

Date: Thu, 10 Jun 1999 15:42:52 -0500 (CDT)
From: Tom Chase <chase@deathstar.ATMOS.ColoState.EDU>
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Subject: Fwd: Your letter to SCIENCE

Dear Dr. Chase

Thank you for giving us the opportunity to consider your
comment on a paper by Wigley et al.

I regret to say that we have decided not to publish it.
We receive many more comments than we can accommodate
and must reject most of those submitted.

The author's reply follows

Yours sincerely,

Christine Gilbert
Letters Editor

Forward Header
Subject: Science-Comment by Chase
Author: Tom Wigley <wigley@ucar.edu> at Internet

The issue raised is that some of what is seen in the observed
SPATIAL PATTERNS of temperature change that has been attributed by
some authors to CO2 influences, might be due to landcover changes.
Their comment therefore has some bearing on pattern-based detection
studies like those (e.g.) of Santer et al. (1995), Hegerl et al. (1996),
Allen and Tett (1999) etc. But, even here, the connection would be
difficult to make, since the CO2 signal in these studies is difficult to
discern (see also, Wigley et al. (1998)). Hence, distinguishing between
CO2 and landcover-change signals would be even more difficult, given that
there appears to be some similarity between the two response patterns.

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Yours sincerely,

Tom M.L. Wigley

- References: Allen and Tett (1999) Climate Dynamics (in press)
Hegerl et al. (1996) J. Climate 9, 2281-2306.
Santer et al. (1995) Climate Dynamics 12, 77-100.
Wigley et al. (1998) Climate Dynamics 14, 781-790

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