<<20130704>> Archived distributions can be retrieved at; <<http://tinyurl.com/azg3eyl>>. This archive includes a html version of this list distribution and its MS/WORD version with its filename as “year-month-date.doc.” You can also access all of its attachments, if any.  
  
Prof. Robert Costanza <<costanza@thesolutionsjournal.com>>  
  
Hans Rudolf Herren, Ph.D. <<hh@millennium-institute.org>>  
  
Weishuang (WS) Qu <<wq@millennium-institute.org>>  
  
**References:**

(a) Kubiszewski, I, et al, “Beyond GDP: Measuring and achieving global genuine progress”  
Elsevier, Ecological Economics 93 (2013) 57-68  
<<http://tinyurl.com/kd4hf65>>  
  
(b) Wikipedia, Genuine progress indicator  
<<http://en.wikipedia.org/wiki/Genuine_progress_indicator#Calculation_formula_of_GPI>>  
Look also, Section 4: Calculation formula of GPI

**Dear Prof. Costanza:**  
(1) Many thanks for your msg (**ATTACHMENT I** below).  
  
Thanks also for your excellent paper (Reference (a) above).  I read it with great interest.  
  
**Dear Hans, WS and GEWS/ECOWAS Colleagues:**  
(2) If you have not yet, pls consider to utilize the GPI in your socio-economic-energy-environment simulation models (References (a) and (b) above).  
  
(3) If you do so, your work would be proactive rather than reactive as his paper — with your simulation model, and hence more appropriate for your policy analysis and consultation to decision-makers.  
  
Keep in touch.  
  
Best, Tak

**ATTACHMENT I**

**From:** Robert Costanza <<costanza@thesolutionsjournal.com>>  
**Subject: new paper calculating Global GPI  
Date:** July 2, 2013 9:58:36 PM EDT  
**To:** Solutions List <<solutions@lists.pdx.edu>>  
**Reply-To:** <solutions@thesolutionsjournal.com>  
  
Hi All.  
  
I just wanted to draw your attention to a recent paper (attached) I co-authored that calculates a global GPI (Genuine Progress Indicator).  GPI takes income distribution into account, along with household and volunteer work and the costs of natural, social, and human capital depletion. This is the first synthesis of national GPI studies to get a global estimate.  
  
We got some pretty interesting results showing that global GPI/capita peaked in 1978. This means that globally the external costs of economic growth have outweighed the benefits since 1978.  We also found that globally, GPI/capita does not increase beyond a GDP/capita of around $6,500/capita.  
  
Take a look and forward to others who may be interested.  
  
All the best  
Bob  
  
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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
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