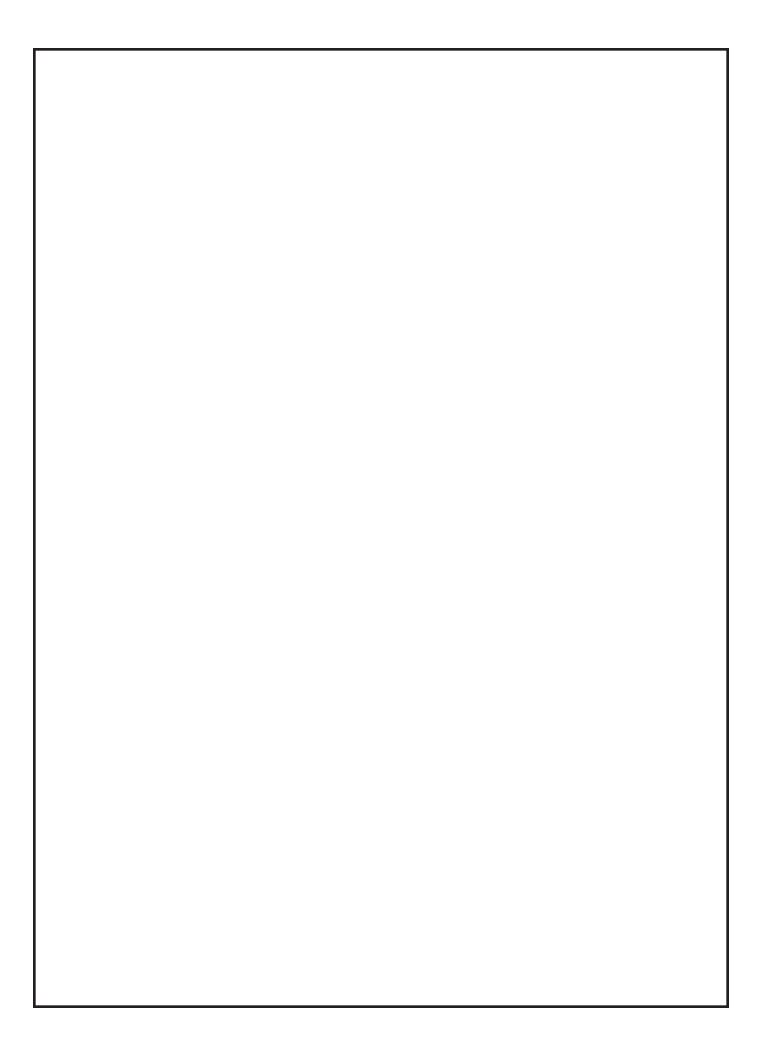
ENVIRONMENTAL FOOD FOR THOUGHT



Reflections
on the
stewardship
of our
environment
to include
man's
relationship
with the use
of land, air,
water and
the sun.

ELIAS I.K. QUIST



The logo of GIES depicts the globe with the sun at the top as the main source of energy. At the center is a man as the number one destroyer of other living things and the environment. Below the man is a shield with an opened book and an academic flame. Outside the bottom of the shield are industries and a vehicle as pollutants.



The Seal of The Global Institute of Environmental Studies features the sun, land, water and air within a symbolic globe. These symbols signify to us the foundation of the eco-system and our lives. Studying the features of the Seal, in detail, leads us into the many realms of living.

For the sake of mankind, men must learn to work and dialogue together for sustainability.

It's not capitalism or imperialism neither it is socialism nor something else with religion or culture and race; but it's schism and greed with ignorance guided by hatred that is the problem in protecting our environment.

Think and think harder
about the earth
you would leave for your children.
It's all about land, air, water
and maybe the sun energy.
Everyone needs them.

— Elias Quist

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INTRODUCTION

It is our pleasure to introduce the Global Institute of Environmental Studies (GIES) to you and your establishment.

We have observed that your firm is one of the most successful businesses in this country and could be instrumental in educating people on protecting our environment, the earth.

The aim of GIES is to promote a simple "protection awareness" in the living quarters of the earth. We are convinced that with your help through billboards, flyers, radio/TV spots and school, the general public could be reached with our essential inspirational messages on saving the earth.

GIES has designed the posters for enlargement to any size. The messages are written in simple English language to stimulate every audience on their daily activities to help with the well being of the earth.

We sincerely hope you make good use of the messages by introducing them to your entire work force. You may re-write or select some of them for display or daily posting in the hallways of your office building or stores for the benefit of everyone. Hold dialogue or discussions and debates about what the messages meant to our environment; and then, talk to other people.

It is therefore our utmost desire to turn your love for business and mankind into a genuinely worthwhile, unique opportunity to help protect and save the environment where you and others live or work.

PREFACE

This manual is designed to supplement courses in environmental studies and interrelated topics. The posters within the manual can be used to provide an environmental focus in a single or general purpose. The manual has been written for use during any occasion such as formal debate or discussion and dialogue sessions. Also, it can be used for homework or exercises in a classroom setting. The contents of the manual have been selected, carefully, to provide a comprehensive dialogue in environmental studies to cover our Land, Air, Water and the Sunlight (LAWS). Nonetheless, most of the posters are useful in other disciplines that deal with natural resources, geography, human behavior or lifestyles and many interdisciplinary courses on global environmental changes. We hope this manual will meet and enhance the mental needs of most students, teachers, and other professionals to encourage dialogue and debate in environmental studies

Learning and Teaching Approaches

Teaching and learning are done best in a hands-on, problem-solving, dialogue and inquiry-based mode. This approach will give everyone the opportunity to think or investigate significant amounts of additional updated materials based on his or her experience, knowledge and conversations with family members, friends and colleagues or classmates.

Expectations

The environment is a dynamic living earth; as a result, we expect everyone living on earth to keep up on current issues about the environment. Many of the subjects in the posters cover personal, local, national, international, values, ethics, moral, lifestyles, and many more. We therefore, expect everyone to use the posters in informal discussions of any kind to seek out useful and additional sources of information when they are used for home or class work. By this, we mean, students will develop skills to learn to dialogue and know that there are many numerous different angles to approach environmental problems as there are no clear-cut solutions when it comes to dealing with humans.

The Importance of the Posters

The aim of the posters in the book is to encourage students' dialogue and learning. Climate change and the degradation of our environment are due to many varieties of factors: consumption, urbanization, population growth, industrialization, transportation, lack of environmental education, careless land use and lifestyles. Through some of the posters, we would think and understand the selfish, ugly human impact on the earth and ecosystems to find solutions to for pollution, sustainable resources, public transports, chemical hazards, sprawling and city planning. This is the reason why we have included a list of sub disciplines (topics) of environmental studies at the end of the booklet.

Format

The posters are arranged in no sequence or of any priority in topics. Nevertheless, they are suitable for any type of discussion and dialogue. They provide an overview of the basics of environmental issues leading to improve understanding in human interaction with the earth's ecosystems. With regards to using the posters for homework, exercise, students could be allowed to work individually, or in teams to make discussions interesting, inclusive and diversified.

The Challenge

Environmental studies must be an ongoing process that must guide us to survive on earth as we make right choices to protect and conserve the natural resources as a result of our human activities. We therefore believe that the posters in this manual will help everyone develop a brand new sense of understanding and responsibility towards the ecosystems. As we think about global environmental assessment, impact prevention, consumption, supply and demand, comments on these posters can be used as hand-in assignments in schools or basis for formulating essay topics.

Acknowledgments

We thank everyone who has helped us in the development of this manual as many of the posters are based on interviews and discussions we had with people. We sincerely appreciate their candid openness and we are also indebted to them for their time, criticisms, advice, suggestions and corrections. Finally, we are grateful and thank our families for their adamant support throughout the compilation of this manual.

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The "DAILY ENVIRONMENTAL FOOD FOR THOUGHT"

The connections between the environment and humans are very important to all of us; and, this is of no coincidence to our survival. Global Warming or Climate Change has prompted the compilation of the "Daily Environmental Food for Thought."

Over the years, to compile these thoughts, Elias Quist, founder of the Global Institute of Environmental Studies, (GIES) interviewed many ordinary people, held discussions with students, met with teachers, politicians and many scholars of diverse disciplines who have good or better knowledge about land, air, water, sunlight and our ecosystems.

The booklet is a collection of sayings or thoughts that could be turned into postcards, posters, greeting cards, or anything that could help disseminate some needed environmental education. It is also interesting to mention that these thoughts are nothing new. You might have heard them before and this is a reminder for helping the earth rejuvenate.

