



- American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America.
- American Society of Civil Engineers (ASCE)
  - *Environmental Science and Technology*
  - *Industrial and Eng. Chemistry Research*
  - *Langmuir*
  - *Journal of Environmental Quality*
- American Society of Mechanical Engineers (ASME)
  - *Journal of Environmental Engineering*
  - *Journal of Water Resources Planning and Management*
- Elsevier
  - *Journal of Solar Energy Engineering*
  - *Applied Catalysis B: Environmental*
  - *Catalysis Today*
  - *Chemical Engineering Journal*
  - *Chemosphere*
  - *Journal of Colloid and Interface Science*
  - *Journal of Hazardous Materials*
  - *Journal of Photochemistry and Photobiology A: Chemistry*
  - *Materials Research Bulletin*
  - *Separation and Purification Technology*
  - *Solar Energy*
  - *Surface and Coatings Technology*
- International Water Association (IWA)
  - *Water Research*
  - *Water Science and Technology*
  - *Water Science and Technol.- Water Supply*
- John Wiley & Sons
  - *International Journal of Chemical Kinetics*
  - *Biotechnology and Bioengineering*
- King Fahd Univ. of Petroleum and Minerals
  - *The Arabian Journal for Science and Eng.*
- Kluwer
  - *Journal of Nanoparticle Research*
- Mary Ann Liebert, Inc. Publishers
  - *Environmental Engineering Science*
- Springer Science
  - *Topics in Catalysis*
  - *Water, Air & Soil Pollution*
- Water Environment Federation (WEF)
  - *Water Environment Research*

### **Funding Agencies-Proposals**

- National Science Foundation
- Department of Agriculture (DOA)
- American Chemical Society
- University of Wisconsin Water Resources Institute (WRI)
- Georgian-U.S. Bilateral Grants Program, U.S. Civilian Research & Development Foundation

## CONFERENCE SESSION ORGANIZED OR CHAIRED

- Member of the International Organizing Committee, The 6<sup>th</sup> International Conference on TiO<sub>2</sub> Photocatalytic Purification and Treatment of Water and Air, June 26-29, 2001, Niagara Falls, Ontario, Canada.
- Symposium Organizer (co-Organizer: Makram T. Suidan), Remediation of Water and Soil Contaminated with Gasoline Oxygenates: *In situ* and *Ex situ* Treatment Technologies, American Chemical Society, Chicago, Illinois, August 26-30, 2001.
- Member of the International Organizing Committee, The 7<sup>th</sup> International Conference on TiO<sub>2</sub> Photocatalytic Purification and Treatment of Water and Air, November 17-21, 2002, Toronto, Ontario, Canada.
- Member of the International Organizing Committee, The 8<sup>th</sup> International Conference on TiO<sub>2</sub> Photocatalysis: Fundamentals and Applications, October 25-30, 2003, Montreal, Canada.
- Member of the International Organizing Committee, The 9<sup>th</sup> International Conference on Advanced Oxidation Technologies for Water and Air Remediation, October 25-30, 2003, Montreal, Canada.
- Chairman of the Symposium Session, Oxidation by Oxone and Sodium Chlorite, Advanced Oxidation Technologies for Water and Air Remediation, October 25-30, 2003, Montreal, Canada.
- Member of the International Organizing Committee, The 9<sup>th</sup> International Conference on TiO<sub>2</sub> Photocatalysis: Fundamentals and Applications, October 24-28, 2004, San Diego, California.
- Chair of the session “Water Treatment with Photo-Fenton Processes, The 10<sup>th</sup> International Conference on Advanced Oxidation Technologies for Water and Air Remediation, October 24-28, 2004, San Diego, California.
- Symposium Organizer (co-Organizers: Linda K. Weavers and Wonyong Choi), Oxidation and Reduction Technologies for Water Treatment, AEESP-ACS Symposium (Division of Environmental Chemistry), 228th ACS National Meeting, August 22-26, 2004, Philadelphia, Pennsylvania.
- Co-chair of the session on Environmental-Photocatalysis (chair Panagiotis Smirniotis, co-chair Edgar Moctezuma), 19th North American Catalysis Society Meeting (NAM), May 22-27, 2005, Philadelphia, Pennsylvania.
- Symposium Organizer (co-organizers: Pratim Biswas Gregory V. Lowry, and Mark Wiesner), Environmental Nanotechnology, AEESP-ACS Symposium (Division of

Environmental Chemistry), 330th ACS National Meeting, August 28-September 1, 2005, Washington DC.

- Chair of the session *Nanocatalysis and Biocatalysis of the AEESP-ACS Symposium on Environmental Nanotechnology* (Division of Environmental Chemistry), 330th ACS National Meeting, August 28-September 1, 2005, Washington DC.
- Member of the International Organizing Committee, The 10<sup>th</sup> International Conference on TiO<sub>2</sub> Photocatalysis: Fundamentals and Applications, October 23-27, 2005, Chicago, Illinois.
- Member of the International Organizing Committee, The 11<sup>th</sup> International Conference on Advanced Oxidation Technologies for Treatment of Water, Air and Soil, October 23-27, 2005, Chicago, Illinois.
- Chair of the Session *TiO<sub>2</sub> Photocatalysis: Fundamental and Mechanistic Studies-II*, The 10<sup>th</sup> International Conference on TiO<sub>2</sub> Photocatalysis: Fundamentals and Applications, October 23-27, 2005, Chicago, Illinois.
- Chair of the session *Nanomaterials for Treatment and Remediation*, Session S6, Materials Research Society (MRS) Fall Meeting, November 28-December 2, 2005, Boston, Massachusetts.
- Member of the Panel Discussion on *Ethical and Legal Aspects of Nanomaterials and the Environmental Regulation*, Session S8, Policy and Legal Approaches for *Nanotechnology*, Materials Research Society (MRS) Fall Meeting, November 28-December 2, 2005, Boston, Massachusetts.
- Member of the International Scientific Committee, *The First European Conference on the Environmental Applications of Advanced Oxidation Processes (EAAOP)*, September 7-9, 2006, Chania, Crete, Greece.

## PROFESSIONAL AFFILIATIONS

1. American Association for the Advancement of Science (AAAS)  
Member 1999-2003
2. American Chemical Society (ACS)  
Member since 1998  
Member of the Division of Industrial and Engineering Chemistry (since 1998)  
Member of the Division of Colloid and Surface Chemistry (since 2000)  
Member of the Division of Physical Chemistry (since 2000)  
Member of the Division of Environmental Chemistry (since 2000)  
Member of the Division of Inorganic Chemistry (since 2003)  
Member of the Division of Nuclear Chemistry (2000-2003)

3. American Institute of Chemical Engineers (AIChE)  
Member since 1993
4. American Society of Engineering Education (ASEE)  
Member 2001-2004
5. American Water Works Association (AWWA)  
Member of both the National Association and the Ohio Chapter  
Member since 2000
6. Association of Environmental Engineering and Science Professors (AEESP)  
Member since 2000
7. Federal Water Quality Association (FWQA)  
Member since 2002
8. International Ultraviolet Association (IUVA)  
Member since 1999
9. Materials Research Society  
Member since 2005
10. North American Catalyst Society and Tri-State Catalysis Society  
Member since 2001
11. Sigma Xi, The Scientific Research Society  
Member since 2001
12. Water Environment Federation (WEF)  
Member of the National Association and the Ohio Chapter  
Member since 1996