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Module 04: Hazardous Waste

Urban EcoLab

April 2021

Overheads - Autopsy Report

Center for Urban Resilience

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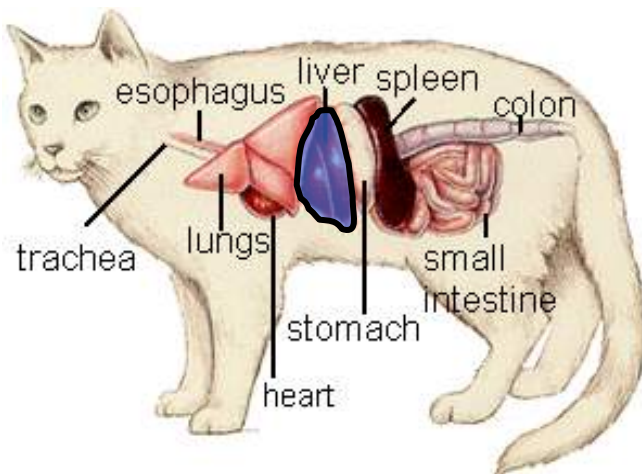
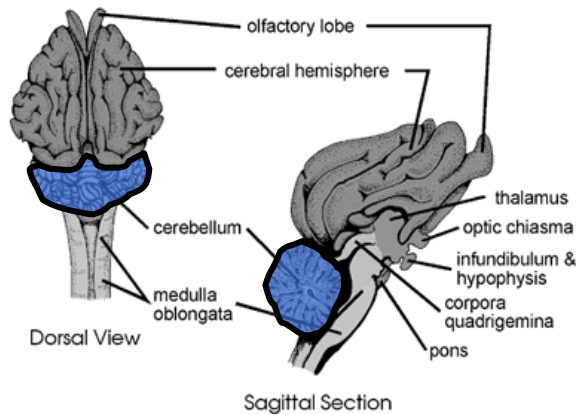
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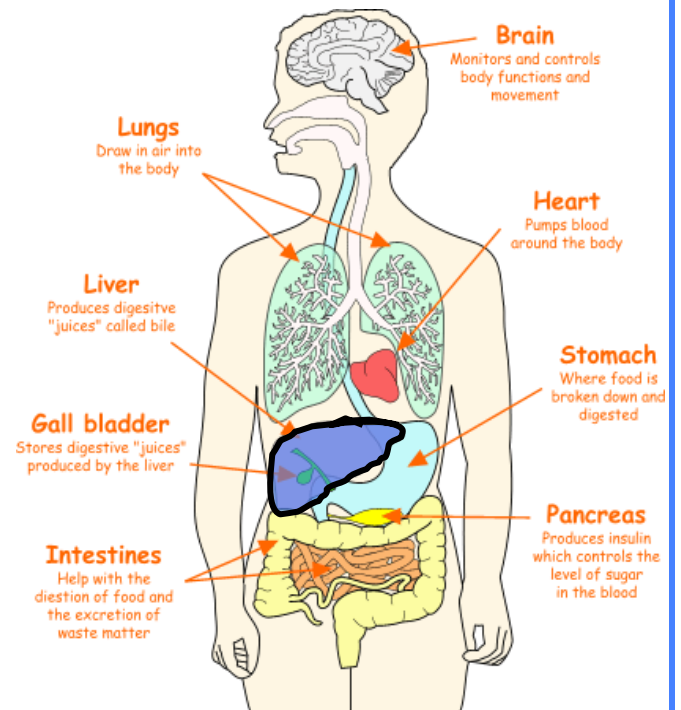
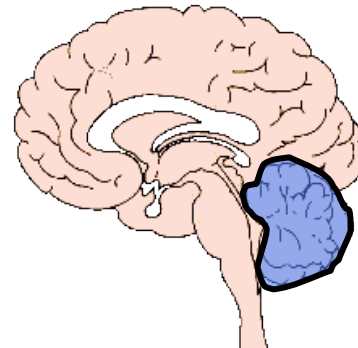