The contents of the booklet are not arranged into sections or sequence as seen in our acronym, "LAWS" (Land, Air, Water, Sunlight); but, put in order randomly, to portray the multi complex relationships we have with our eco-systems. Most people find it difficult to understand what climate change is all about. They are innocently ignorant of the facts and fail to visualize the problems the earth and the people of the world will have sooner or later.

It is therefore our hope that with these soul-searching reflections, man will have an insight into his everyday lifestyle to reduce the degradation impact on the earth.

Thanks for your time and attention.

William Adjaho

Vice-President, GIES

Go GREEN FOR THE EARTH

PLANT A TREE

IF YOU LOVE YOUR COUNTRY



Join us in Environmental Education...

All designed to help protect the Earth and Ourselves.

Invitation

BILLBOARD EDUCATION PROJECT

You are invited to support or sponsor a billboard in the city of Chicago to help with public awareness in environmental education as a means of fighting global warming.

It is our belief, at GIES, that through a well organized public environmental education, at all fronts, man can deal with climate change unless we are not the cause. Over the years, we have been uneducated about the facts, but now, most of us know how seriously the earth is sick. We have seen floods or severe droughts with uncontrolled population growth all over the world. I will guess that without your support, sooner or later, nature with everything will perish.

Imagine the impact environmental education will have on everybody if we can put up a few hundred billboards all over the city of Chicago and worldwide, reminding our children of our responsibilities in keeping a safe and healthy environment. In sponsoring a billboard, you will help make our city a better "classroom" and a more congenial place for tourists and visitors to talk about as a unique environmental educational method.

Through extensive surveys and field investigations, researchers stated that these billboards would convey to the public short and accurate messages of inspiration when placed at strategic places within the city and its environs. The distinctive billboards may be reasonable in cost and will last longer than flyers, Radio/TV spots and newspaper ads.

We hope that when you read through our "Daily Environmental Food for thought" you will realize what GIES means by an education that will touch responsive chords in the people we need and are supposed to serve as well.

Pretend as if the below sample billboard stands at the entrance of a recreation park where a lot of visitors pass every now and then. Do you imagine the impact on the public?

Sample of Billboard

Yesterday was beautiful But burnt out and gone. Today is burning and vanishing. What are we doing right Or wrong about tomorrow?

Sponsored by: (Company name or Logo) Your Name

Promoter: Global Institute of Environmental Studies (GIES) Please, read our messages and make your choice. Remember that you are not the only one who is being asked to sponsor the billboard education; so, do not keep yourself out. Join us and be part of the first educators to prove that you are concerned about your city.

The billboard of 5 X 10 feet in size, or a standard size, will bear your name/logo/trade mark/family name as the sponsor and our name as the promoter (see example above). You would have to identify the location where to place the billboard or leave the location selection with the city corporation. The most important part of the whole idea is not the publicity of your company but how serious your firm is about doing something positive about global warming. It is also good to come up with your own message; and remember to carry our name too (GIES), provided you do not say anything contrary to our teachings and then notify our office.

The billboard education is a serious venture of our institute. We beg to mention that we need your assistance, now, to promote our vital and needed environmental education campaign globally to reduce global warming. GIES has many ideas and is ready to tell people what climate change is all about. This project is to cover other cities in the world and most importantly, the developing countries that must be taught conservation and protection of the environment. We are all living in one world. Whatever affects the oceans and the forests of poor nations also affects the great US, Europe, China and every continent.

Our interest is to educate the public and the world. We invite you to go ahead and contact a printer of billboards and do your best; or call on us and we can help you.

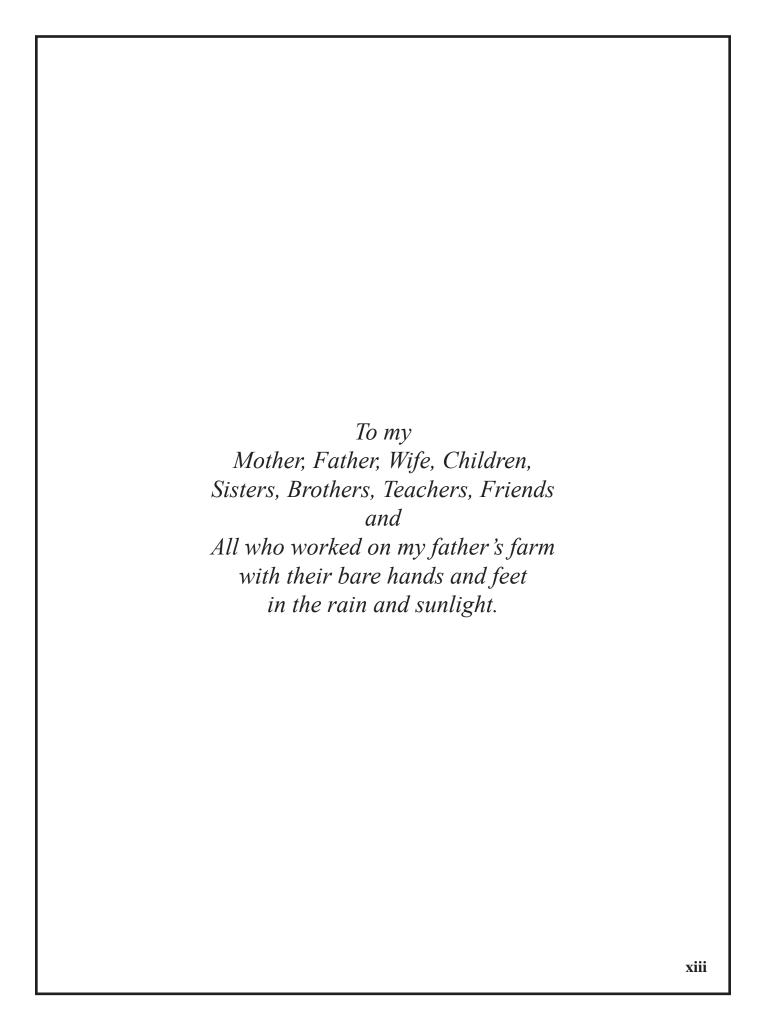
On the other hand, if for any reason, you cannot sponsor a billboard, we would be very appreciative, if you would send GIES any contribution, whatsoever, to cover some of our expenses for other instructional material. Any donation will help greatly towards our 2008 seminar in Western Africa. Your participation is tax-deductible, 501(c)(3).

We hope to hear from you favorably as we shall depend on your kindness to educate the world on global warming.

Respectfully Submitted,

Regards.

E.Quist President, GIES



ELECT AND SUPPORT
REPRESENTATIVES WHO
GIVE HIGH PRIORITY TO
THE WELL BEING OF
THE EARTH.

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ONE
YARD OF CLOTH
CAN MAKE A NICE BIG
STRING-SHOPPING BAG.
JUST WASH AND RE-USE IT.

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1

2

AVOID PRODUCTS

PACKED IN PLASTICS

FOAMS (CFSs). SUCH

PRODUCTS HARM THE

OZONE LAYER.

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AVOID THE USE OF
"DISPOSABLE" ITEMS.
BUY THINGS THAT YOU
CAN USE AND RE-USE.

DON'T LITTER. PICK UP
PLASTIC RINGS AND
OTHER ITEMS THAT CAN
TRAP ANIMALS, BIRDS,
FISH AND OTHER SEA
CREATURES.

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5

ABOUT 40% OF WHAT
IS THROWN AWAY IS
RE-USEABLE OR
RECYCLABLE.

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6

AMERICA GENERATES

MORE GARBAGE THAN

ANY OTHER NATION

ON EARTH.

BE MINDFUL OF WHAT

YOU BUY OR USE.

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7

AVOID SENDING
YOUR YARD WASTE
TO THE LANDFILL.

AVOID USING POWER-CHAIN

SAWS AND BULLDOZERS

IN THE TROPICAL FORESTS.

PLANT TREES

TO PREVENT

SOIL EROSION.

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TURN OFF ALL LIGHTS

EVERYWHERE WHEN

NOT IN USE.

BUY EGGS AND MILK IN
RECYCLED PLASTIC TO
SAVE TREES.

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INSTEAD OF
MOTHBALLS.

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DEAD LEAVES AND
YARD WASTE MAKE
GOOD COMPOST;
DON'T ADD CHEMICALS.

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USE PUBLIC
TRANSPORTATION
AS OFTEN AS POSSIBLE.

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IT'S BETTER TO

AIR-DRY LAUNDRY

WHEN IT IS POSSIBLE.

