

BUILDING THE WORLD PRIZE

AN ESSAY COMPETITION FOR SYSTEM DYNAMICS STUDENTS AND PRACTITIONERS

Building The World (Greenwood, 2006) is a two volume encyclopedia that explores 3000 years of technical and engineering innovations that improved energy and water resources, transportation, and communication systems.

Building The World announces the **Building The World Prize**, a **\$1000 prize** for the winner of an essay competition for system dynamics students and practitioners on plausible approaches to improve the world's future. International Association of Macro Engineering Societies (IAMES) has identified 10 critical global problems. Competitors are invited to submit essays that target one of the IAMES critical problems or one of the online selections from an Internet survey at buildingtheworld.com.

The critical problems that can be the topic of the essay are:

- AIDS control and prevention program**
- Development and deployment of economic renewable energy systems**
- Use of hydrogen to power motor vehicles**
- Electric car commercialization system**
- Nuclear waste disposal complex**
- Universal removal of land mines**
- Large reverse-osmosis plants in heavily populated, arid coastal areas**
- Global disaster relief service**
- International food reserve**
- Superconducting maglev rail systems**
- Importance of resolving the new ethics issues posed by complex projects**
- Global climate change and protection (Internet write-in vote)**

Criteria for essays include:

- 1) Utilization of the principles of system dynamics;**
- 2) Foundation or inspiration of one of the 41 initiatives in Building The World;**
- 3) Attention to public policy issues involved in developing global initiatives;**
- 4) Environmental/economic considerations regarding long-term benefit;**
- 5) Suggestions of iconic/architectural representations to inspire public commitment.**

The best essay in each category will receive a commendation of Honorable Mention. The winning essay will be published on buildingtheworld.com and receive the Building the World Prize of \$1000.

Competition Timetable:

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| February 1, 2008 | Abstracts (200 word in PDF document) due at buildingtheworld.com |
| April 21, 2008 | Essays (PDF only) due at buildingtheworld.com |
| May 20, 2008 | Winners announced |

If you have any questions about the competition, please contact us at prize@buildingtheworld.com.