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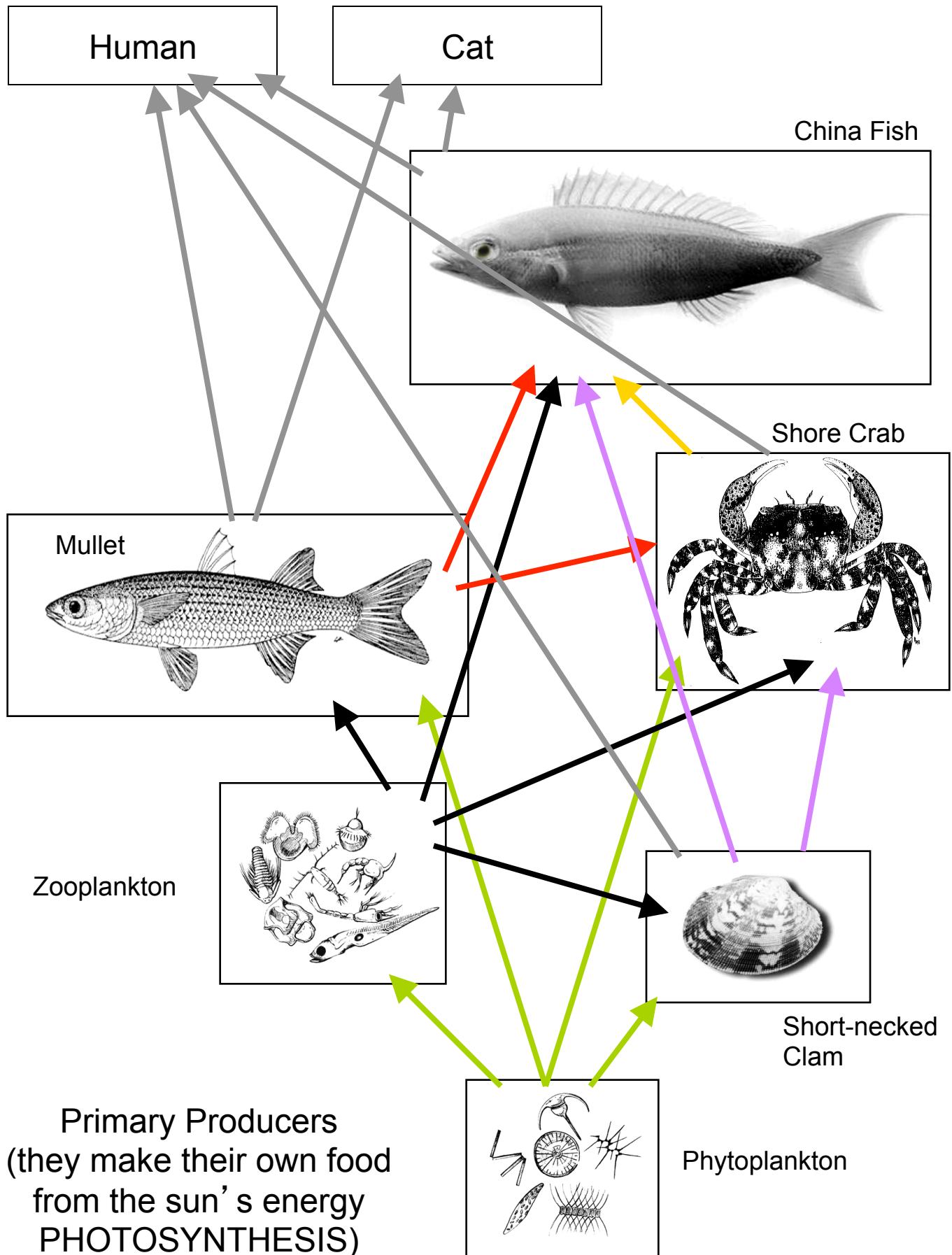
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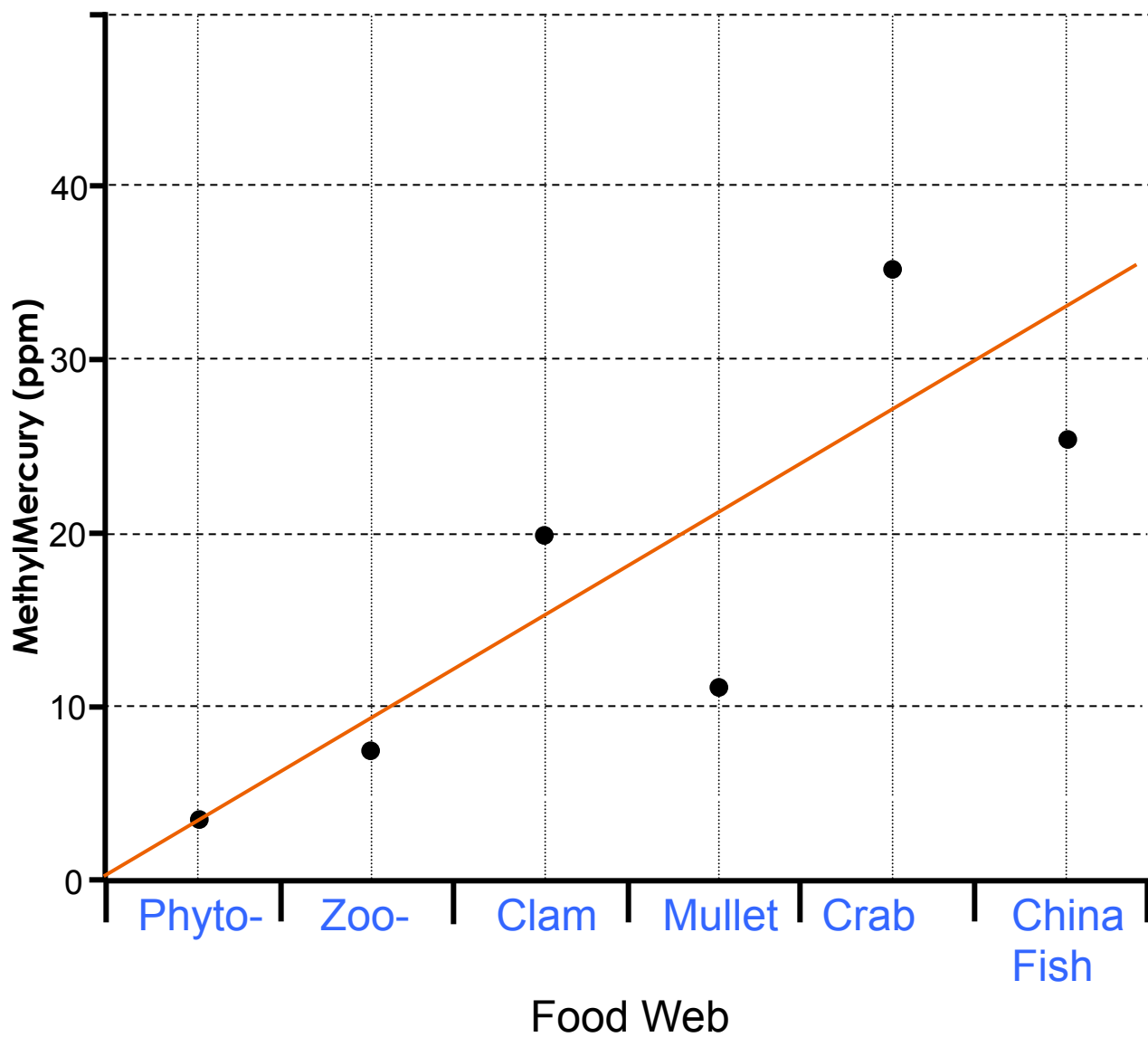
CAT