AVOID USING LAUNDRY

MACHINES.

USE RAGS, SPONGES, BRUSHES
AND CLOTH NAPKINS
INSTEAD OF PAPER TOWELS.

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ENVIRONMENTAL PROTECTION IS BASED ON:

TIME

MONEY

DIALOGUE

EDUCATION

FACILITATION

INFORMATION

PARTICIPATION

UNDERSTANDING

COMMUNICATION

RECONCILIATION

And in fact EVERYTHING we do

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17 18

USE HAND-OPERATED
TOOLS AND APPLIANCES
AND SAVE ELECTRICITY.

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PRODUCE FROM LOCAL
FARM MARKETS.

CARS WITH TINTED
GLASS ARE FRIENDLIER
TO THE ENVIRONMENT
THAN CARS WITH
AIR CONDITIONING.

STORE WHERE YOU BOUGHT
THEM. DON'T SEND THEM TO
LAND FILLS.

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22

WATER POLLUTION DOES
SERIOUS DAMAGE TO THE
ECONOMY AND TOURISM
OF ANY COUNTRY.

WATER IS EXPENSIVE.

REPAIR ALL DRIPS AND LEAKS

AS SOON AS THEY OCCUR.

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DYED PAPER PRODUCTS

POLLUTE. BUY WHITE PAPER

TISSUES, NAPKINS AND

TOWELS.

USE A BIKE OR WALK SHORT
DISTANCES INSTEAD OF
USING CARS.

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25 26

CAR TIRES INFLATED TO
THE PROPER PRESSURE
IMPROVE FUEL ECONOMY.

EFFICIENT
APPLIANCES.

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USE
RECHARGEABLE
BATTERIES.

CONSERVATION GROUPS
OF YOUR CHOICE.

JOIN AND SUPPORT

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30

ALL ENVIRONMENTAL

DISASTERS BRING

PAIN, LEARNING,

EMPATHY, TOLERANCE,

FRIENDSHIP, FAMILY REUNION,

COMPASSION AND INTERNMENT.

CHANGES IN LIFESTYLES,

RECONSTRUCTIONS AND

RELOCATIONS FOLLOW.

DIALOGUE:

CAN YOU BECOME A REFUGEE IN YOUR OWN COUNTRY?

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ORGANIC GARDENS PROVIDE

LESS CONTAMINATED

PRODUCTS.

USE BAKING SODA OR
VINEGAR AND WATER
AS A CLEANER; IT IS
SAFER THAN USING
AMMONIA-BASED
CLEANERS.

FIND WAYS AND MEANS
TO AVOID ENERGY WASTE IN
YOUR HOMES AND OFFICES.

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33 34

EDUCATE YOUR FAMILY,
NEIGHBORS AND FRIENDS
ABOUT THE IMPORTANCE
OF THE ECO-SYSTEMS
AND OUR LIVES.

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ENVIRONMENTAL EDUCATION

MUST PRECEDE ANY OTHER

EDUCATION.

WHAT CAN WE DO WITHOUT

WATER AND AIR?

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NATURAL FLOWER SCENTS

ARE BETTER AND REMAIN

FOREVER LONGER. THEY

ARE ENJOYED BY FLIES,

BIRDS AND ATTRACT A

LOT MORE ANIMALS.

THINKING AND LISTENING ARE
INVISIBLE PERFORMANCES.
THEY ARE GOOD FOR
YOUR SUCCESS.

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WE DON'T LEARN ALL WE KNOW
FROM OTHERS. SOMETIMES,
OUR REACTION IS WHAT
OUR ENVIRONMENT IS.

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PAY MORE ATTENTION TO YOUR ENVIRONMENT THAN YOU DID YESTERDAY; BE THOUGHTFUL ABOUT THE QUALITY OF THE AIR, WATER AND THE FOOD YOU EAT.

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DON'T WASTE YOUR TIME
WITH WRINKLES.
THEY ARE REFLECTIONS
OF WISDOM.

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FACIAL WRINKLES ARE A
REALITY. WHAT YOU THINK
THEY ARE, IS REALLY NOT
WHAT MATTERS. YOU'LL DIE
WITH THEM. RATHER, WATER
AND PADDING THEM WITH
SHEA BUTTER MUST BE
YOUR TROUBLE.

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41 42

REMEMBER YOUR PAST
MISTAKES AND OBSTACLES
TO BUILD YOUR FUTURE
WITH PERSEVERENCE,
SIMPLICITY AND PATIENCE.

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ENVIRONMENTAL PROBLEMS,

MISTAKES AND OBSTACLES

VANISH ONCE THEY ARE

SOLVED BUT REAPPEAR

IN FUTURE. THEY ARE

LIKE TULIPS.

KEEP LIFE SIMPLE

YOUR NEEDS ARE:

- SOLAR ENERGY
- CLEAN WATER
- ORGANIC FOOD
- FRESH AIR
- WALKING
- LOVE / FORGIVENESS
- A GOOD NIGHT'S SLEEP

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THE BASIC PRIORITY IN

ENVIRONMENTAL PROTECTION

IS TO ESTABLISH A SOUND

GOVERNMENTAL AUTHORITY,

PROVIDE JUSTICE, PROTECT

HUMAN RIGHTS AND FIND

BASIC NEEDS FOR SHELTER

AND FOOD.

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46

BIRDS, INSECTS, ANIMALS

AND OTHER VANISHING

SPECIES ARE IMPORTANT

TO OUR ECO- SYSTEMS.

THEY CROSS- POLLINATE PLANTS

AND HELP DISPERSE SEEDS

FOR FOOD REPRODUCTION

CIRCLES.

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YESTERDAY WAS
BEAUTIFUL BUT
BURNED OUT.

TODAY IS BURNING AND VANISHING.

WHAT ARE WE DOING
WRONG OR RIGHT
FOR TOMORROW?

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OF ALL OUR INVENTIONS AND CREATIONS OF GOD, THE MOST VALUABLE ONE **IS THE ENVIRONMENT** (LAND, AIR, WATER, AND **SUNLIGHT.) NOTHING GROWS** WITHOUT THEM.

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49

IN THE LONG RUN, WE **ONLY REAP WHAT WE SOW; WHEN THERE IS NO** MORE LAND, AIR, WATER, WE REAP NOTHING.

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THE REAL PURPOSE OF **ENVIRONMENTAL EDUCATION** IS TO GET YOU AND EVERYONE THINKING ABOUT OUR **SURVIVAL ON EARTH.**

ARE YOU THINKING?

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50

BE KIND TO THE EARTH

- * RECYCLE
- * RE-USE
- * REFUSE
- * REDUCE

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PLEASE,
GO GREEN FOR THE EARTH;
PLANT A TREE IF YOU LOVE
YOUR COUNTRY.

THE ENVIRONMENT WILL TAKE

CARE OF ITSELF IF WE CAN

CONTROL WORLD POPULATION

GROWTH; AND, WE SHALL ALL

HAVE JOBS.

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NOTHING IS WORTH MORE THAN OUR "LAWS"

- * LAND
- * AIR
- * WATER
- * SUN

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PROVE BETTER SUBSIDIES

MANUFACTURERS AND PRODUCT
SERVICE CENTRES MUST TAKE BACK
WASTE FROM WHAT THEY PRODUCE
AND SELL.

RESPONSIBILITY

ACCOUNTABILITY

TRANSPARENCY

ARE GOOD FOR THE ENVIRONMENT.

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WAYS TO DEAL WITH SOLID WASTE

RECYCLE AND COMPOST AS MUCH WASTE AS YOU CAN.

REDUCE WASTE BY PREVENTING AND CREATING LESS.

TREAT AS MUCH TO REDUCE WASTE VOLUME.

LANDFILL MUST NOT BE THE LAST OPTION.

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UNTREATED SEWAGE CAUSES
WATER POLLUTION.

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WASTES FROM FACTORIES
AND PETROLEUM REFINERIES
WHEN DUMPED INTO SEWAGE
SYSTEMS OR RIVERS AND
OCEANS ALSO KILL OUR
ECO-SYSTEMS.

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NEVER POUR OIL

AND GASOLINE INTO

ANY SEWER SYSTEM.

WATER IS THE MOST CRITICAL ISSUE FACING THE WORLD TODAY.

- WE DRINK IT AND USE IT
- FOR OUR BODY HYGIENE.
- AGRICULTURE AND FOOD PROCESSING.
- MUNICIPAL USES
- NO WATER NO FLOWERS
- NO SEA TRANSPORTATION.

