Psychological Health in the United States Military: Making Sense of What We Know

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has anyone seen the garbage cans out in the hallway?

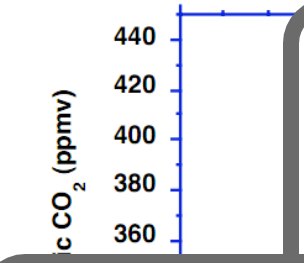
RECYCLE
PLASTIC BOTTLES
PLASTIC 1-6 ALUMINUM FOIL PAPER
ALUMINUM CANS
MAGAZINES GLASS BOTTLES
CLEAN CARDBOARD
PLASTIC 1-6
TIN CANS PAMPHLETS
ALUMINUM CANS
MAGAZINES
CLEAN CARDBOARD
ALUMINUM FOIL PAPER PAMPHLETS
GLASS BOTTLES
NEWSPAPER PLASTIC BOTTLES MAGAZINES
PLASTIC 1-6
PAPER PAMPHLETS ALUMINUM CANS
MAGAZINES PLASTIC 1-6 PAMPHLETS
ALUMINUM FOIL
TIN CANS CLEAN CARDBOARD
GLASS BOTTLES PAMPHLETS PAPER
NEWSPAPER
TIN CANS GLASS BOTTLES ALUMINUM CANS
LANDFILL
PLASTIC BAGS
RUBBER GLOVES POTATO CHIP BAGS
PLASTIC UTENSILS
PLASTIC WRAP RUBBER GLOVES
STYROFOAM
POTATO CHIP BAGS PLASTIC BAGS
RUBBER GLOVES
STYROFOAM CANDY WRAPPERS
PLASTIC UTENSILS PLASTIC WRAP
PLASTIC BAGS POTATO CHIP BAGS
PLASTIC BAGS
CANDY WRAPPERS STYROFOAM
POTATO CHIP BAGS
RUBBER GLOVES PLASTIC BAGS
PLASTIC WRAP PLASTIC UTENSILS
STYROFOAM CANDY WRAPPERS
PLASTIC WRAP
STYROFOAM CANDY WRAPPERS
POTATO CHIP BAGS PLASTIC WRAP
CANDY WRAPPERS
PLASTIC BAGS PLASTIC WRAP RUBBER GLOVES
STYROFOAM

