



MEMORANDUM OF UNDERSTANDING  
BETWEEN



THE INSTITUTE FOR WATER RESOURCES (IWR)  
AND  
SANDIA NATIONAL LABORATORIES  
(SANDIA)

**The Institute for Water Resources (IWR), United States Army Corps of Engineers (USACE), and the Department of Energy's Sandia National Laboratories (Sandia, hereinafter jointly referred to as "the Parties":**

Having a common interest in integrated water resources management (IWRM) and computer aided dispute resolution;

Having independent missions with technical activities of mutual interest, and with each agency having an existing partnerships to promote research, capacity-building and promote effective water resources development and management policies in the United States and throughout the world;

Recognizing the benefit to each party's water resources management, scientific and capacity-building missions through mutual cooperation and joint activities when consistent with the policies, goals and laws governing each party;

Do hereby simultaneously declare the following framework for a relationship:

***Article I***

Sandia and IWR will use their efforts to establish a long-term cooperation and relationship in the field of **integrated water resources management, scientific research and capacity-building with an initial focus on Computer Aided Dispute Resolution.**

The Parties are especially interested in pursuing cooperative opportunities in the following areas of common interest:

1. Integrated water resources management, sustainable development in arid and semi-arid zones
2. Infrastructure development and related engineering design standards and procedures
3. Hydrologic analysis, risk analysis and systems analysis modeling tools
4. Groundwater, prediction of flash floods and mud flows
5. Environmental restoration, eco-hydrologic analysis and water quality
6. Consensus building and conflict resolution
7. Water policy, governance and institutional aspects
8. Capacity Building and training
9. Educational methods and systems

***Article II***

Each party shall designate a Principal Representative to serve as the primary point of contact between the parties on all matters arising under this MOU.

**Article III**

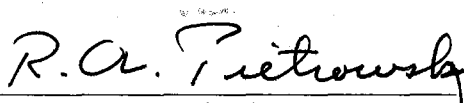
Any cooperative activity undertaken between the parties shall only be done under the authority of the laws, regulations, and policies governing each party individually.

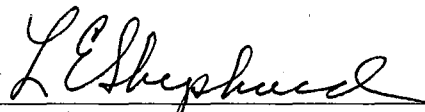
**Article IV**

Further, nothing in this document shall be construed as either authorizing or obligating either party to commit funds or resources to any project or work except as otherwise authorized by the laws, regulations, and policies governing each party individually.

**Article V**

This MOU shall become effective when signed by both USACE-IWR and Sandia.

  
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ROBERT A. PIETROWSKY  
Director, IWR

  
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LES E. SHEPHARD  
Vice President, Energy, Security, and Defense  
Technologies Division  
Sandia National Laboratories

18 Dec 2008  
Date

12 - 08 - 2008  
Date