

Ward,RE

From: VanDerMensbrugghe, Dominique (ESA)
<Dominique.VanDerMensbrugghe@fao.org>
Sent: 29 January 2014 12:54
To: Ward,RE
Cc: roson@unive.it
Subject: RE: Request for clarification about your paper

Bob:

This was a high emission scenario with no mitigation. We also assume little advance in clean energy. This results in the following climate signals:

	BaU Stock C	BaU rft	BaU temp
	ppm	w/m2	delT
2005	382	2.408	0.25
2010	393	2.608	0.53
2020	421	3.085	1.03
2030	459	3.678	1.45
2040	510	4.367	1.87
2050	572	5.124	2.32
2060	649	5.945	2.74
2070	744	6.827	3.22
2080	856	7.732	3.72
2090	984	8.636	4.24
2100	1128	9.528	4.79

Which as you can see has a higher radiative forcing than RCP8.5.

Best, Dominique.

From: R.E.Ward@lse.ac.uk [mailto:R.E.Ward@lse.ac.uk]
Sent: 29 January 2014 13:41
To: VanDerMensbrugghe, Dominique (ESA)
Cc: roson@unive.it
Subject: RE: Request for clarification about your paper

Hi Dominique,

One other question – could you confirm what temperature change you assume for 2050 and 2100?

Best wishes,

Bob

Bob Ward

Policy and Communications Director
Grantham Research Institute on Climate Change and the Environment
London School of Economics and Political Science

Houghton Street
London
UK
WC2A 2AE

Tel. +44 (0) 20 7107 5413
Mob. +44 (0) 7811 320346
Web: <http://www.lse.ac.uk/grantham>
Twitter: @ret_ward

From: VanDerMensbrugghe, Dominique (ESA) [<mailto:Dominique.VanDerMensbrugghe@fao.org>]
Sent: 29 January 2014 12:30
To: Ward,RE
Cc: roson@unive.it
Subject: RE: Request for clarification about your paper

Dear Bob:

Attached is the full list of results. I would suggest some caution in using these numbers as we are constantly revising the damage function parameters based on new econometric estimates. Many of the ones in the paper we published were generated in the AR4 process. For example, the agricultural impact functions that have been developed in the AR5 process suggest much more significant damage in agriculture before 2050 than the earlier report. We hope to revise all of the estimates in the near future.

Best, Dominique.

Dominique van der Mensbrugghe
Team Leader
Global Perspectives Studies Team
Agricultural Development Economics Division (ESAD)
Food and Agriculture Organization of the United Nations (FAO)
Viale delle Terme di Caracalla
Roma, I-00153
Telephone: +39 (06) 5705-5230
Email: Dominique.Vandermensbrugghe@fao.org
Skype: [dvandermensbrugg](#)

From: R.E.Ward@lse.ac.uk [<mailto:R.E.Ward@lse.ac.uk>]
Sent: 29 January 2014 13:17
To: VanDerMensbrugghe, Dominique (ESA)
Cc: roson@unive.it
Subject: RE: [SUSPICIOUS MESSAGE] Fwd: RE: Request for clarification about your paper

Dear Dominique,

Many thanks for this. So, if I understand correctly, your paper concludes that 84% of the 1.8% impact on GDP in 2050 would be due to changes in labour productivity?

Best wishes,

Bob

Bob Ward

Policy and Communications Director
Grantham Research Institute on Climate Change and the Environment
London School of Economics and Political Science
Houghton Street
London
UK
WC2A 2AE

Tel. +44 (0) 20 7107 5413
Mob. +44 (0) 7811 320346
Web: <http://www.lse.ac.uk/grantham>
Twitter: @ret_ward

From: VanDerMensbrugge, Dominique (ESA) [<mailto:Dominique.VanDerMensbrugge@fao.org>]
Sent: 29 January 2014 10:51
To: Ward,RE
Cc: Roberto Roson
Subject: RE: [SUSPICIOUS MESSAGE] Fwd: RE: Request for clarification about your paper

Dear Bob:

The numbers I have from that paper are 1.8 percent for global GDP loss in 2050 and 4.6 percent in 2100. Trust this helps. Best, Dominique.

Dominique van der Mensbrugge
Team Leader
Global Perspectives Studies Team
Agricultural Development Economics Division (ESAD)
Food and Agriculture Organization of the United Nations (FAO)
Viale delle Terme di Caracalla
Roma, I-00153
Telephone: +39 (06) 5705-5230
Email: Dominique.Vandermensbrugge@fao.org
Skype: [dvandermensbrugg](#)

From: Roberto Roson [<mailto:roson@unive.it>]
Sent: 29 January 2014 09:46
To: VanDerMensbrugge, Dominique (ESA)
Cc: R.E.Ward@lse.ac.uk
Subject: [SUSPICIOUS MESSAGE] Fwd: RE: Request for clarification about your paper

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Dominique,

can you reply to this?

Grazie

Roberto

----- Messaggio originale -----

Oggetto:RE: Request for clarification about your paper

Data:Tue, 28 Jan 2014 16:13:23 +0000

Mittente:<R.E.Ward@lse.ac.uk>

A:<roson@unive.it>

Dear Professor Roson,

I am following up on our exchange in November (see below). Were you able to obtain the figures I requested that relate to your paper?

Best wishes,

Bob

Bob Ward

Policy and Communications Director
Grantham Research Institute on Climate Change and the Environment
London School of Economics and Political Science
Houghton Street
London
UK
WC2A 2AE

Tel. +44 (0) 20 7107 5413

Mob. +44 (0) 7811 320346

Web: http://secure-web.cisco.com/auth=11emuzx44v-M0U1A-f1oReDik_UhD2&url=http%3A%2F%2Fwww.lse.ac.uk%2Fgrantham

Twitter: @ret_ward

From: Roberto Roson [<mailto:roson@unive.it>]

Sent: 07 November 2013 10:44

To: Ward,RE

Subject: Re: Request for clarification about your paper

Il 07/11/13 10:10, R.E.Ward@lse.ac.uk ha scritto:

Dear Professor Roson,

Many thanks for sending the reprint and for clarifying your conclusion. Does it mean that you calculate the total global damage from climate change to be 2.1% of GDP in 2050 and 6.1% of GDP in 2100?

I think that's correct. However the global figures were computed by my co-author, I need to check them if that is essential for you.

Prof. Roberto Roson
Dept. of Economics
Ca'Foscari University
Cannaregio S.Giobbe 873
Venice
Italy

<http://secure-web.cisco.com/auth=11zOQyDIGre3wljnRhfgOUAwi9Gzks&url=http%3A%2F%2Fvenus.unive.it%2Froson>

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