

I Could Be Wrong  
But I Don't Think So







and 150 years (Lenke et al. 2007). Reduction in wintering survivors in the tropics there is strong evidence for the role of reduced freshwater freezing (Wasson et al. 2006). Enhanced melt is significant for warming due to albedo, which can, in turn, result in a positive feedback (Serreze et al. 2000), although there is a lack of evidence for this in the tropics (Lenke et al. 2007). Melting and the quality of lakes have been reported, as well as the effects of chemical composition (see also Lenke et al. 2007). The effects of climate change on the hydrology and dynamics of

Climate Change	2000	2050
Increasing catastrophic floods of frequency 0.5 to 1% due to sea level rise and heavy rain	Low	High
25% decrease in annual maximum rainfall due to warmer air and increased evaporation with no change in precipitation	High	Low
Due to hot and unusually wet summers related to warming of western Pacific and Indian Oceans in tropical policy	High	Low
0.5 to 1.5°C increase in lakes	Low	High

0.2 to 0.7°C increase (mean  
1.0°C)

Detrital nutrients to  
stimulation of longer  
period in lakes and  
increased catch-  
ment area

range of species that  
share and substantial com-  
monality among their  
water systems, about  
100 species, and a  
few others.

that their effects in the environment and on humans are already detectable. This agrees with the results of Chapter 9 of WGI (Hegerl et al., 2007), which observed reductions in Arctic sea ice extent, decrease in global snow cover, and widespread retreat of glaciers are inconsistent with simulated natural climate change alone, but consistent with simulations consistent with anthropogenic forcing.

The observed effects of cryosphere reduction include modification of river regimes due to earlier snowmelt advance and enhanced winter burn risk; thermokarst terrain and disappearing permafrost; thawing permafrost; decrease in permafrost stability; frozen roads in the Arctic; landslides and slope instabilities.

which  
contain  
Molyb-  
denum  
in their  
systems, with a  
positive effect  
on the en-  
hanced ef-  
fects can lead  
to turn affect  
yet.

A close-up of a map showing a network of lines and text, with a small inset image of a globe.

... Nevertheless, there has been...  
... studies that have linked neuropeptides...  
... directly to seasonal...  
... and statistical...  
... of observed...  
... and... systems and...  
... across the globe very likely...  
... by natural variations in other...  
... the... cause of this...  
... substantial interpopulation...  
... years averaged over each continent.

parts have to be drawn  
Jobe and Forsberg, 2002)  
and ice is claims.

tion and ecosystems  
occurring in the North Atlantic are  
likely linked to glacier melt (this  
significant evidence of changes in  
Circulation at high latitudes  
in the Southern  
essential to  
frozen ground

ac warming  
ment, except  
top 1.4°C  
that there is  
on many  
pects of  
and (including  
shows changes in  
[1.32] coastal zones  
+4).

frozen ground

100 years	Asia (no stations)
100 years	East Africa (1 station)
100 years	North America, Europe, Africa (1 station)
10-20 years	North America, Europe (1 station)

...terrestrial ecology  
in marine and fresh-  
water warming is strongly af-  
fected (very high confidence).  
An overwhelming majority of vari-  
ous terrestrial species reveal con-  
sistent trends, including poleward and  
upward. Responses of terestris  
in the Northern Hemisphere are  
the timing of growth stages,  
especially the earlier onset of  
lengthening of the growing sea-  
son. Certain species, including fire  
disappearances, and changes i

Many observed changes in marine ecosystems have been temperature, as well as C, has moved poleward by 16 decades, in the North Atlantic, evidence for climate change (the impacts of climate-related over-fishing and pollution) rivers is affecting abundant composition, phyology,

Although response systems are being driven to be more efficient, the

[illegible]

MONKEY TR

100

...the Working Dr.  
...it is lik







**I'm not  
letting go!**







# LOST

David Waggoner

Stand still....

