

CALL FOR PAPERS

The Geological Society of America is sponsoring a Special Volume titled:

*Geoscience for the Public Good and Global Development:
Toward a Sustainable Future*

We invite all (geoscientists and non-geoscientists alike) to consider submitting a paper to be included in this important volume that will appear in early 2015.

This project is a result of collaboration following the 2013 GSA Annual Meeting in Denver, and builds upon the success of sessions that were held then. It also responds to the great need to publicize the value of science applied to the solution of daunting problems in our interaction with earth systems and for the common good. The volume (see outline below) will include a very wide variety of articles, including case studies, conceptual commentaries, and many interdisciplinary examples that should educate and inspire readership.

Candidate articles may either be full papers (possibly averaging 5-15 pages) based on research, outreach, or demonstration of principles, or “extended abstracts” (2-4 pages) concerning work in progress and brief reports of pertinent experiences. Both types of papers should include references and figures and meet GSA formatting guidelines that will be emailed to interested parties.

If you are interested in contributing to this important publication, submit a **Statement of Interest** with 1) a proposed title, 2) a brief description of the work and intended scope of paper, and 3) authorship with contact information, via e-mail or regular mail no later than **February 15, 2014** to one of the two volume editors listed below. You will receive a response from the editors by **March 1, 2014**. Drafts of completed manuscripts including figures, references, etc., will be due **November 1, 2014**. Authors may be asked to assist by reviewing other articles with which they have no association. This will both help insure a timely publication and provide needed peer review.

Editors:

Greg Wessel
Geology In The Public Interest
P. O. Box 1135
Vashon, Washington 98070
gwessel@publicgeology.org

Jeffrey Greenberg
Professor of Geology and Envr. Science
Wheaton College
Wheaton, Illinois 60187
jeffrey.greenberg@wheaton.edu

***Geoscience for the Public Good and Global Development:
Toward a Sustainable Future***

OUTLINE:

- Preface/Foreword
- Introduction (Wessel/Greenberg)
 - Geoscience Foundations for Development Anywhere
 - The Importance of a Holistic/Multidisciplinary Approach
 - Organization of This Volume
- The Basics of Creating Sustainable Economic Activities
 - Environment, Equity, and Economic Development
- The Primacy of Social and Cultural Frameworks
- Political Complications, Theirs and Ours
 - The Ethics of Working Away From Home
 - Traps and Pitfalls
- Funding and Business Models
 - The Importance of Geophilanthropy
 - Empowering Local Businesses
 - Investment Opportunity or Neocolonialism?
- Case Studies in Geoscience for the Public Good
 - Untapped Natural Resources
 - Fresh Water Supplies
 - Metal Mining
 - Agricultural and Other Industrial Minerals
 - Fossil Fuels
 - Alternative Energy Sources
 - Waste Treatment and Mitigation
 - Wastewater Treatment
 - Mining and other industrial wastes
 - The Urban Landscape as Resource Repository
 - The Importance of Recycling
 - Mitigating Geologic Hazards
 - Seismic hazards
 - Landslides
 - Volcanic hazards
 - Flooding
 - Land Use Practices and Land Restoration
- Global Challenges for the Future
 - Energy Replacement
 - Carbon Sequestration
 - Adjusting to Climate Change
 - Soil Fertility, Agricultural Production and Sustainable Forestry
 - The Future of Mining
- Important Advice To You From Your Great Grandchildren (Wessel/Greenberg)