Prediction:

Sooner or later a gallon of water will cost more than a gallon of gasoline.

Would you take a shower or bath?

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61

THE SUN SHINES FOR
EVERYBODY AND NO
ONE OWNS IT.
NO NATION ACTING ALONE
CAN AVOID OR ENFORCE
CLIMATE CHANGE.

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62

ONE WORLD, ONE ENVIRONMENT

A COMMUNITY THAT THINKS

ABOUT ITS DEVELOPMENT

MUST PAY CAREFUL

ATTENTION TO THE ISSUES

THAT CONNECT THE LOCAL

AND REGIONAL WITH

THE GLOBAL.

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ENVIRONMENTAL PROBLEMS
HAVE NO BORDERS. THEY
HAVE NO NEEDS FOR
PASSPORTS AND VISAS.
THE WORLD IS LINKED
TOGETHER BY THE WINDS
AND THE OCEANS.

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GLOBALIZATION AND TRANSPARENCY

THE INEQUALITIES AND

IMBALANCES OF POWER OR

CORRUPTION AMONG GREAT,

WEALTHY NATIONS AND POOR COUNTRIES

VIRTUALLY MUST ENCOURAGE DIALOGUE

OR NEGOTIATION IN CONFLICTS,

EXTRACTION, PROCESSING, TRADE,

CURRENCY, PRODUCTS, IMMIGRATION

AND DISPOSAL OF INDUSTRIAL WASTES.

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THE TRANSITION TO SOLAR ENERGY MUST START NOW, AT THE LEVEL OF SCHOOLS, CHURCHES, HOUSEHOLDS IN EVERY NATION.

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SUSTAINABLE GLOBAL ENVIRONMENT

IF WE ARE TO SUCCEED IN BUILDING A GLOBAL SUSTAINABLE WORLD, POLITICIANS MUST DO WHAT THEY HAVE BEEN UNABLE OR UNWILLING TO DO.

- * PROMOTE GLOBAL ENVIRONMENTAL EDUCATION.
- * REMOVE MOST TRADE BARRIERS.
- * STOP ARM SUPPLIES TO DEVELOPING COUNTRIES.
- * COME UP WITH FAIR TRADE POLICIES AND A SINGLE GLOBAL-CURRENCY FOR THE WORLD.

Do you know how many people were killed in Ivory Coast, recently, as a result of Toxic-Waste (DUMP)?

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66

COMMUNITY LEADERS: BE
RESPONSIBLE AND MINDFUL
ABOUT THE GARBAGE YOUR
COMMUNITIES CREATE.

LIFE GOES ON, BUT NOT IN
THE ABSENCE OF AIR AND
WATER. YOU CAN GIVE UP
EVERYTHING BUT NOT AIR
AND WATER.

THE SPIRIT OF LIVING
FLOURISHES AROUND LAND,
AIR, WATER, AND THE SUNLIGHT.

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HAPPINESS COMES FROM LAND,
AIR, WATER AND SUNLIGHT.
OR ELSE, YOU ARE NOT LIVING
ON EARTH.

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OUR SOUL AND MIND LIVE
IN WATER. 75% OF OUR
BODY IS WATER.

WE INHERITED LAND, AIR,
WATER AND SUNLIGHT.
WHY DESTROY THEM NOW?
CHANGE YOUR LIFESTYLES.

THE SUNLIGHT IS THE BEST

EFFECTIVE DISINFECTANT

IN THE WORLD.

MAKE GOOD USE OF IT.

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WITH SOLAR ENERGY, NO
ONE DESERVES SPECIAL
TREATMENT; IT SHINES FOR
THE WHOLE WORLD.
USE AS MUCH AS YOU CAN.

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WHEN OUR ENVIRONMENT
IS SICK AND VANISHING,
OUR VALUES, CULTURES
AND LIFESTYLES ARE
INCREASINGLY ERODING.

CLIMATE CHANGE

COULD BE THE FINISHING

STROKE TRIGGERING

WORLDWIDE EXTINCTION OF

SPECIES SIMILAR OR CLOSE TO

THAT OF 65 MILLION YEARS AGO

WHEN AN ASTEROID STRUCK

THE EARTH.

DIALOGUE:

Can humans become extinct like the dinosaurs?

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UP MORE THAN HALF OF THE PLANET'S LANDS.

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TO STIMULATE ECONOMIC

DEVELOPMENT, PROTECT JOBS,

ENHANCE NATIONAL SECURITY,

HELP THE POOR AND IMPROVE

OUR ENVIRONMENT.

DIALOGUE:

In practice, do subsidies always work for the environment?

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TRANSFER OF GRAZING RIGHTS

FROM TRADITIONAL POOR

OWNERS TO COMMERCIAL

INTERESTS INCREASES TAXES

ON INVESTMENT, WORK AND

GLOBAL CONSUMPTION.

DIALOGUE:

Is the above practice good or bad for the environment?

SUBSIDY RECIPIENTS MAY BECOME SKILLFUL IN REGISTERING REFORMS, **EXPLOITING POLITICAL INFLUENCE, ADEPT AT NEPOTISM AND CORRUPTION.**

DIALOGUE:

Are subsidies and campaign contributions designed for kick backs (bribes). Do they help or degrade the environment?

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DO SUBSIDIES PROMOTE AND **CONTRIBUTE TO PROBLEMS** RANGING FROM LAND, AIR, **WATER POLLUTION TO DEFORESTATION?**

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JAPAN, GERMANY, AND MANY **INDUSTRIAL COUNTRIES SUBSIDIZE LOCAL COAL** PRODUCTION, WHICH POLLUTES THE ENVIRONMENT; BUT, DO **BENEFITS OFTEN END UP IN INVESTORS' POCKETS?**

DIALOGUE:

What do the environment and taxpayers get from government subsidies?

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- ARE SUBSIDIES INEFFECTIVE, **INEFFICIENT, OBSOLETE AND SELF-DEFEATING?**
- DO GOVERNMENTS NEED NEW **COMPREHENSIVE REFORMS TO MAKE** SUBSIDIES COST EFFECTIVE?
- DO WE VOTE FOR TAX CUTS TO **ENCOURAGE OWNERSHIP OF OUR ENVIRONMENT?**
- DO WE SHIFT FROM MASS PRODUCTION TO LABOR INTENSIVE INDUSTRIES?

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DID THE IDAHO BILLIONAIRE,

J.R. SIMPLOT, BUILD HIS FORTUNE

BY USING SUBSIDIZED WATER

FROM THE COLUMBIA RIVER TO

TURN ARID LANDS INTO HUGE

POTATO PLANTATIONS WHICH

SUPPLY FIRMS LIKE

MC DONALD'S?

DIALOGUE:

Can you do the cost benefits analyses?

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SUBSIDY

ANY MONETARY GRANT THAT
IS CONTRIBUTED BY A STATE
TO KEEP PRICES AT DESIRED
LEVEL. IT ULTIMATELY COMES
FROM CONSUMERS AND OUT OF
THE POCKETS OF TAX PAYERS.

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POLLUTION DOES NOT
DISCRIMINATE. NEW POLICIES
ARE HONESTLY NEEDED TO LEVEL
THE ECONOMIC ENVIRONMENTAL
PLAYING FIELD OF CONSUMPTION
AND PRODUCTION.

DIALOGUE:

Acid rain or smog harms other people's property and their health.

Governments must protect the environment, be indispensable to the unborn and posterity.

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WATER, WHEN SHARED WITH
OTHERS, INCREASES
FRIENDSHIP AND LOVE.
GASOLINE, WHEN SHARED WITH
THE WORLD, POLLUTES AND
BRINGS WARS.

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IN THE SAHEL REGION,
SUB-SAHARA, DROUGHT IS
OFTEN ONLY ONE SEASON
AWAY FROM STARVATION.

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IS IN THE SUPPLY OF WATER;

AND ONLY THE TEST OF THE

WATER-HOSE MAKES THE

FIREMAN STRONG, BRAVE

AND A HERO.

WHO IS HE WITHOUT WATER?

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MUST PROTECTION OF NATURE,

RESOURCE USE,

JOB PROTECTION,

SOCIAL CONCERNS,

PROFIT GENERATION,

ELECTIONS AND VOTES,

AND CORRUPTION

BE CONSIDERED

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ETHICAL OR LEGAL?

THE GLOBAL POPULATION IS
OUR PROBLEM.
WHAT MAY BE SEEN, INITIALLY,
AS ISOLATED OR UNRELATED
ARE REALLY INTERTWINED
IN A WAY THAT AFFECT THE

WHOLE WORLD.

