

From: Heun Matthew mkh2@calvin.edu

Subject: Request permission to use graph from Cleveland et al.

Date: September 9, 2014 at 12:24 PM

To: permissions@aaas.org

Cc: Packer David David.Packer@springer.com, Hall Charles A. chall@esf.edu, Dale Mik mikdale@gmail.com, Haney Becky brh22@calvin.edu



Greetings:

In accordance with policies listed at <http://www.sciencemag.org/site/help/about/permissions.xhtml#spec>, I would like to ask permission to reproduce a graph from a 1984 issue of Science in a book that I'm writing.

Thank you for your consideration.

Cheers,

Matt

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Here are the details:

Your name, institute, and title

Matthew Kuperus Heun, Calvin College, Professor of Engineering

Your complete mailing address, phone number, and fax number

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Identify the content you wish to use:

AAAS publication title (Science; Science Classic; ScienceNOW; Science Careers; Science Signaling (or STKE); Science Translational Medicine; Science Express; AIDScience; or SAGE KE)

Science, New Series

Article title

Energy and the U.S. Economy: A Biophysical Perspective

<http://www.jstor.org/stable/pdfplus/1693932.pdf?acceptTC=true&jpdConfirm=true>

Authors' names

Cleveland, Costanza, Hall, and Kaufmann

Volume number, issue date, page numbers (provide all that apply)

Vol. 225, No. 4665, 31 August 1984, pp. 890-897

Specific figure numbers or portion of text (or supply a photocopy)

Figure 1c, p. 891

Include the following information about your intended use:

Type of work in which our material will be used (e.g., book, journal, newsletter, poster, etc.)

Book

Title of work in which Science material will appear

Beyond GDP: National accounting in the age of resource depletion

Title of article/chapter (if you are using the material in a journal, newspaper, newsletter, or book)

Chapter 1: "Introduction: The end of an era"

Author(s)/editor(s)

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Intended audience for the work

Biophysical economists, the Bureau of Economic Analysis, Energy analysts