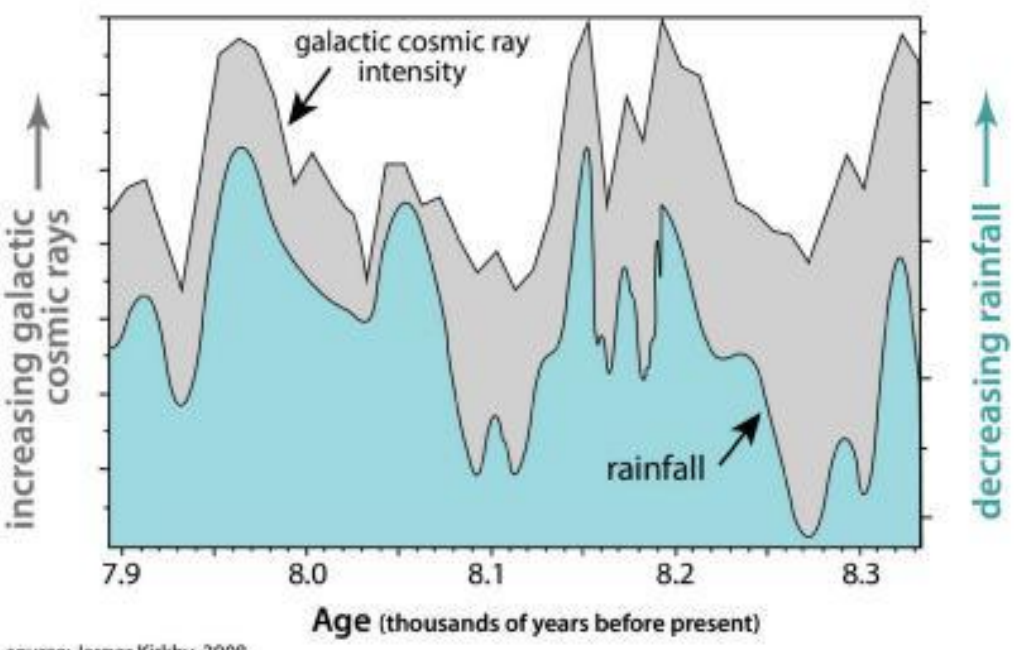


"Tree ring based precipitation reconstruction in the south slope of the middle Qilian Mountains, northeastern Tibetan Plateau, over the last millennium" *(2012, Sun and Liu)*

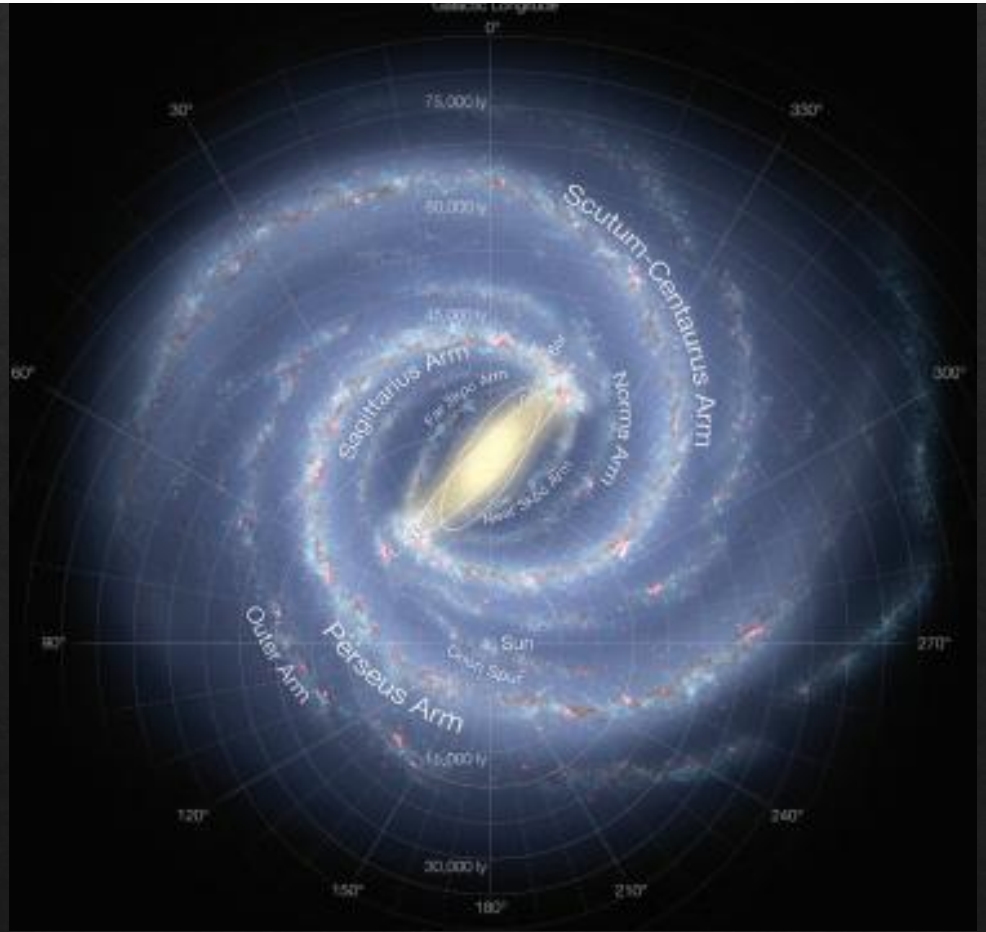
The Great Drought occurred during a weak period of solar activity, the so-called Spörer Minimum, which occurred from 1420 to 1570. Interestingly, almost all other periods of drought occurred during times of solar minima, among them the Oort Minimum, Wolf Minimum, Maunder Minimum and Dalton Minimum. Every time the sun goes into a slumber for a few decades, the rains on the Tibetan Plateau stay away.