DIALOGUE:

Do air pollutants produced in European factories drift across borders into Africa? Is there the same problem between the United States and Canada?

THE ENVIRONMENT AND INTERDISCIPLINARY AREAS OF DIALOGUE

.LAWS

.POLITICS .BIOLOGY

.SOCIOLOGY .ECONOMICS

.AGRICULTURE .CHEMISTRY

.PHYSICS .PHILOSOPHY

.COMPUTERS .ENGINEERING

.EARTH SCIENCE

ENVIRONMENTAL STUDIES WITH EARTH
SCIENCES INVOLVE EVERYTHING WE DO
IN OUR COMMUNITIES. EVERY ONE OF US
NEEDS LAND, AIR, WATER, AND SUNLIGHT.

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SUNLIGHT AFFECTS WEATHER,

WEATHER REACTS ON PLANTS,

PLANTS FEED PEOPLE AND ANIMALS,

ANIMALS SPREAD SEEDS,

SEEDS GROW INTO TREES (PLANTS),

TREES EVAPORATE WATER,

WATER FALLS BACK AS RAIN,

WHILE HUMAN ACTIVITIES AFFECT

OUR ENVIRONMENT.

DIALOGUE:

What is the most useful Source of energy?

- A. Sunlight or man made energy?
- B. What has technology contributed to our environment?

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HUMANS MUST BE HELD

ACCOUNTABLE FOR THE DAMAGE

THEY CAUSE TO THE EARTH.

WHEN WE HURT OR HARM OTHER

PEOPLE AND THEIR BELONGINGS

THE LAW HOLDS US RESPONSIBLE.

DIALOGUE:

Is it for the manufacturer or the consumer to clean the environment?

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IT MAKES NO GOOD SENSE

FOR THE COMMUNITIES OR TAX

PAYERS TO SUBSIDIZE THE

POLLUTER. UNTIL WE STOP

PAYING THE POLLUTER,

THE ENVIRONMENT

WILL NOT HEAL.

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FUEL COME FROM LOCAL
HOMEGROWN INGREDIENTS
LIKE SUGAR, CORN, WHEAT?
THAT COULD LOWER GREENHOUSE
GAS EMISSIONS AND REDUCE OUR
DEPENDENCY ON FOREIGN OIL.

DIALOGUE:

Will fuel from sugar, corn, wheat improve world agriculture markets?

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IF YOU THINK YOU CAN LIVE
WITHOUT WATER, GO AHEAD
AND MOVE TO THE
MOON OR MARS.

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SAVING WATER WON'T MATTER
TODAY, SINCE WE HAVE IT IN
ABUNDANCE; BUT WILL IT
ALWAYS BE AVAILABLE FOR
US TOMORROW?

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TROPICAL RAINFOREST

DESTRUCTION IS AN

ENVIRONMENTAL SETBACK.

THE VALDEZ OIL SPILL AND

GENOCIDE IN WARS ARE

ENVIRONMENTAL TRAGEDIES.

ENDANGERED SPECIES AND

HUMAN ACTIVITIES ARE THE

ECOLOGICAL PLIGHT OF GREAT

IGNORANCE AND LOSS.

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WHAT IS THE DIALOGUE? (COMPLEX ISSUES)

I TALK ABOUT HARVESTING LUMBER AND

FUEL WOOD. MY BROTHER CALLED IT

DESTRUCTION OF WILDLIFE WITH

FORESTS; BUT FOR MY SISTER, IT IS A

MATTER OF FINDING FOOD AND SURVIVAL.

SHE DOESN'T CARE ABOUT THE SPOTTED

OWLS, ACID RAIN, SPORTS UTILITY VEHICLES,

SUSTAINABILITY OR ENVIRONMENTAL

PROTECTION. "LIVE FAST AND DIE YOUNG."

IS HER MOTTO.

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THE ENVIRONMENTAL WORLD
STARTS FROM MY IMMEDIATE
SURROUNDINGS: HOUSE,
SCHOOL, CHURCH,
TOWN, NEIGHBORHOOD,
COMMUNITY, REGION,
STATE.

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DIALOGUE AND NOT MONOLOGUE

TO PERCEIVE, PROTECT AND CURTAIL
THE WIDESPREAD IGNORANCE AND
ILLITERACY WE HAVE ABOUT NATURAL
RESOURCES, THE WORLD NEEDS A
TRANSFORMATION OF SCHOOLS TO
EDUCATE FUTURE CITIZENS ABOUT
A NEW DEMOCRACY REFLECTING
FORUMS FOR ENVIRONMENTAL
EDUCATION.

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LAND, AIR, WATER AND
SUNLIGHT MANIFEST THE
PRECARIOUS SITUATION
BETWEEN ECONOMIC
DEVELOPMENT AND
NATURAL RESOURCES.
ECONOMIC ASPECTS MUST NOT
PUT TREMENDOUS PRESSURES
ON NATURAL RESOURCES'
SUSTAINABILITY.

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IF YOUR BEHAVIOR AND
LIFESTYLES HURT OR AFFECT
OTHERS AND THE ENVIRONMENT,
PLEASE, ADJUST YOUR ATTITUDE
AND MAKE ENVIRONMENTAL
EDUCATION A PUBLIC AFFAIR.

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ONLY WE OURSELVES SHOULD

BE RESPONSIBLE FOR THE

PROBLEMS OF OUR

ENVIRONMENT. LET'S FOCUS

OUR ENERGY ON LAND, FRESH

AIR, CLEAN WATER, JUSTICE

AND HUMAN RIGHTS.

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WORK WITH OTHERS, ATTEND
LOCAL COMMUNITY MEETINGS.

TALK TO GOVERNMENT
OFFICIALS ABOUT OUR
SCHOOLS, STREETS,
PLAYGROUNDS, LIBRARIES,
SOCIAL ISSUES, AND DO NOT
BE MEAN OR SELFISH.

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BE ACTIVE IN YOUR
GOVERNMENT, VOTE. DISCUSS
ENVIRONMENTAL EDUCATION
WITH POSITIVE APPROACHES.
INVITE PROFESSIONALS, PUBLIC
OFFICIALS, BUSINESSMEN,
EDUCATORS TO INITIATE
ACTION PROGRAMS ABOUT
POLLUTION PREVENTION
IN YOUR COMMUNITIES.

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HOLD DISCUSSIONS AND LEARN MORE ABOUT:

-BIOLOGY
-GEOGRAPHY
-GLOBAL WARMING
-RIVERS/ LAKES/ OCEANS
-ENVIRONMENTAL PROBLEMS
-LOCAL AND INTERNATIONAL
POLLUTION.

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AVOID INTIMIDATION,
DISCOURAGEMENT AND
RUDENESS. STATE THE FACTS
AND BE POSITIVE ABOUT THE
"DIALOGUE" OF THE WORLD
ENVIRONMENT. NO ONE
KNOWS EVERYTHING ABOUT
OUR ENVIRONMENT.

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IN DESPAIR, BUT YOU MUST
SEE SMALL VICTORY OR BIG
SUCCESS WHEN YOU TALK
ABOUT LAND, AIR, WATER
AND THE SUNLIGHT.

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"OLD HABITS DIE HARD"

STRIVE TO IMPROVE THINGS
BETTER THAN YOU FIND THEM.
CLEAN PUBLIC PLACES, RECYCLE
EVERYTHING IF POSSIBLE.
AVOID PAPER, WATER, OIL,
ELECTRICITY, FOOD AND OTHER
WASTES. MAKE BOLD MOVES AND
TAKE CONTROL OF POLLUTION
PREVENTION IN YOUR
NEIGHBORHOOD.

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AVOID WARS. USE DIALOGUE.

GUNS AND GUNPOWDER

ARE LIKE LEAD IN PAINTS.

THEY ARE DANGEROUS.

THEY PRODUCE NOISE AND

POLLUTE THE EARTH.

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WHEN BOATING, AVOID
EMPTYING OIL TANKS INTO
RIVERS/ LAKES/ OCEANS.
USE A HOLDING TANK.

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IN HANDLING WATER,
BEWARE OF:

- -INDUSTRIAL DISCHARGE
- -MUNICIPAL SEWAGE
- -FACTORY AND THERMAL
 DISCHARGE FROM POWER
 PLANTS.
- -NUCLEAR WASTES.

