

BUILDING THE WORLD PRIZE

AN ESSAY COMPETITION FOR SYSTEM DYNAMICS STUDENTS AND PRACTITIONERS

Building the World by Frank P. Davidson and Kathleen Lusk Brooke (Greenwood 2006) explores 3000 years of technical and engineering innovations that improved energy and water resources, transportation and communication systems.

To learn from the past and solve critical problems of the future using the methodology of System Dynamics, a **\$1000 Award** will be given to the winner of an essay competition seeking plausible solutions to improve the world's future; each category will also have honorable mention recognition.

Select one of the following topics for your submission:

AIDS

control and prevention program

CLIMATE CHANGE

global projection system

DISASTER RELIEF

global service

ELECTRIC CAR

commercialization system

ETHICS

issues posed by complex projects

FOOD RESERVE

regional and global system

HYDROGEN

powered vehicles program

MAGLEV RAIL

systems

NUCLEAR

waste disposal complex

RENEWABLE ENERGY

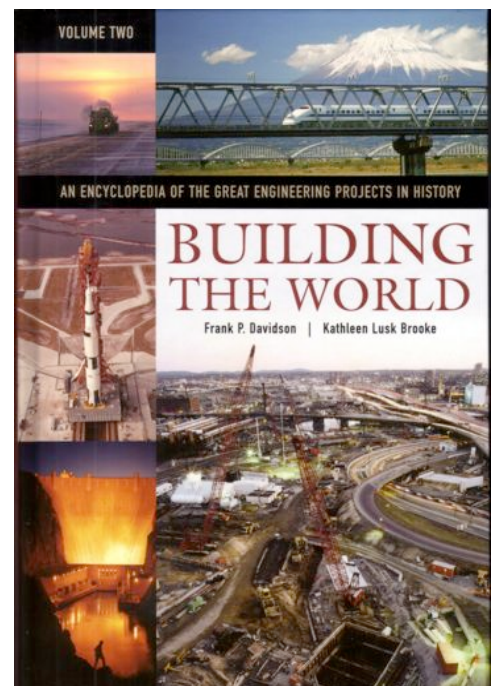
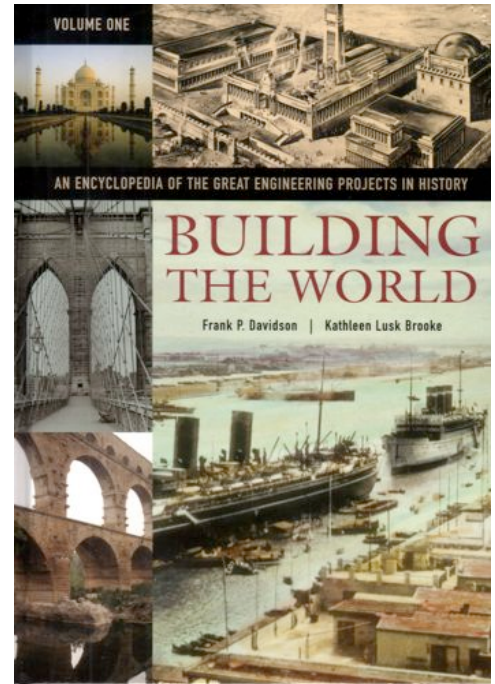
systems: geothermal, wave, wind, solar including satellites

REVERSE OSMOSIS

plants in heavily populated, arid coastal areas

SPORTSWAY

biking, hiking, equestrian parallel paths linking contiguous nations



Building The World

Frank P. Davidson

and

Kathleen Lusk Brooke

Greenwood Press, 2006

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2 Volume Hardcover Set (984 Pages)

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Criteria for essays include:

1. Utilization of the principles of system dynamics.
2. Foundation or inspiration of one of the 41 Building the World initiatives; sample chapter available on website.
3. Attention to public policy issues in developing global or regional initiatives.
4. Environmental and economic considerations of long-term benefits.
5. Iconic or architectural representations to inspire public commitment.

Competition Timetable:

April 2, 2008 Abstract: max 200 words in PDF format;
(Abstract must identify critical problem topic.)
+
Essay: max 5 pages and 1-3 diagrams/illustrations in PDF format.

May 12, 2008 Winner and honorable mentions notified.

May 20, 2008 Winner and honorable mentions announced;
Winning essay published in www.buildingtheworld.com.

NB: Submissions must include complete authorial contact information.

Please note that for coauthored papers, all authors will share equally in any prize awarded.

Submission of essay constitutes permission to publish on website.

Submit Entries to: www.buildingtheworld.com

Questions award@buildingtheworld.com