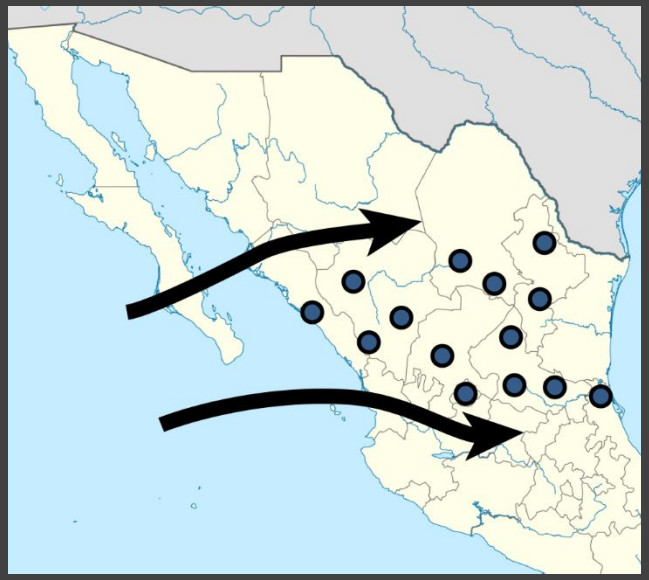
GALACTIC COSMIC RAYS AND RAINFALL

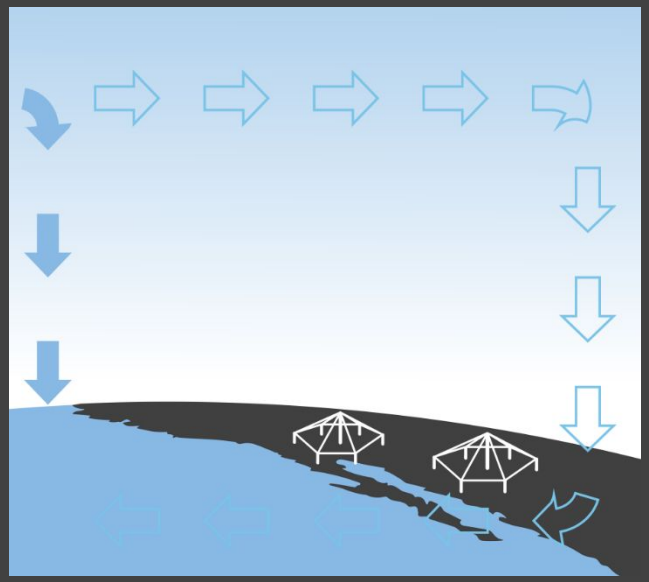


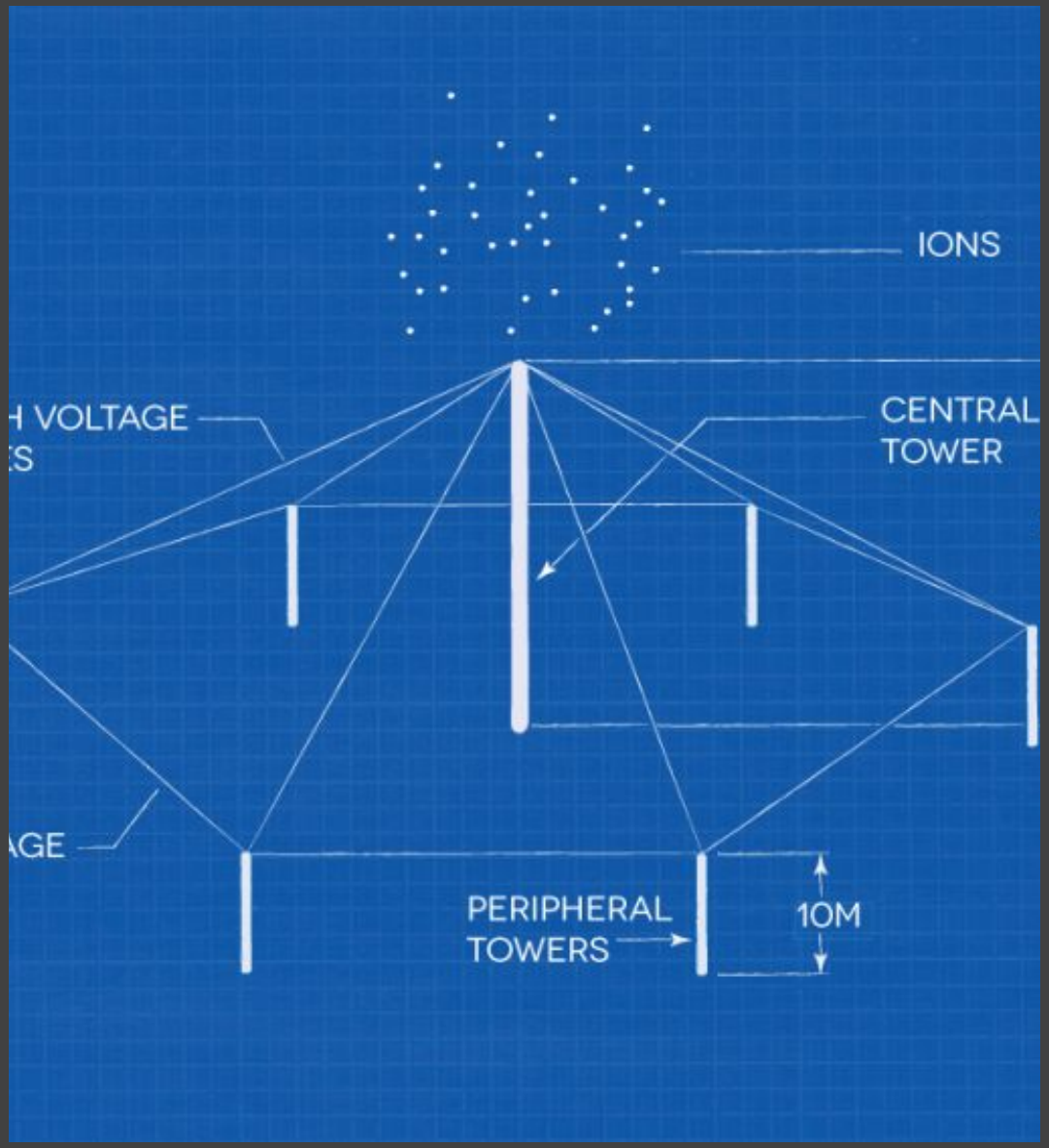
source: Jasper Kirkby, 2008


32 Million Years
32 Million Years


0°
30°
330°
60°
300°
90°
270°
120°
240°
150°
210°
180°
75,000 ly
60,000 ly
45,000 ly
30,000 ly
15,000 ly
Scutum-Centaurus Arm
Sagittarius Arm
Norma Arm
Perseus Arm
Outer Arm
Sun
Local Spur
Near 3kpc arm
Far 3kpc arm