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EVERY COMPANY HAS INTERNAL RULES

AND REGULATIONS FOR ITS BUSINESS

PRACTICES. WHAT ARE YOUR

ENVIRONMENTAL PRINCIPLES WITH:

- -CARDBOARD.
- -OFFICE PAPER.
- -ALUMINIUM.
- -WIRE CATRIGDE (CAN).
- -MOTION SENSOR LIGHT CONTROL.
- -PAPER TOWELS OR HANDKERCHIEVES.
- -PORCELAIN OR PLASTIC AND PAPER CUPS?

PLEASE RECYCLE EVERYTHING.

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THINK GLOBALLY AND ACT
LOCALLY. A SINGLE TREE DOES
NOT MAKE A FOREST, NEITHER A
SINGLE NATION LIVES BY ITSELF.

AVOID WARS, MAKE FRIENDS.

YOUR COUNTRY NEEDS OTHER

COUNTRIES TO PROMOTE

ENVIRONMENTAL

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PROTECTION.

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GOOD WAY TO TEACH
ENVIRONMENTAL EDUCATION.

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THERE IS NO SUCH THING AS

BAD OR GOOD WEATHER.

MAN HAS NO CONTROL OF THE

WEATHER SO, TAKE WHATEVER

GOD SENDS AND MAKE THE

BEST OUT OF IT.

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WHAT IS MORE IMPORTANT AND GOOD FOR THE ENVIRONMENT?

- DIALOGUE / WAR.
- SOLAR ENERGY / FOSSIL FUEL.
- DOING GOOD / LOOKING GOOD.
- GUNBOAT DIPLOMACY / ORANGE
 JUICE AND
 COFFEE
 DIPLOMACY.
- REGIME CHANGE / FREE AND FAIR DEMOCRATIC ELECTION.

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DON'T BLAME THE WEATHER

FOR YOUR FAILURES. THERE

IS ALWAYS ANOTHER

TOMORROW.

CHANGE YOUR PLANS AND

WAIT FOR GOD'S TIME.

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BE PATIENT, FLEXIBLE AND

SURE. THE WEATHER

DETERMINES YOUR MOTIONS,

NOT POLITICIANS.

WHAT CAN YOU DO IN A

FLOOD OR DROUGHT?

PERHAPS, MOVE TO A

DIALOGUE:

Why do people migrate?

- -Political reasons.
- -Economic benefits.
- -Natural disasters.

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BETTER PLACE.

WHO HAS TRAVELED THROUGH

LIFE WITHOUT SUNLIGHT,

AIR AND WATER?

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NOWADAYS, SUNLIGHT AND
AIR ARE FREE FOR US, BUT
NOT LAND AND WATER.
DO YOU FORSEE ANY TAX
ON AIR AND SUNLIGHT
IN YOUR LIFETIME?

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OUR NEEDS ARE DIFFERENT
FROM WHAT WE WANT.
WE NEED LAND, AIR,
WATER AND SUNLIGHT.
YOU MAY WANT A TV SET,
RADIO OR A SPORT
UTILITY VEHICLE.

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PART OF THE EARTH AND
RE-DEFINES THINGS,
GIVES THEM NEW NAMES.
WHAT WILL BE YOUR LEGACY?
GENETICALLY ALTERED CROPS
OR SPACE CRAFTS SPEWING
UP TONS OF SMOKE
INTO THE ATMOSPHERE.

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VOLUNTARILY, SUNLIGHT
COMES FROM ABOVE (SKY).

CONTRARILY, FOSSIL FUEL
IS FORCED OUT OF THE
GROUND BY HUMANS.

THE DIFFERENCE BETWEEN
THE TWO PROCEDURES IS
GLOBALWARMING WILL LEAD
US TO THE UNKNOWN

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THE LONGER YOU ARE EXPOSED

TO THE SUNLIGHT, THE MORE

VITAMIN K YOUR BODY

RECEIVES. JUST KNOW THE

RIGHT AMOUNT TO ABSORB.

WINTER HAS SOME

SUNNY DAYS TOO.

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UNLESS YOU TELL PEOPLE WHAT

IS GOOD OR BAD ABOUT THE

ENVIRONMENT, THEY WON'T

EVER CHANGE THEIR

LIFESTYLES.

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THE SUN SHINES EQUALLY

FOR EVERYONE, SOME PEOPLE

USE IT AS A SOURCE OF

DISINFECTANT,

OTHERS USE IT AS DAYLIGHT

SAVING TIME TO MAXIMIZE

LABOR AND SAVE ELECTRICITY.

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BE PREPARED AND READY FOR
DIALOGUE OR A DEBATE, ALWAYS
ANTICIPATE FUNNY AND STRANGE
QUESTIONS INCLUDING THOSE
YOU KNOW THE ANSWERS
AND SOME YOU DON'T EVEN
WANT TO HEAR. THINK FAST
AND BE SLOW TO SPEAK.

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GOD TOOK MANY DAYS TO

CREATE THE ENVIRONMENT.

TO PROTECT IT, WE NEED

MORE THAN DAYS.

BE BOLD AND WILLING WITH

AN OPEN MIND.

FACTS. LEARN AND
UNDERSTAND WHAT YOU CAN
DO TO STOP GLOBAL WARMING.
COMMUNICATE EFFECTIVELY
IN GOOD AND BAD TIMES.

DO YOUR HOMEWORK, GET THE

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WHEN YOU CREATE A VACUUM
IN ENVIRONMENTAL POLICY, IT
WILL BE FILLED BUT NOT
PERFECTLY OR NECESSARILY
THE WAY YOU WOULD LIKE.
EVERY SITUATION IS DIFFERENT.

THE SOLUTION TO GLOBAL
WARMING IS IN CHANGING
OUR LIFESTYLES. WE NEED
COURAGE, TRUTH, BELIEF
AND TOLERANCE; NOT FEAR,
DENIAL AND ARROGANCE.

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GLOBAL WARMING IS LIKE
AN ONION. WHEN YOU PEEL
THE FIRST LAYER, YOU
COME TO THE NEXT ONE.
PEEL ANOTHER LAYER AND YOU
MAY HAVE TEARS IN YOUR EYES.

THE DIFFERENCE BETWEEN

POLICIES AND THE LAWS IS

ACTION. WE MUST JUSTIFY

OUR ACTS IN LIFE.

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CONTAINER-SHIPS AND
AIRPLANES DON'T SAIL
OR FLY IN A VACUUM.
THEY NEED WATER AND AIR,
YET THEY LEAVE TONS OF SMOKE
AND TRASH TO POLLUTE
THEIR PASSAGE WAYS.

CLEAN ENVIRONMENT BREEDS
SUCCESS WITH HAPPINESS,
THEN HAPPINESS
COMES WITH SELF-ESTEEM
AND FREEDOM.

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DO WHAT IS GOOD FOR
THE ENVIRONMENT NOT
WHAT YOU ARE TOLD OR
WHAT EVERYBODY
ELSE IS DOING.

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NEVER THINK MAN CAN

FOREVER CONTROL THE

ENVIRONMENT (NATURE)

WITH TECHNOLOGY. MONKEYS,

BEARS, EAGLES AND OTHERS

LIVE BY NO MEANS OF

TECHNOLOGY.

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IS ALIVE.

DON'T KILL IT, RATHER

NOURISH IT.

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WHY SEARCH FOR HAPPINESS
ON THE MOON OR MARS
WHEN YOU CAN FIND IT
ON EARTH.

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TO LIVE WITH OTHERS, YOU

MUST TALK AND UNDERSTAND

THEIR CULTURE.

DANGER AND DEATH ARE THE
RESULTS OF A NEGLECTED
ENVIRONMENT.

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LOVE AND HAPPINESS ARE ALL
LIKE SUNSHINE AND
MOONSHINE.
YOU CAN'T ENJOY NATURE
WHEN YOU DO NOT LEAVE
YOUR ROOM.

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THERE IS NO SHORTCUT FOR
THE SUNLIGHT TO REACH YOU.
BE PATIENT AND WAIT
FOR THE DAYLIGHT.

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WATER IS LIKE A KISS, NOT
LIKE THE SUNLIGHT THAT
SHINES FOR EVERYONE.
YOU MUST GO FOR IT OR
SOMEONE MUST
GIVE IT TO YOU.
IT WON'T COME TO YOU.

IN A DIALOGUE, YOU LEARN
WHEN YOU LISTEN WITH YOUR
OPENED MIND, EVEN WITH
YOUR CLOSED EYES.

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WITHOUT THE SUN, THERE
WILL BE NO DAYLIGHT
AND PLANTS.

