<<20130515>> Archived distributions can be retrieved at; <<http://tinyurl.com/azg3eyl> <<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.

Ms. Astrid Hogmo <[astrid.hogmo@me.com](astrid.hogmo%40me.com)>

Hans Rudolf Herren, Ph.D. <[hh@millennium-institute.org](hh%40millennium-institute.org)>

Professor Jørgen Randers <[jorgen.randers@bi.no](jorgen.randers%40bi.no)>

**References:**

(a) Hans Herren, Millennium Institute; Support Letter for GEWS/Scandinavia
<<http://tinyurl.com/agn23lk>>

(b) Synopsis of The Global Early Warning System (GEWS) and The Global University System (GUS) (May 3, 2013)
<<http://tinyurl.com/ct2b6cn>>

(c) Item (3) of;
(20111228) Initial contact to FutureICT Team of the "Living Earth Simulator (LES)" project
<<http://tinyurl.com/7dnnuc8>>

(d) Item (2) of;
(20130508) Globally networked risks and how to respond
<<http://tinyurl.com/cht23fh>>

(e) Takeshi Utsumi, "Globally Collaborative Environmental Peace Gaming (GCEPG)"
<<http://tinyurl.com/k2c7a>>
This project is now out-grown to GEWS

(f) Chapter 2 of Draft of Proposed Book; "Electronic Global University System and Services"
<<http://tinyurl.com/6r8c63>>

(g) Takeshi Utsumi, P. Tapio Varis, and W. R. Klemm
"Creating Global University System (GUS)"
<<http://tinyurl.com/sfgm7>>

(h) Items (4), (9) and (11) of;
(20091021-B) Distributed simulation to comply with "Basic Iron Rule of Simulation," compared with the "Limits to the Growth" approach
<<http://tinyurl.com/bojcjrf>>

**Dear Astrid:**(1) Many thanks for your msg (ATTACHMENT I below).

(2) When you will visit the University of Bergen, pls do not forget to bring the wonderful support letter Hans Herren of Millennium Institute kindly provided to you (Reference (a) above) -- together with the Reference (b) about our GEWS project.

**Dear Hans:**Many, many thanks for your support letter.

This is because he was there a few days ago and his institute has a long standing very close relation with the university.

(3) At your mtg at the university, you may emphasize the urgent need to utilize the **distributed** simulation approach as I mentioned as follows in the Reference (b) above;

A related challenge is that while global simulation models of socio-economic-energy-environmental systems do currently exist, they generally disregard national boundaries. This is impractical, because nations and their peoples are unique. Local experts know their homeland, its intricacies, and how its people relate to neighboring populations.

Ignoring national identities is a violation of the basic rule of simulation. Its consequences include inaccuracies despite huge expenditures for intellectual manpower, and more money spent for computing, information and telecommunication facilities that are not effectively used.

(4) At your mtg at the university, you may also quote my following anecdote (Reference (c) above);

“However those scientists at the M.I.T. are smart, Japanese knows about Japan much better than they are, since American eat steak with knife and folk while Japanese eat noodle with chopstick.”  This was the time when my idea on the “Distributed Simulation System” was born.

(5) I coined “Global Neural Computer Network” in early 1980s and which was often used by then the Vice President Al Gore, I then stated the followings in the Reference (d) above;

The socio-economic-energy-environmental simulation models of various countries scattered around the world would correspond to the neuron of the global brain, synapsis to the routers of Internet, nerves to the Internet, etc.  This also depicts the basis of our GEWS technical structure, i.e., the distributed simulation.

(a) I then presented my first paper on the distributed simulation at the first International Conference on Computer Communication (ICCC) in Washington, DC in the fall of 1972  (Reference (e) above).

(b) I then initiated the globalization of Internet in 1970s to early 1980s (Reference (e) above).

(b) I then worked on the deregulation on the use of email (Reference (e) above), since I foresaw the need to communications among game players around the world — some say that this even led to the Arab Spring!!

(c) I then conducted a series of “Global Lecture Hall (GLH)” multipoint-to-multipoint, multimedia interactive videoconferencing as spanning the globe with the use of hybrid technologies (Reference (f) above), since I realized that the text-oriented email is not enough for transmissions of engineering diagrams and high-resolution medical images.

(d) I then initiated the creation of Global University System (GUS) (Reference (g) above).

Our GEWS project is the culmination of those activities.

(6) You may print out References (a) and (b) above and give to the people at the University of Bergen.

(7) After May 21 (when Prof. Randers comes back to his office), you may visit him in Oslo, too, with the same materials.

Pls convey my best personal regards to him — pls tell him that I wish to rekindle our friendship with him again who triggered changing the world!! -- see Reference (h) above.

Wishing you a very good luck to your mtg with them,

Best, Tak

**ATTACHMENT I**

**From:** Astrid Høgmo <[astrid.hogmo@me.com](astrid.hogmo%40me.com)>
**Subject: Bergen
Date:** May 15, 2013 5:52:02 AM EDT
**To:** Tak Utsumi <[takutsumi@earthlink.net](takutsumi%40earthlink.net)>, Francisco Bozzano-Barnes <[paco.bozzano@gmail.com](paco.bozzano%40gmail.com)>

Dear Tak and Paco

Wish me well, I am leaving for Bergen next tuesday (:

Love-Astrid

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