IONS
H VOLTAGE
S
CENTRAL
TOWER
AGE
PERIPHERAL
TOWERS
10M

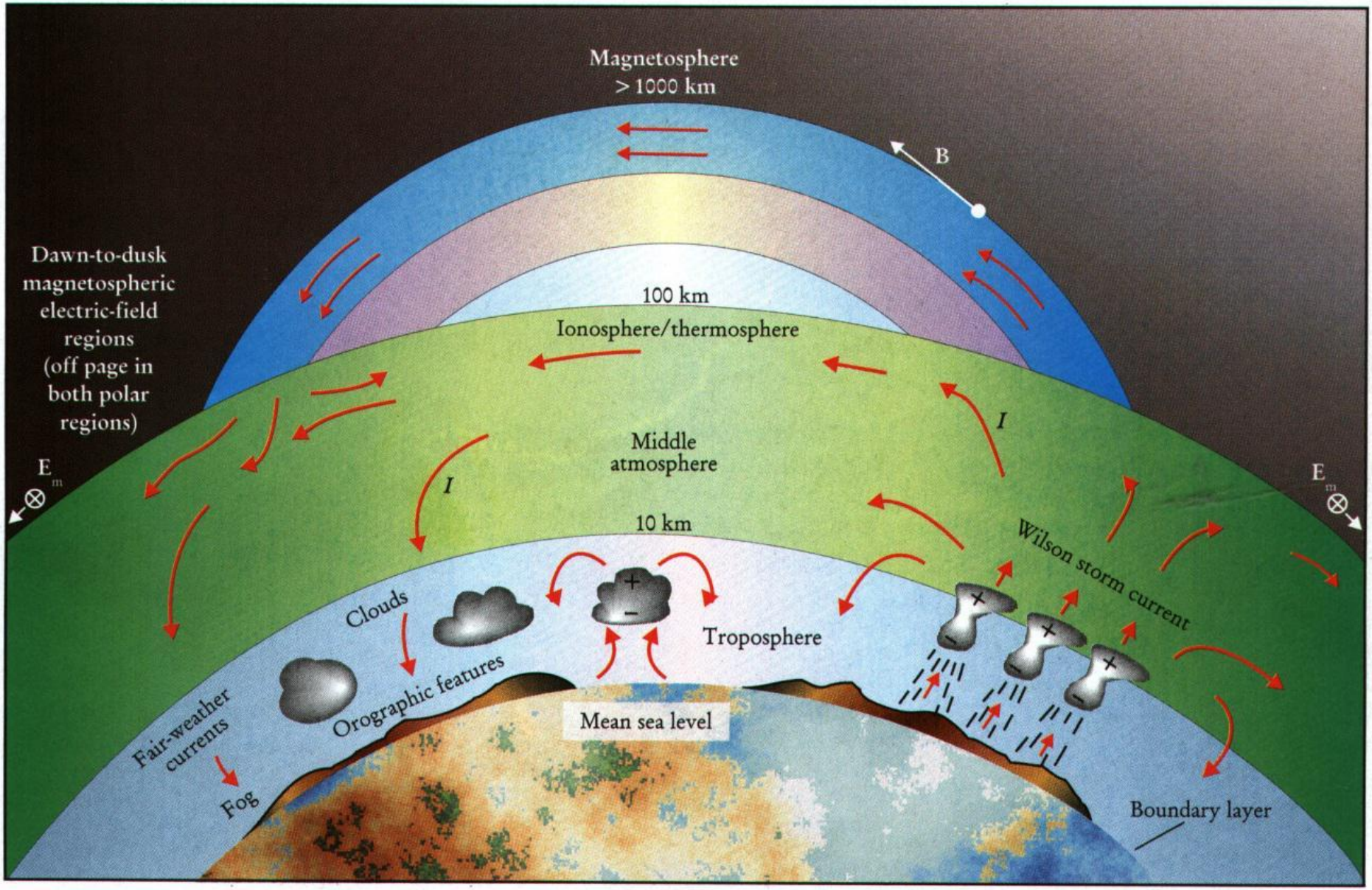