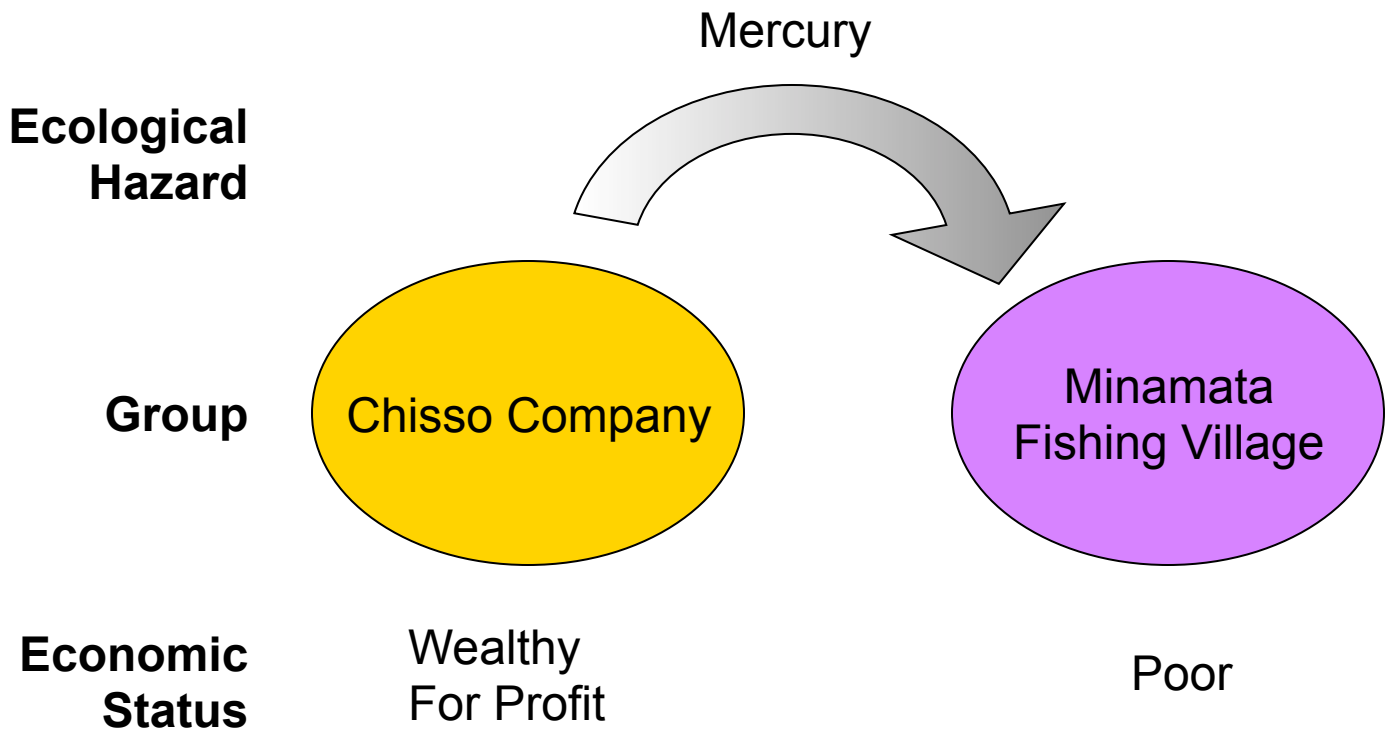
HUMAN





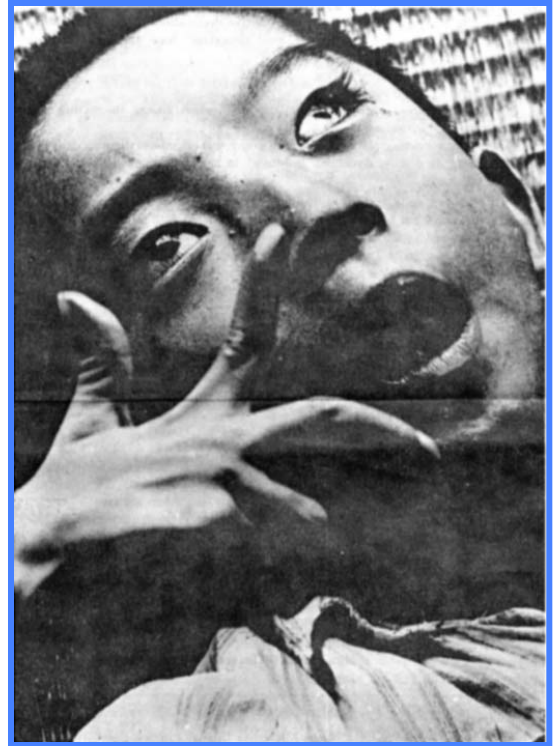
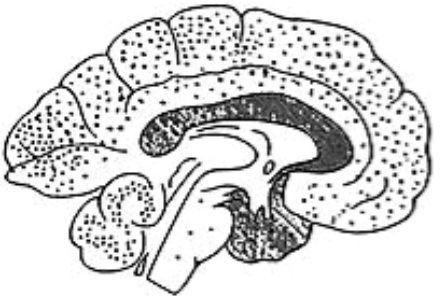
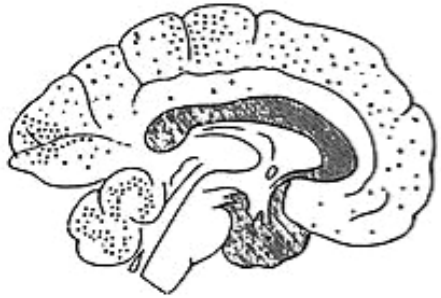
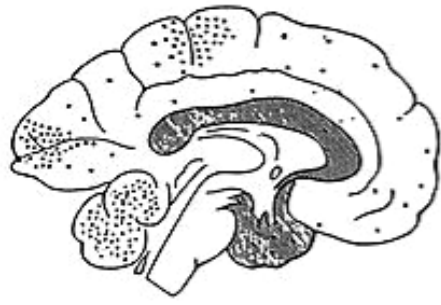


Methylmercury increases with each higher level of the food web





Tomoko Uemura in her Bath (1973)
Eugene Smith



Black dots show the location of Mercury in the brain

The Ecology by Marvin Gaye

Woo ah, mercy mercy me

Ah things ain't what they used to be, no no

Where did all the blue skies go?

Poison is the wind that blows from the north and south and east

Woo mercy, mercy me, mercy father

Ah things ain't what they used to be, no no

Oil wasted on the ocean and upon our seas, fish full of mercury

Ah oh mercy, mercy me

Ah things ain't what they used to be, no no

Radiation under ground and in the sky

Animals and birds who live nearby are dying

Oh mercy, mercy me

Ah things ain't what they used to be

What about this overcrowded land

How much more abuse from man can she stand?

Oh, na na...