<1>

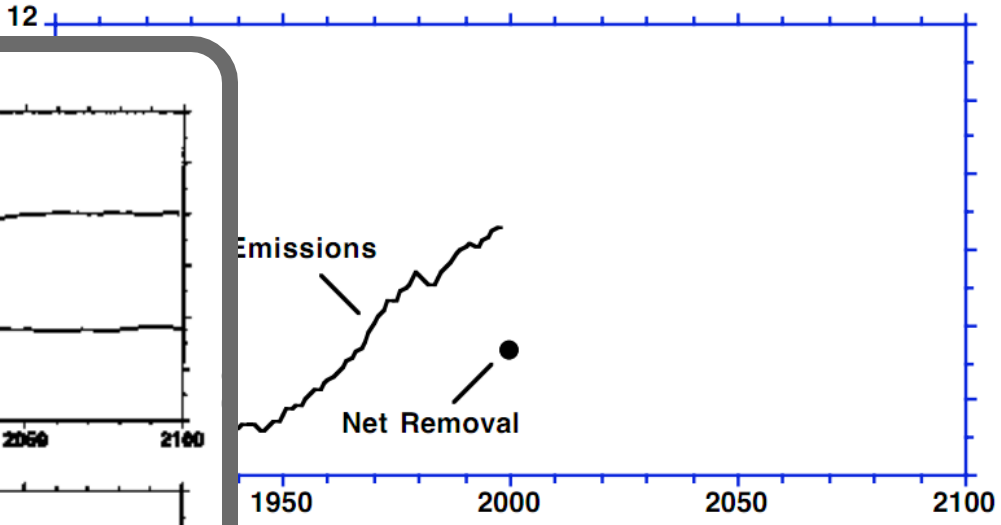
The Management Flight Simulator

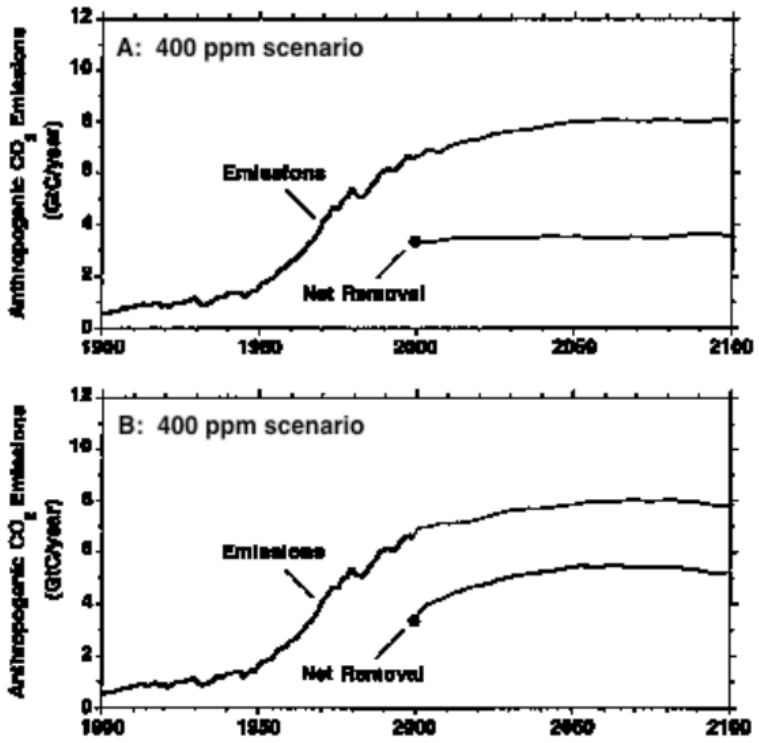
Figure 1B 400 ppm scenario

Now consider a scenario in which the concentration of CO_2 in the atmosphere gradually rises to 400 ppm, about 8% higher than the level today, then stabilizes by the year 2100, as shown here:



1. The graph below shows anthropogenic CO_2 emissions from 1900-2000, and current net removal of CO_2 from the atmosphere by natural processes. Sketch:
   a. Your estimate of likely future net CO_2 removal, given the scenario above.
   b. Your estimate of likely future anthropogenic CO_2 emissions, given the scenario above.





[John Sterman and Linda Booth Sweeney]

Accumulation

Time Lags

Dynamic Behaviors

From: "The Beer Game"

To:“The Big Game”

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Psychological Health in the U.S. MILITARY

Stigma

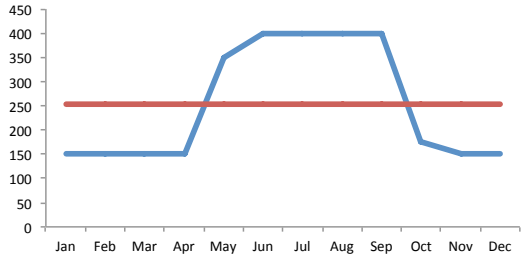
Quality of Care

Access to Care

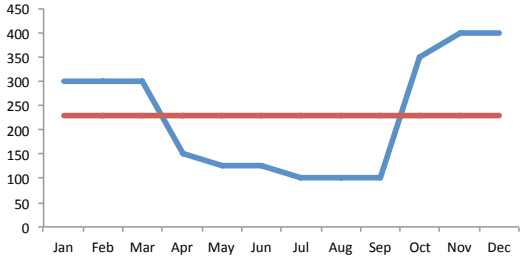
Accumulation

Time Lags

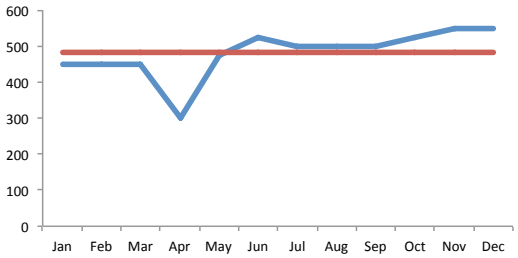
(Re)deployments can drastically change demand, yet we plan a constant supply of care



Base "A"



Base "B"



Both Bases Combined

Good News

Bad News

<3>

A Management Flight Simulator for Military Psychological Healthcare

Reporting:

Wait Times

% Untreated

Total # Afflicted

Stakeholder Costs ($$$)

Analysis of Alternatives

Complementary

What “levers” are at our disposal?

Resilience Training

Pre-accession Screening

Levers:

Staffing Levels

Novel Treatment Modalities

Discrete Event Simulation

Public data

HOW?!?

Sponsor Data

Observations and Interviews

<conclusion>

</talk>
questions?