



US Army Corps
of Engineers®



MEMORANDUM OF UNDERSTANDING
BETWEEN

THE INSTITUTE FOR WATER RESOURCES (IWR)
AND
FLORIDA INTERNATIONAL UNIVERSITY (FIU)



The Institute for Water Resources (IWR), United States Army Corps of Engineers (USACE), and The Florida International University Board of Trustees on behalf of Florida International University (FIU), hereinafter jointly referred to as "the Parties":

Having a common interest in integrated water resources management (IWRM) and promoting its practice in international water resources science and technology development and capacity building assistance to developing and emerging nations;

Having independent missions with activities of mutual interest to promote research, capacity-building and to enhance the use of effective water resources development and management policies throughout the world;

Recognizing the need to serve as catalysts and effective mechanisms for technology transfer from scientific research to practice in modern IWRM within developing nations, by capitalizing on the capabilities and complementary technical skills of the Parties, currently engaged in both the advancement of water science and the development of practical engineering and scientific methods for IWRM, and their transfer to developing nations around the globe, with a particular focus in the Western Hemisphere (the Caribbean, Central and South America);

Building on the experience of the Parties on water and sanitation, watershed planning, water and ecosystem management, as well as public participation and socioeconomic evaluation methods to promote and enhance social wellbeing, environmental quality, sustainable economic development, public health and safety through research, development and education activities in these fields; and

Being committed to innovative scientific research and technology development that would further the aims of IWRM, especially in the thematic areas of safe drinking water, the reduction of risks from water hazards, and the adaptation of water resources management to climate change;

Considering the common involvement of the parties in the UNESCO Category II International Center for Integrated Water Resources Management (ICIWaRM) and common interests related to the USAID Global Water for Sustainability Program, and the NASA-funded WaterSCAPES Program;

Do hereby simultaneously declare the following framework for a collaboration that will yield benefits 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:

Article I

FIU and IWR will use their best efforts to establish a long-term cooperation and collaboration in the field of **integrated water resources management, scientific research and capacity-building for developing countries and countries in transition.**

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

1. Integrated water resources management, sustainable development in terrestrial and coastal wetlands
2. Infrastructure development and related engineering design standards and procedures
3. Hydrologic analysis, risk analysis and systems analysis modeling tools
4. Flood control, mud and debris flow
5. Environmental restoration, ecohydrologic analysis and water quality improvements
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, in writing, a Principal Representative to serve as the primary point of contact between the parties on all matters arising under this Memorandum of Understanding.

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 and pursuant to a separate written agreement executed by the parties' respective authorized officials which sets forth the terms and conditions of such cooperative activity.

Article IV

Notwithstanding any other provision herein, nothing in this Memorandum of Understanding shall be construed as binding under International Law. 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 and as specified in a separate written agreement executed by the parties' respective authorized officials which sets forth the terms and conditions of such project or work.

Article V

This Memorandum of Understanding shall become effective when signed by both USACE-IWR and FIU.



ROBERT A. PIETROWSKY
Director, IWR

12 Jan 2010

Date



ROBERTO M. GUTIERREZ
Director, Pre-Award
Office of Sponsored Research Administration

1/8/10

Date