My sweet Lord... No
My Lord... My sweet Lord

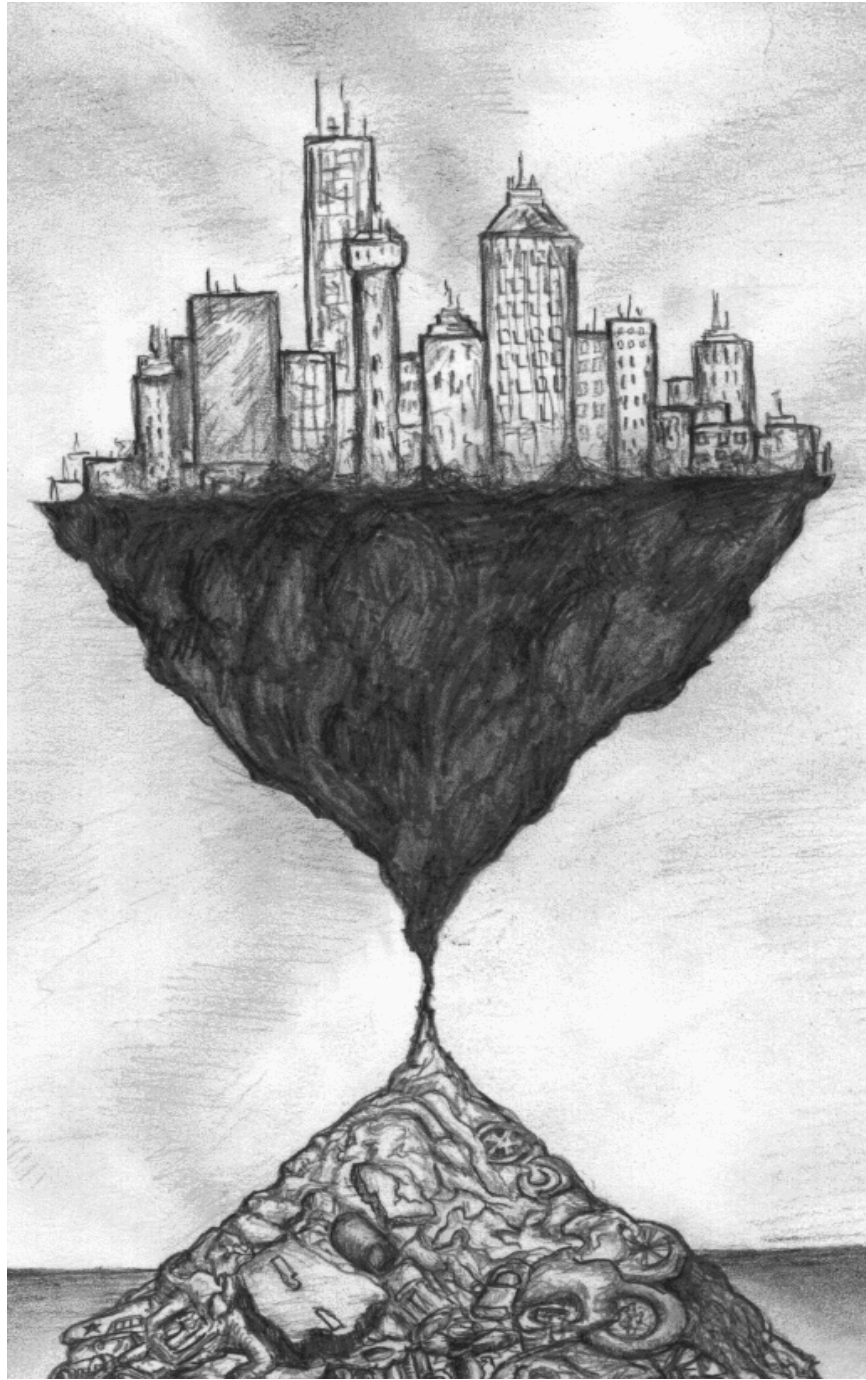


**The Environmental Protection Agency Defines
Environmental Justice as:**

“fair treatment for people of all races, cultures, and incomes, regarding the development of environmental laws, regulations, and policies.”

This means that they are working to ensure that people do not suffer from environmental hazards disproportionately. You may be able to think of cases of environmental injustice in your neighborhood.