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EATING, LIVING OR GROWING
IS MAKING USE OF LAND, AIR,
WATER AND SUNLIGHT
(THE LAWS).

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REGARDLESS OF HOW MUCH
OR LITTLE SUNLIGHT WE HAVE
TODAY, WE WILL STILL HAVE
MORE IN THE FUTURE AND
IT COMES FREE TO US.

LIFE WITHOUT SUNLIGHT IS
UNIMAGINABLE, WHILE LIFE
WITHOUT WATER IS
IMPOSSIBLE.

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A MAN WITHOUT DAYLIGHT
LIVES IN CONFUSION, FEARS
DARKNESS AND GROWS
NOTHING.

THE SUN DOES NOT SHINE
ALL DAY. USE IT NOW OR ELSE
IT WILL GO AWAY SOON.

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THE GOOD THING ABOUT LAND,
AIR, WATER AND SUNLIGHT IS
THAT THEY GIVE US FLOWERS,
BUTTERFLIES, ZEBRAS AND
EVERYTHING WE LIKE
OR DON'T.

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HOW CAN NATURE OWE YOU
HAPPINESS IF OR WHEN YOU
DON'T RESPECT THE
ENVIRONMENT?

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EMOTIONS DON'T SOLVE
PROBLEMS, REVENGE DOESN'T
BRING HAPPINESS.
FORGET WITH FORGIVENESS
BRINGS PEACE OF MIND.

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YOU CAN LISTEN TO EVERYONE
YOU MEET; BUT, YOU DO NOT
HAVE TO LEARN FROM
ALL OF THEM.
BE YOUR OWN TEACHER.

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HE WHO HAS NEVER BEEN POOR
KNOWS NOT WHAT POVERTY IS,
SHE WHO HAS NEVER BEEN
HUNGRY FEELS NOTHING
IN HER STOMACH.

NOTHING YOU SHOW, SAY OR

DO IS MORE IMPORTANT

THAN YOUR REACTION

AND ATTITUDE.

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YOU CAN'T SEE TODAY'S
SUNLIGHT TO PLAN FOR
TOMORROW. IT MAY RAIN
OR THE SUN WON'T
EVEN COME UP.

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DON'T ALWAYS EXPECT
RETURNS FOR YOUR
KINDNESS, THERE ARE
UNGRATEFUL PEOPLE.

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START YOUR DAY WITH A
PRAYER, A GLASS OF WATER
AND HOPE. FINISH IT WITH A
SMILE AND THANKS AS AN
ACHIEVEMENT.

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YOUR LIFESTYLES WHICH

MAKE YOU PROUD AND

POPULAR KILL THE

ENVIRONMENT.

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WINTER OR THE RAINY
SEASON IS LIKE A GANGRENE,
GET USED TO IT AND FACE IT.
BUT, IT'S GOOD FOR PLANTS.

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LIVING HIGH IS THE TROUBLE

WITH "GLOBAL WARMING"

AND EVERYONE PAYS FOR

YOUR LIFESTYLES.

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THE EXCITEMENT OF YOUR
RENEWED EFFORT IS THE
ENVIRONMENT YOU WOULD
LEAVE FOR YOUR CHILDREN.
YOU, TOO, INHERITED ONE.

HOW CAN YOU ENJOY LIFE
WITHOUT CHANGING YOUR
MIND OR LIFESTYLES?
ATTITUDE IS EVERYTHING.
VIGOR AND ENTHUSIASM
COME AFTER.

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YOUR BEHAVIOR, MY ATTITUDE

AND THEIR REACTIONS ARE

WHAT OUR COMMUNITY

DEVELOPMENT IS ABOUT.

A GREAT TOMORROW IS HOW
YOU PLAN TODAY. ONE WRONG
STEP MAY TAKE YOU BACK
TO YESTERDAY.

TIME IS WASTED.

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TODAY YOU MAY ABUSE AND IGNORE THE ENVIRONMENT.

YOUR CHILDREN WILL PAY

AND SUFFER FOR YOUR

IGNORANCE TOMORROW.

NOTHING IS FREE ON EARTH.

YOU CAN'T FIND HAPPINESS

AND LONG LIFE WITHOUT

SEEKING THEM.

THEY MUST BE EARNED.

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FULFILLMENT AND CONTENTMENT

ARE NOT IN TECHNOLOGY BUT

IN SIMPLE ORDINARY LIVING.

TALK TO THE AMISH PEOPLE.

LIFE IS NEVER MEANT TO BE

EASY. A SMILE WITH THE

RIGHT ATTITUDE TAKES

YOU TO SUCCESS, NOT FAILURE.

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THEN COMES MANAGEMENT
FOLLOWED BY LAUGHTER AND
TEARS. LOVE IS A LOSE OR WIN
BUSINESS, NO GUARANTEE.

ADVERSE WEATHER FORCES

YOU TO THINK HARDER, POOR

HARVEST AND HARDSHIP TAKE

YOU CLOSER TO YOUR CREATOR.

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GOOD LEADERS ARE ALSO:

- GOOD LISTNERS
- " MANAGERS
- " SPEAKERS
- " PREACHERS
- " TEACHERS
- " MASTERS
- " MANNERED
- " DEAL MAKERS.

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ON A HILL DOESN'T MAKE YOU

ANY SAFER FROM FLOOD OR

DROUGHT. WATER AND FOOD

COME FROM THE VALLEY.

IN FACT, WHERE'S YOUR

FREEDOM IF YOU CAN'T

DESCEND OR EXIT?

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THE LEVEL OF IMAGINATION,

REALITY IS HERE NOW.

THIS IS THE TIME TO ACT.

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DOCUMENTARY IN

CINEMATOGRAPHY IS A

POWERFUL INSTRUCTOR, BUT

ACTION AND QUICK ACTION

IS WHAT THE ENVIRONMENT

NEEDS FROM US.

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SUNLIGHT, FRESH AIR PLUS

CLEAN WATER IS YOUR

NATURAL CHARM, NO MAGIC.

MAKE GOOD USE OF THEM

FOR YOUR COMFORT.

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MAN MUST NOT BE A
STUMBLING BLOCK TO
ENVIRONMENTAL EDUCATION.
BE WISE AND A
KNOWLEDGEABLE FACILITATOR.

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THERE ARE SOME PEOPLE WHO

DON'T CARE ABOUT OUR

PLANET. TALK OR GET FRIENDS

TO DIALOGUE WITH THEM.

COMMUNICATION IS THE

KEY TO SUCCESS.

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THERE IS NO EDUCATIONAL
WISDOM WITHOUT PAIN. IT
TAKES MORE COURAGE, FOCUS
AND CONTROL TO TEACH OR
LEARN NEW LIFESTYLES.

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WE WANT TO CHANGE

EVERYTHING GOD MADE

TO MAKE OUR LIVING EASY,

NOT KNOWING WE CAN'T LIVE

OUTSIDE THE ECOSYSTEMS.

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MORE THAN HALF OF THE
WORLD HAS NO CREDIT
CARD OR TECHNOLOGY;
YET, IT LIVES ON THE LAND,
AIR, WATER AND SUNLIGHT
WITH LESS STRESS THAN
CARD HOLDERS.

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THE GREATEST SECRET OF LIFE IS

NOBODY PAYS FOR SUNLIGHT,

NEVERTHELESS, IT IS THE

ULTIMATE REGULATOR OF

OUR ENVIRONMENT.

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DIPLOMACY IS THE ART OF
PERSUADING SOMEONE TO
COOPERATE; THINGS DO GO
WRONG SOMETIMES AND
CHANGES IN CIRCUMSTANCES
ARE INEVITABLE. NEVERTHELESS,
GOOD DIPLOMACY IS
RECIPROCITY NOT A VETO.

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MOST PEOPLE BELIEVE IN FAITH

AND CULTURE, BUT DOUBT IF

THEY CAN LIVE WITHOUT

WATER, AIR AND SUNLIGHT.

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YOU NEVER KNOW TOMORROW'S

WEATHER. PLAN CAREFULLY,

THE SUN OR THE RAIN

MAY NOT COME.

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OUR VALUES, HUMANITIES

AND CULTURES DEPICT

EVERYTHING. THIS

EVERYTHING IS OUR

LAND, AIR, WATER AND

SUNLIGHT MEANING THE

"LAWS" OF NATURE.

PLEASE, PROTECT THEM

FOR OUR CHILDREN.

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HUMAN RELATIONSHIPS
WITH LAND, AIR, WATER
AND THE SUNLIGHT ARE
OUR ULTIMATE SOURCES
OF RELIGION, BEAUTY,

CULTURE AND HAPPINESS.

