• October 20-21, 2009 – GUIRR Member Meeting titled “Diminishing Natural Resources: Recognizing Limitations, Responding to the Challenges”

• GUIRR 25th Anniversary Meeting

• Focus on rare earth minerals, metals, materials, oil, water, our nation’s strategic (military) reserve; virtually all element of the periodic table

• Dinner Keynote: Steven Koonin, Under Secretary for Science, U.S. Department of Energy
Numerous Outcomes
• Written/printed Meeting Recap, widely disseminated

• Congressional hearing organized and held by the Subcommittee on Investigations and Oversight, House Committee on Science and Technology, U.S. Congress – in consultation with GUIRR and tapping GUIRR meeting presenters

March 16, 2010 – 2318 Rayburn House Office Building

Rare Earth Minerals and 21st Century Industry

• EPA’s development/issuance of a new Request For Applications (RFA) for assistance in creating a Center for Sustainable Rare Earth Mineral Extraction Technology
• GUIRR meeting presenters invited to write articles for numerous publications, including:

  • *Issues in Science and Technology* (Summer 2010 issue)
    • “Critical Minerals and Emerging Technologies” by Roderick G. Eggert

  • *Mechanical Engineering* (ASME, June 2010)
    • “The Era of Insufficient Plenty” by John G. Voeller

  • *NCURA Magazine* (March/April 2010)

• The National Academies Science and Technology for Sustainability Program and its Sustainability Roundtable have drawn up plans to host a workshop later this year in collaboration with GUIRR on “Implications for Sustainability: A Focus on Materials”
• The GUIRR meeting generated renewed interest in a 2008 NRC report titled *Managing Materials for a Twenty-first Century Military* and helped jump-start plans for a newly envisioned NRC workshop on “Materials Availability for Manufacturing – Supply Chain Resiliency” proposed by the National Materials Advisory Board.

• Relevant news articles on the topic from the national and trade press widely disseminated to GUIRR members via electronic mail.
June 22, 2010 – Senator Murkowski (R-Alaska) introduced legislation to promote domestic production of rare earth elements crucial to high-tech and clean energy industries

• The Rare Earth Supply Technology and Resources Transformation (RESTART) Act

• The U.S. is estimated to contain 15% of the world’s rare earth reserves, but the nation remains dependent upon China for imports of nearly all of these critical materials

• Legislation is intended to help the US regain its position as a leader in the mining and processing of rare earth elements

• U.S. Rep. Mike Coffman (R-Colorado) introduced companion measure in the House in March 2010 (H.R. 4866)
Questions?