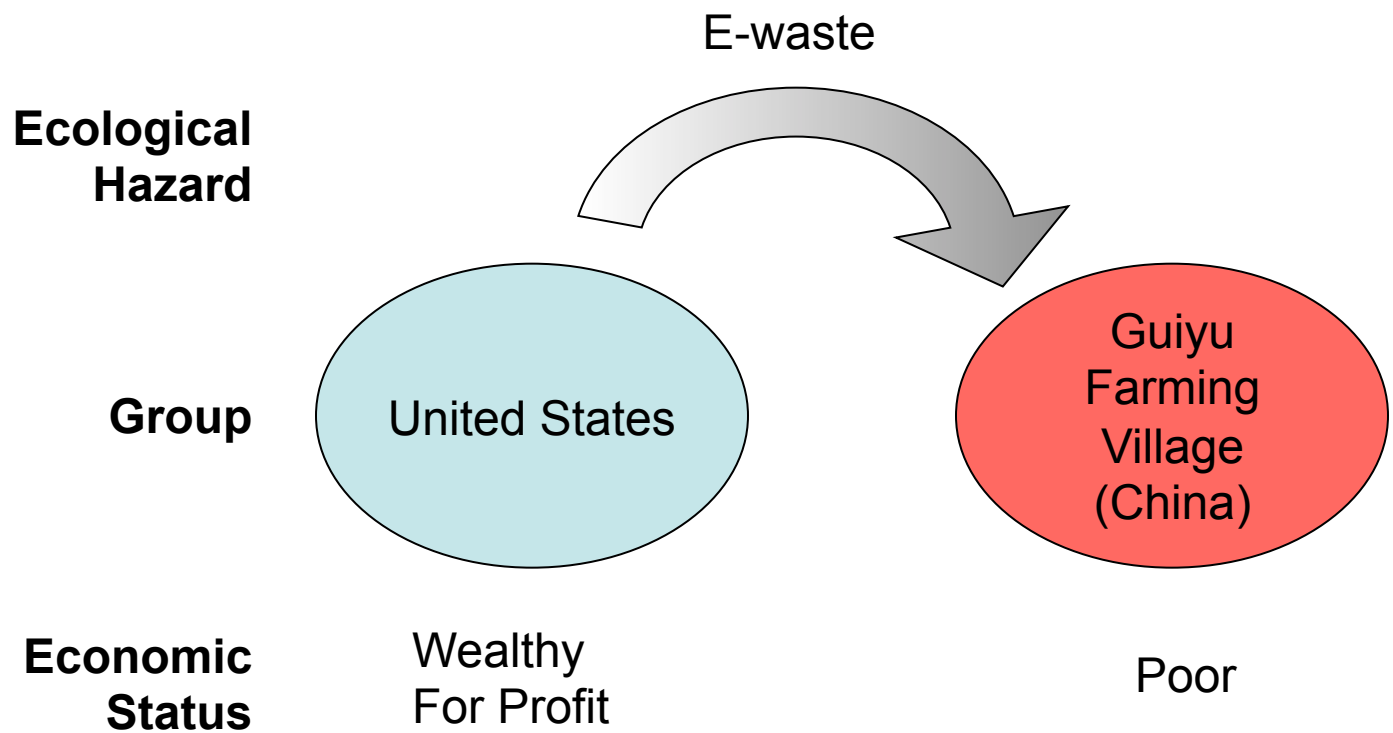