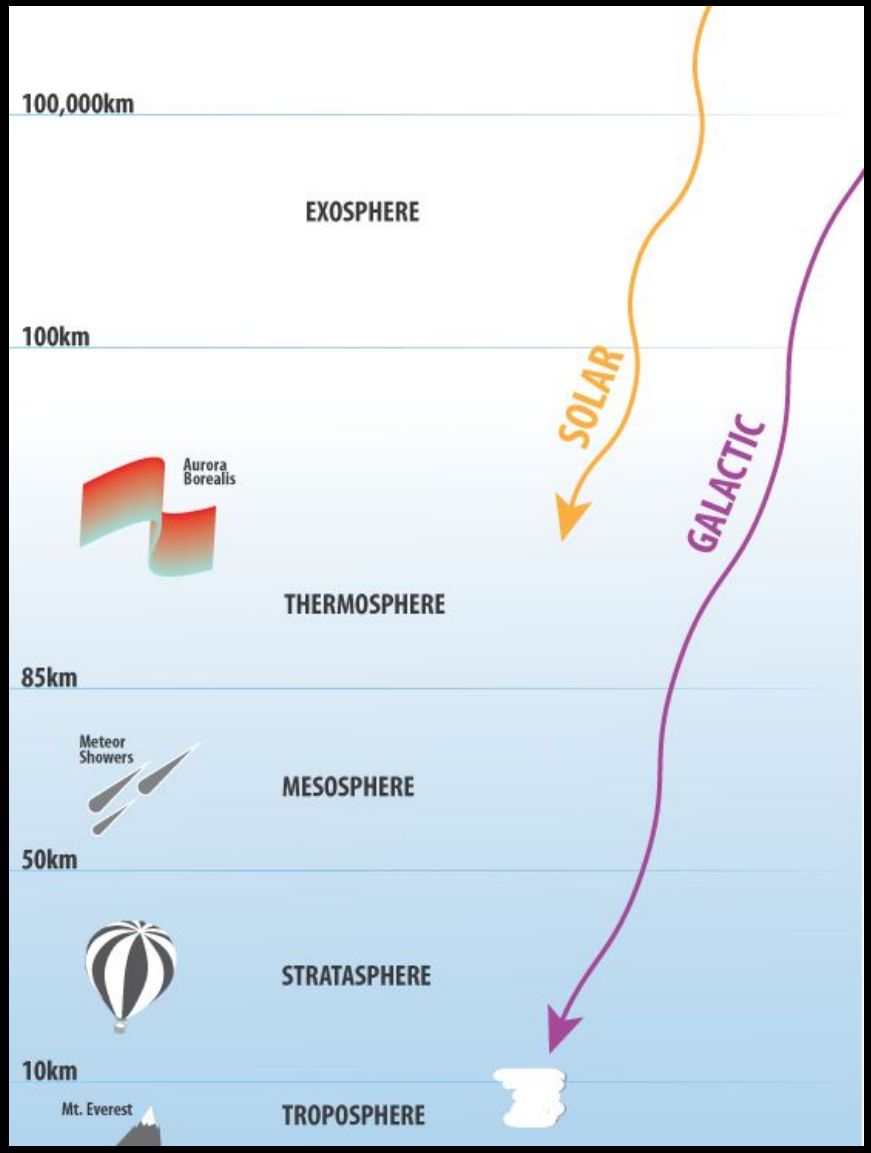
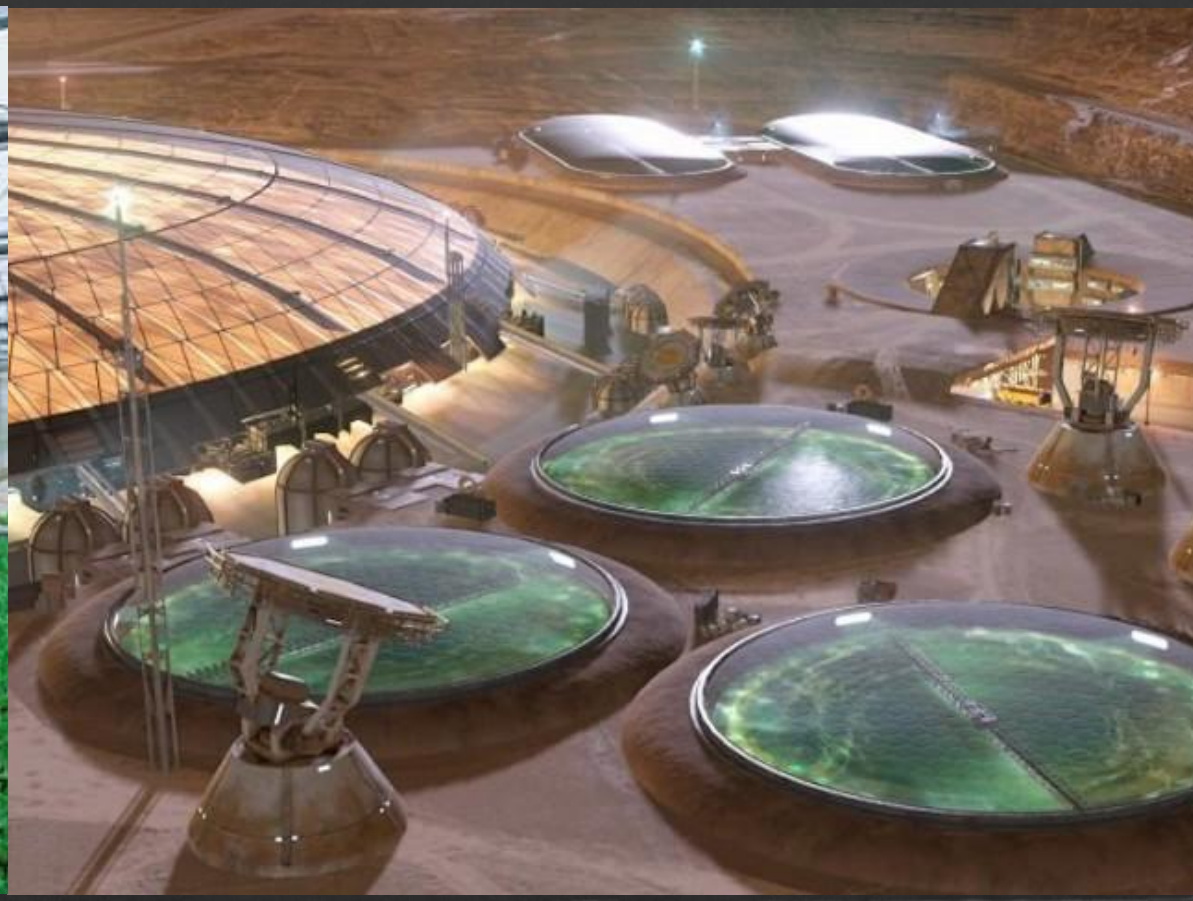


