

To ACME  
Dame Julia Higgins  
<http://www.acme-uk.org/home>

June 24 2011

Concerning: My books “Elegance with Substance” (2009) and “Conquest of the Plane” (2011) in relation to your aim in advising the UK government.

Dear Dame Julia,

Allow me to compliment you with your good work and of your Committee. This and your passion for the role of mathematics are the only reason why I dare address you and hope to be helpful. I noticed ACME’s aim: “to act as *a single voice* for the mathematics education community to *government*, in the sense that it aims to provide an authoritative, credible, balanced and coherent position, which inevitably will not always represent the diverse views that might exist across the mathematics education community” (my italics). I also note that ACME’s origin lies with the Royal Society, which has the benefit of a wider scope than the mathematics community itself. I read your speech of the last Conference and various supporting papers, and feel confirmed that I should address you.

My intention in this letter is to help you in your aim to inform and advise the Department for Education in order to assist it in its drive to raise standards and promote mathematics at all levels within education.

My main advice is that you could advise the Department for Education to make available funds for a low cost distribution of my two books mentioned above, plus time for study by scientists and teachers who use mathematics (not mathematicians only), including conferences, and including the development of subsequent lesson plans and materials. At this moment the two books are available in PDF for free on my website. However, printed copies are more agreeable to study, and one would hope that those find a place on many desks. Printing is currently done in P.O.D. fashion, and mailing from Holland to the UK is expensive as well.

Clearly, you will not easily adopt this advice. Hence, a sub-advice is to form a working group either amongst ACME itself or from others who can report to you. Eventually though one would think that members of the Committee would read the books too.

Giving and taking advice could help cut short some strong resistances. Since you may not be aware of the latter, I take the liberty to provide a bit more information in the appendix.

Sincerely yours,

Thomas Cool / Thomas Colignatus  
Scheveningen, The Netherlands

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## Appendix

I will write about myself as “he”.

A bit more information about the author Thomas Cool / Thomas Colignatus and the two books “Elegance with Substance” (2009) and “Conquest of the Plane” (2011)

Thomas Cool (Jakarta 1954) is an econometrician (Groningen 1982) and qualified teacher of mathematics (Leiden 2008). He is candidate for President of the EU and adopts the name “Colignatus” for his scientific work to distinguish it from political positions.

As a student of econometrics he also took the subjects of logic and philosophy of science. This resulted in a draft book, that only was published in 2007: “A Logic of Exceptions” (ALOE). The book solves the liar paradox and the confusions about the “gödeliar”. Unfortunately, the professor in mathematical logic did not appreciate the analysis in 1980/81. Since his main subject was econometrics anyway the book was shelved at that time.

As an econometrician he worked at the Dutch Central Planning Bureau in 1982-1991 in the position of scientific co-worker. The CPB is the main advisor for the Dutch government for economic policy, and as such it was founded by Nobel Prize Winner Jan Tinbergen. He worked first on the paper, printing and publishing industries, then for multisector analysis, and last also for the long term projections 1990-2015. In 1989/90 in that long term study he developed an analysis on unemployment, that however met with resistance from the directorate, and was kept from internal discussion and eventual publication. CPB-studies tend to be supported by model exercises but he was not allowed to use the model for his novel approach for unemployment. Eventually the CPB-directorate dismissed him., using lies and the weak justice system.

The economic analysis is available as “Definition & Reality in the General Theory of Political Economy” (DRGTPE), 2<sup>nd</sup> edition 2005, and is presented as the sequel to Keynes’s General Theory and Tinbergen’s analysis on economic policy. In Montesquieu’s Trias Politica model for checks and balances there appears to be too much room for political powers to neglect and abuse scientific advice. Also a CPB as Tinbergen envisioned is inadequate. For the proper role of information it is required to have an Economic Supreme Court at the same constitutional level as the other three powers. The argument is supported by mathematical proofs, using definitions from economic theory rather than mere empirical data that are subject to fluctuations.

The CPB directorate offered that he could leave the CPB “voluntarily” on “good conditions”. Instead, Colignatus maintains that publication is a scientific venue, and that there is no adequate scientific reason why he could not publish in the CPB publication line of research memoranda under the author’s name. Since 1990/91 he protests against the censorship of science and the abuse of power by the CPB-directorate.

Since Dutch society does not care, he advises since 2004 to a boycott of Holland till the censorship is resolved. Incidentally, the 2<sup>nd</sup> edition of DRGTPE contains a warning about the economic crisis that happened since 2007, and it explains how to handle it. The economic crisis again confirms the analysis in DRGTPE.

Note that he does not publish in the economic journals. Some efforts to do so showed that this was rather useless. Labour economists did not understand taxes, nor taxation theorists the labour market, for example. A better strategy then is to write books, while the fundamental position is that the proper publication can only be done when the censorship is lifted.

Since the abusive dismissal from CPB, he has had various short term jobs. He was teacher of mathematics, statistics, logistics and operations management at HES / ISER for four years (college level). Since 2007 he has looked into highschool mathematics. The books “Elegance with Substance” (EWS) and “Conquest of the Plane” (COTP) are the result of considering mathematics education. Mathematicians are trained for theory and when they appear in class they meet with real life pupils and students. Their solution is to rely on tradition but it is better to re-engineer mathematics and the entire mathematics education industry. //