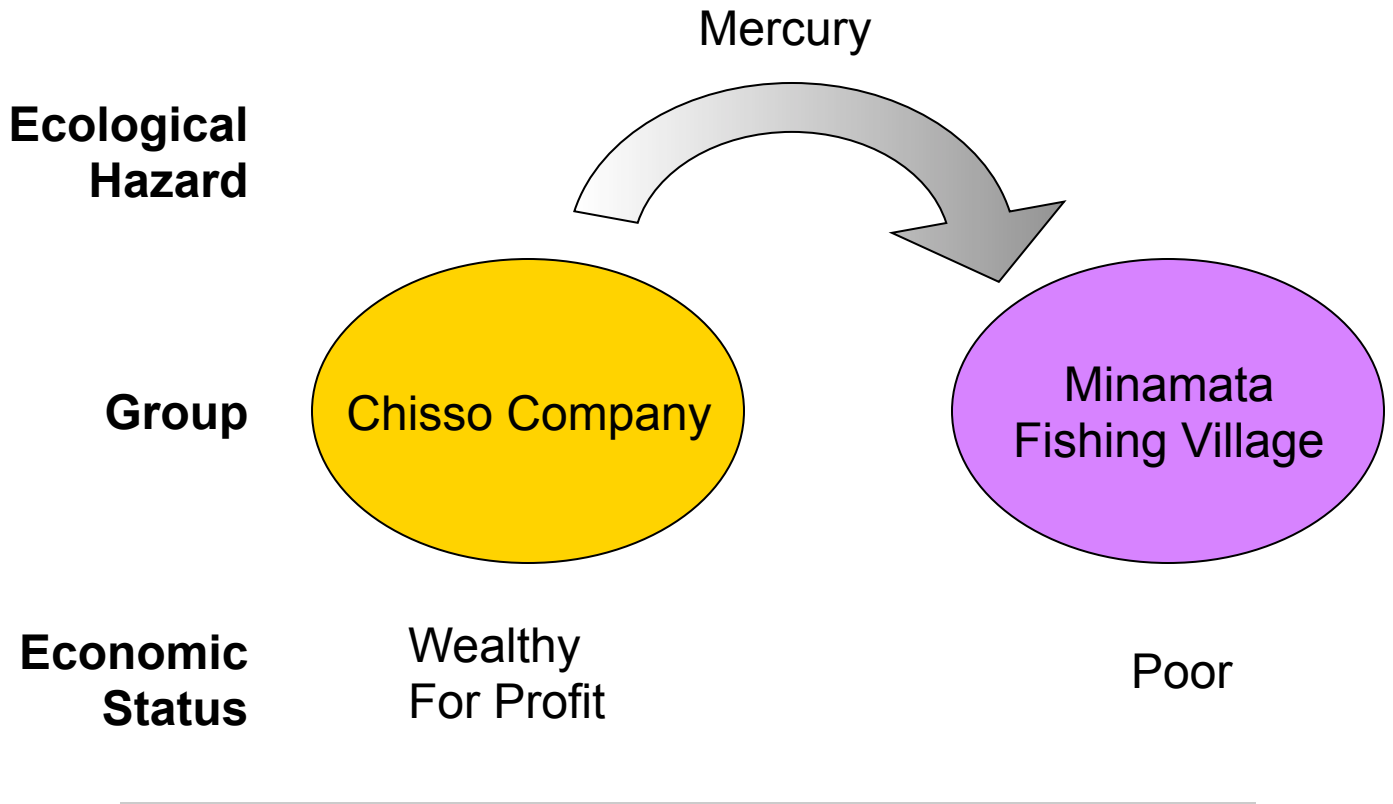
The Hourglass Analogy of Matter