FIGURE 2. FLOW OF ELECTRIC CURRENT in the global circuit. All of the unlabeled arrows represent current flow. The strongest batteries in the circuit are the thunderstorms indicated on the right. They produce the Wilson current. The fair-weather currents are indicated by downward-pointing arrows away from the thunderstorms. (Based on a diagram by Ray G. Roble.)

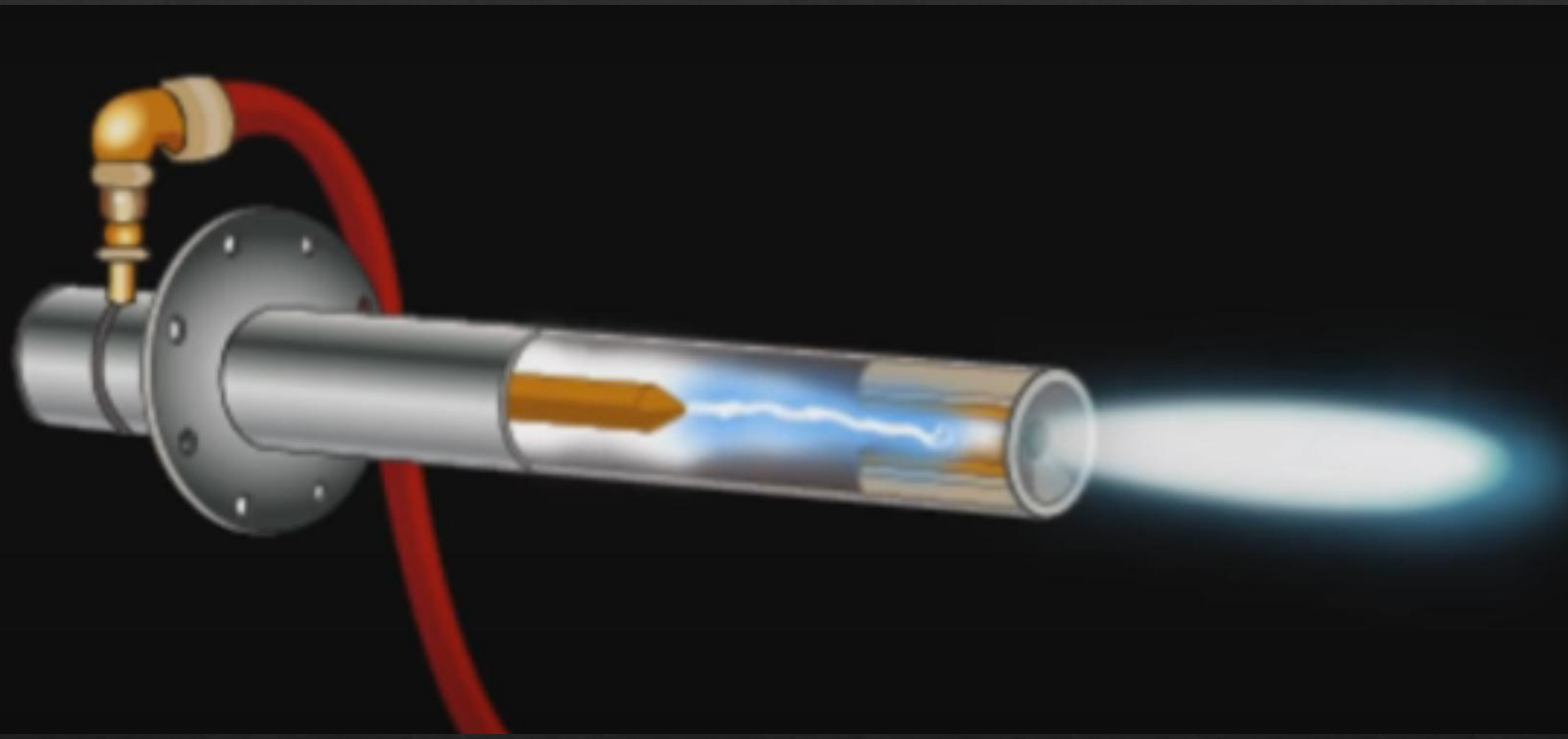
Red Sprites


100,000km
EXOSPHERE
100km
SOLAR
GALACTIC
Aurora Borealis
THERMOSPHERE
85km
Meteor Showers
MESOSPHERE
50km
STRATASPHERE
10km
Mt. Everest
TROPOSPHERE