The trees ahead

and

the bushes beside you

are not lost



Wherever you are  
is called

HERE

You must treat it

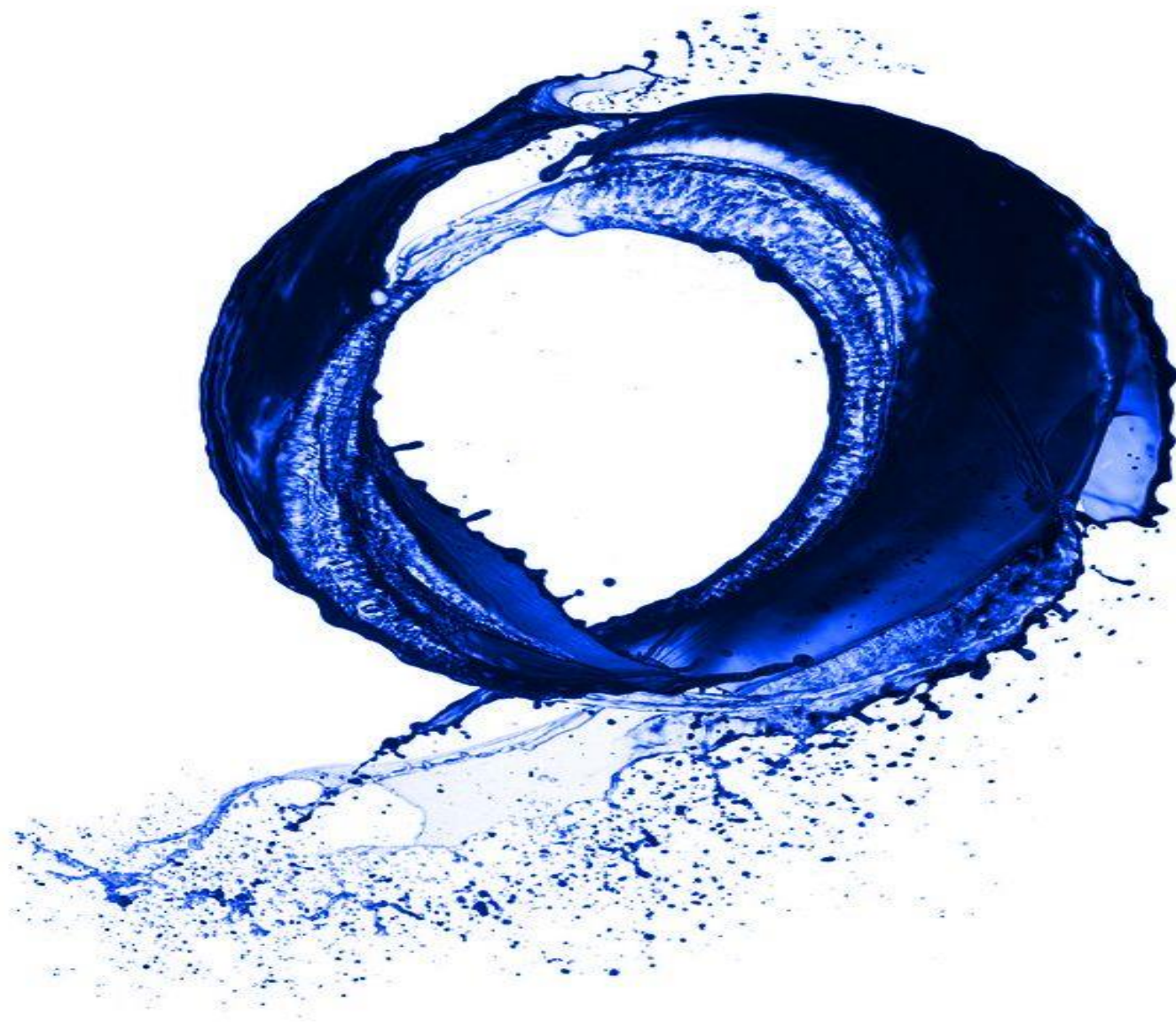
as

a powerful stranger

Listen....



Stand still....



What is to be done?

Where do we start?

What we believe  
to be true  
is true...

within limits...



to be discovered thru  
exploration,  
experimentation  
& insight