© Tatiana Tchoudakova

The Law of Conservation of Matter

This law states that matter can never be created or destroyed, it only changes phases.





Lyrics on Environmental Justice

The Argument

By Bunyan Bryant

Of a mentality of causality,
They warn of no sickness or mortality.
Pollution is ninety percent controlled,
We are told.
Fugitive emissions from smoke stacks are few,
Safe for living and breathing too.
But what happens with the dangerous few,
Get into our food chain ready for chew.
Dangerous chemicals amplifying themselves by millions to stay,
To the top of the food chain putting us in harms way.
Ninety percent reduction is not enough,
And believe you me --we will get tough.
Pollution prevention provokes much fear,
Of jobs and profits loss so clear,
But so is the loss of people I love so dear.
Although it will take lots of dollars to change,
From control to prevention we can arrange.
But what about the causality people who charge for fee,
They will have no argument or job you see.

Poem

I'm living in a world filled with continuation of contamination,
With this pollution cause a bad situation which lead to more complication,
So I'm be real with y'all with no hesitation so sit down to hear my
Proclamation,
We need to start recycling and stop the pollution construction,
Which already has the mother earth filled with corruption,
I know after I'm done ya'll gonna sit there laughing about the things I said,
But I'll be the last laughing when the plants, animals and people are dead,
All I see is people littering all over the place
I know I'm not gonna live a healthy life by breathing this toxic waste.

-Boston Public High School Student

"What's going on?"

HUH what's going on?
The US polluting Asia they know they wrong,
And the know they wrong,
That's why they held the info on hold this long,
Plus they don't want it to spread that the water in Minamata is filled with lead
Then they scared to tell'em
That when they drink the water the lead gets to the cerebellum,
It just don't make sense,
That people is working so hard just to make cents
To support the family that why they so intent
But working at this at they own expense,
So you tell me what's going on and why they held info on hold this long.
Yo what's going on and why they held the info on hold this long?

-Boston Public High School Student