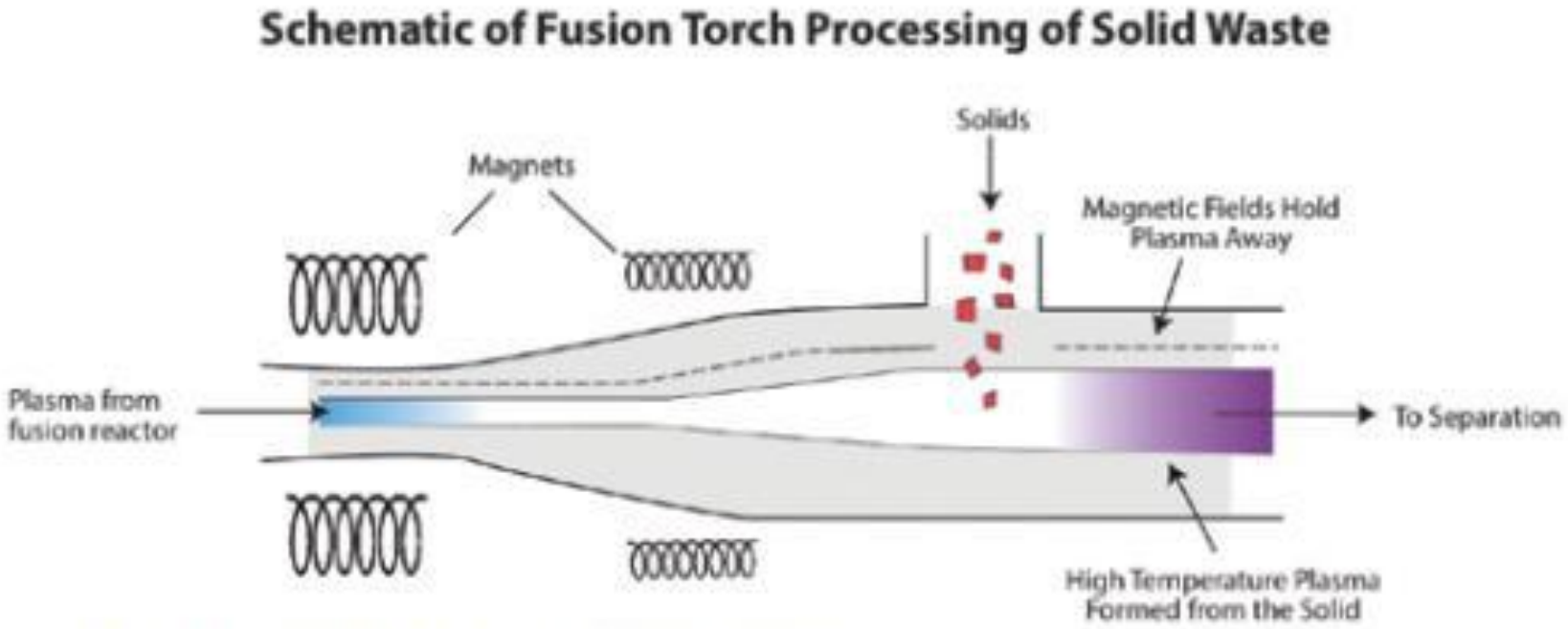
C02 Generators

Turning Landfills into Resource Mines with the Fusion Torch



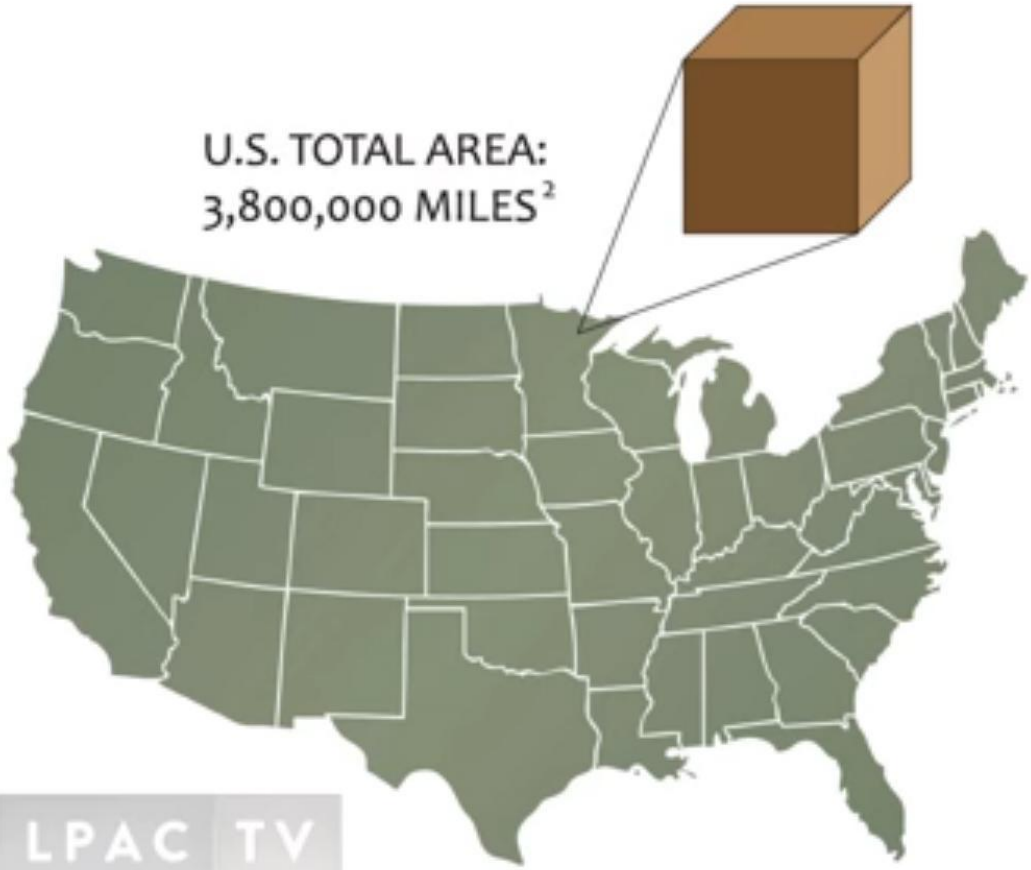
Plasma
Torch

Fusion Torch



Schematic of Fusion Torch Processing of Solid Waste

RESOURCES IN AVERAGE CUBIC MILE OF DIRT



ANNUAL U.S. PRODUCTION

AVERAGE CUBIC MILE OF DIRT

100x

TIN

No More Landfills!

Fusion Economy the Way of the Future: An End to Limited Resources