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POPULATION DENSITY COULD

BE AS HARMFUL TO RICH

COUNTRIES AS TO POOR.

SOCIAL DISTURBANCES ARE

THE RESULTS OF A CROWDED

ENVIRONMENT: SMOG, NOISY

NEIGHBORHOODS, VULGAR

MUSIC, TRAFFIC JAMS, SLUMS

AND SHANTY TOWNS.

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SOCIETY WOULD NOT BE

REFORMED BY REGIME-CHANGE.

INSTEAD, ECONOMIC

CONSIDERATIONS TO

MAN'S NEEDS, EQUALITY

OF OPPORTUNITIES,

FREEDOM OF RELIGION

AND HUMAN RIGHTS.

MAN NEEDS A NEW SOCIAL RELIGION. GENESIS 2:15

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TECHNOLOGICAL ACHIEVEMENTS

HAVE CREATED DILEMMAS FOR

US. INNOVATIONS HAVE

NEGATIVE OR POSITIVE

CONSEQUENCES. NOISE,

TRAFFIC JAMS, POLLUTION,

EXCESS PRODUCTION OF

GOODS, NUCLEAR BOMBS...

NEW PROBLEMS ARE CREATED WHILE

TRYING TO SOLVE THE OLD ONES.

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THE BASIS OF ALL LIVES ON
EARTH IS THE SOIL. COLD,
FROST AND HEAT SPLIT ROCKS.
WATER (S) WEAR IT
WINDS ERODE IT
BACTERIA EAT IT
GLACIERS DRAG IT
UNTIL IT TURNS TO SOIL.

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EVERY HOUSE IN A CITY

MUST HAVE A SOLAR ROOF.

IT IS SAD AND RIDICULOUS

NOT TO USE HOT SUN AS OUR

SOURCE OF ENERGY.

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HUMUS AND PARASITES.

LIVING THINGS MUST DIE,

DECAY AND BECOME COMPLETE

SOIL TO GROW VEGETATION

AND SUSTAIN EVERY ANIMAL'S

LIFE ON LAND.

DIALOGUE:

CAN THERE BE LIFE WITHOUT DEATH?

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PLANTS FEED ANIMALS;
ANIMALS FEED THE SOIL
WITH THEIR MANURE AND
THE LAND FEEDS THE PLANTS.
ALL FORMS OF LIFE NEED A VAST
HOST OF MICROSCOPIC ANIMALS.

DIALOGUE:

WHAT IS MAN'S CONTRIBUTION? CHEMICALS?

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BEWARE OF LOW OR HIGH PESTICIDES IN YOUR FOOD.

LOW <u>HIGH</u> **AVOCADO APPLES ASPARAGUS CELERY CHERRIES BANANAS GRAPES CABBAGE** CORN LETTUCE BROCCOLI **NECTARINES** KIWI **PEARS MANGO PEARCHES ONIONS PEPPERS PAPAYA POTATOES** PEA **SPINACH PINEAPPLES STRAWBERRIES** WORLD FOOD PRODUCTION IS UNDERGOING MASSIVE CHANGE.

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IN BENIN, TOGO, GHANA THERE IS

IMMENSE SUFFERING.

- RAIN SEASONS HAVE CHANGED.
- CROPS FAILED AND TREES PRODUCE LESS.
- FARMERS ARE PERTUBATED AND MIGRATED.
- CLIMATE CHANGE IS REAL AND IS
 HERE TO AFFECT RURAL/ URBAN
 AREAS.

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ARE GOVERNMENTAL POLICIES
HELPFUL TO MARKET VALUES
OF NATURAL RESOURCES?

DIALOGUE:

CUT DOWN ONE TREE AND YOU MUST PLANT TWO FOR REPLACEMENT.

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WILDLIFE WITH SUGAR

PLANTATIONS.

USE THEM FOR ECO-TOURISM

TO PROMOTE JOBS IN

LOCAL SERVICES.

BEES POLLINATE PLANTS,
CELLULAR PHONES DON'T.

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JOBS CAN BE CREATED

SOMEWHERE ELSE; BUT OUR

ENVIRONMENT CANNOT BE

RE-CREATED ONCE IT IS LOST.

SOIL AND FORESTS TAKE A

LONG TIME TO BECOME

WHAT THEY ARE TODAY.

DON'T SACRIFICE FORESTS

FOR JOBS, SUGAR, COFFEE AND

TOBACCO PLANTATIONS. WE

CANNOT LIVE WITHOUT THE

BENEFITS FROM OUR FORESTS.

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WRITE YOUR OWN POSTERS

Suggested Topics for Discussion

Farmers' Groups or Cooperatives

- -Farming/Agriculture
- -Crops: sugar cane, palm trees, corn etc.
- -Poultry
- -Pig farming
- -Fishery
- -Credit Unions
- -Woodwork shops
- -Block making shops
- -Sewing/Dressmaking and Tailoring shops
- -Masonry/Stonework
- -Barbering/Hair dressing
- -Restaurant
- -Vegetable garden

Community Development

- -Housing
- -Street/Roads
- -Education/School
- -Public transportation/Train
- -Supply and Demand
- -Energy/Solar
- -Water supply
- -Democracy, Economic Freedom, Free Trade Globalization and Multinational Corporations
- -Rural Development
- -Electricity
- -Water treatment
- -Stress and distress in modern society
- -Consumption and disposal
- -City sprawl
- -Security & Insecurity
- -World Bank,
- -International Monetary Fund (IMF)
- -World Trade Organization (WTO)
- -Nuclear Bomb

Public Health

- -Hygiene
- -Aids prevention
- -Malaria
- -Nutrition
- -Water purification
- -Pre-natal care
- -Family planning
- -World food supply
- Food from Oceans, Lakes, and Rivers.
- -Drug and Alcohol abuse, Homelessness
- -Domestic violence
- -Child Labor
- -Stress in modern society

Environmental Studies

- -Re/Deforestation
- -Organic farming
- -Recycling
- -Solar energy supply
- -Air/water pollution
- -Landfills
- -Wind farms
- -Wetland
- -Environmental economics
- -Natural resources economics
- -Natural resources conservation
- -Ecosystems
 - -Population Dynamics
 - -Agricultural land
 - -Mineral use
 - -Resources
 - -Forestry
 - -Grassland
 - -Wildlife management
 - -Pest and Pest control
 - -Toxic and Hazardous wastes
 - -Solid and liquid wastes
 - -Pesticides

ACKNOWLEDGMENTS

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Elias Quist

Editor

For

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DISCLAIMER/ WARNING:

The ultimate purpose of this pamphlet is to educate and encourage dialogue in Environmental Studies. The author or publisher does not guarantee that anyone using our methods or techniques will cure the ills of the environment. Therefore, we will not be liable or responsible to anyone or group of people with regards to any damage or loss caused or alleged to be caused, mentally, directly or indirectly by the information contained in this pamphlet.

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Elias Quist is a man who loves nature, fishing and hunting. He is on a mission since 1988 to encourage the world to think critically about the natural resources the earth has provided us. The reflections within this booklet are positive, short, interesting and delightfully challenging to our lifestyles. I urge you to read all the allusions he made about our behavior towards the environment.

Ekon, Koffi Sylvain.

CPA. Lome, Togo.

The reflections are short, good for busy and young people who do not have much time to read chapters. Everyone can spend less than five minutes on each poster as a reminder about his/her lifestyle that is contributing to global warming.

Mary Nuku

Founder/ Principal, Central Academy, Accra, Ghana

In the "Environmental Food for Thought", Elias takes the liberty to remind us that everything we have, do and eat comes from the earth. It is not how rich or poor we are; but how much "clean" Land, Air, Water and Sun energy we have is what matters.

Forche, Christophe

Graduate Student, Northeastern Illinois University, Chicago.

The booklet has a collection of heart felt reflections on our relationship to the earth (environment). It serves me as a daily reminder of my stewardship towards a healthy environment. I like it very much.

Lady McCauley

Educator, Firestone Co. Habel, Liberia.

Elias Quist is the Founder and Executive Director of the Global Institute of Environmental Studies, Inc. (GIES). (www.giesseminars.org) a 501(c) (3) Organization to promote Global Environmental Education.

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He also has many years of experience in teaching, administrating, public relation, eco-tourism and coordinating guests' services at The Four Seasons Hotel, Chicago. Currently, he is a graduate student in Geography & Environmental Studies at Northeastern Illinois University, Chicago.

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