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# LWA MECHANISMS

## Global Program for Integrated Management of Coastal and Freshwater Systems (IMCAFS)



Photo: URI Coastal Resources Center

**The SUCCESS program focuses on coastal resources, aquaculture, and fisheries management.**

**The GLOWS program addresses integrated management of freshwater resources.**

The USAID/EGAT Water Team has launched a new Leader With Associates (LWA) cooperative agreement mechanism to advance the practice of integrated management of coastal and freshwater systems worldwide.

The **Global Program for Integrated Management of Coastal and Freshwater Systems (IMCAFS)** features two separate five-year Leader Awards, providing expertise in different sub-sectors:

- The **'IMCAFS-SUCCESS'** program (Sustainable Coastal Communities and Ecosystems) emphasizes coastal resources, aquaculture, and fisheries management, under the leadership of the University of Rhode Island's Coastal Resources Center.
- The **'IMCAFS-GLOWS'** program (Global Water for Sustainability) focuses on integrated management of freshwater resources, through a consortium led by Florida International University's (FIU) Institute for Sustainability Science.

For each award, core funding from the Water Team will support selected pilot projects in Africa, Asia, and Latin America, and promote the global development of innovation and knowledge exchange in each sector.

USAID Operating Units worldwide are invited to make non-competitive 'Associate Awards' with either leader, to carry out custom-designed programs in coastal and freshwater areas of specialization, including fisheries/aquaculture.

Detailed descriptions of each program as well as information about how to access the services of each are provided below.

### **SUSTAINABLE COASTAL COMMUNITIES AND ECOSYSTEMS PROGRAM (IMCAFS-SUCCESS)**

#### **Program Summary**

The SUCCESS program recognizes the people and institutions of the countries where it works as its primary partners and seeks to improve their well-being by promoting healthy coastal ecosystems and sustainable resource management through good governance. SUCCESS

is designed around four mutually reinforcing components that connect community-based demonstrations of successful natural resources governance to supporting policies at the provincial, national, and regional scales. This approach can be replicated and adapted to differences in context, complexity, and governance capacity of any coastal country. The four major Program components are:

- *Achieving Tangible On-the-Ground Results by*
  - Improving human well-being through healthy ecosystems and sustainable resource management
  - Implementing sustainable enterprises in coastal fisheries
  - Promoting ecosystem-based, low-impact aquaculture
- *Increasing Capacity through Training by*
  - Providing active mentoring systems among peers within and across target regions
  - Developing locally-tailored integrated coastal management (ICM) curricula by universities in targeted countries
  - Increasing in-country extension capabilities on key ICM topics
- *Establishing Regional Learning Networks with Effective Knowledge Management by*
  - Sharing information, technical expertise, experience and ideas on priority topics
  - Improving South-South and North-South cooperation
  - Encouraging field practitioners and applied researchers to better integrate their work
- *Applying Science to Management and Good Governance by*
  - Increasing understanding of the relationships between human activities and the condition of coastal environments and resources
  - Applying methods for monitoring societal and ecosystem change at a range of spatial scales



Photo: URI Coastal Resources Center

### Regional Activities

The SUCCESS Program is initiating its first core-funded pilot activities in the Latin America and Caribbean (LAC) and East Africa (EAF) regions. SUCCESS will collaborate with the Western Indian Ocean Marine Science Association (WIOMSA), EcoCostas, and other local organizations, to foster sustainability of coastal governance efforts by promoting regional learning networks and training programs for coastal management professionals. The consortium will work to lay the foundation for university-based coastal extension programs modeled on the U.S. Sea Grant Program that will provide integrated services related to sustainable mariculture, community-based coastal management, small-scale tourism enterprises, and improved management of inshore fisheries.

### Partners

The SUCCESS team is comprised of international and local partners with extensive experience and expertise in coastal ecosystem governance. The core team consists of:

- **University of Rhode Island - Coastal Resources Center (URI-CRC).** As the consortium leader, CRC has over 20 years of experience in the design, delivery, and evaluation of integrated coastal management (ICM) initiatives in developing nations. For more information visit <http://www.uri.crc.edu>.
- **University of Hawaii at Hilo - Pacific Aquaculture and Coastal Resources Center (UHH/PACRC).** UHH brings to the team strong expertise in ICM, sustainable aquaculture, fisheries, and extension. For more information visit <http://uhh.hawaii.edu/~pacrc>.
- **U.S. Sea Grant Program.** Sea Grant is the world's premier network of university-based centers linking extension, education, and applied research on the issues of coastal management, fisheries, and aquaculture. For more information visit <http://www.sga.seagrant.org> or <http://www.nsgo.seagrant.org>.

- **The Nature Conservancy (TNC).** TNC has substantial international marine conservation experience for protecting global biodiversity and implementing science-based natural resource management solutions. For more information visit <http://www.nature.org>.
- **Conservation International (CI).** CI works in more than 30 countries on four continents to conserve natural heritage and biodiversity, and to demonstrate that human societies can live harmoniously with nature. For more information visit <http://www.conservationinternational.org>.
- **World Wildlife Fund (WWF).** WWF is the world's largest and most experienced international conservation organization, with 4.7 million supporters and a global network active in more than 100 countries. For more information visit <http://www.panda.org> and <http://www.worldwildlife.org>.

For more information or to learn how to make an Associate Award, please contact CTO Richard Volk, EGAT/NRM, 202-712-5373, [rvoik@usaid.gov](mailto:rvoik@usaid.gov).



## GLOBAL WATER FOR SUSTAINABILITY PROGRAM (IMCAFS-GLOWS)

### Program Summary

The GLOWS program promotes the integrated management of water resources and aquatic ecosystems to simultaneously maximize the economic and social benefits derived from water resources while sustaining freshwater ecosystems. Working at a basin, watershed, or aquifer scale, the GLOWS consortium provides expertise across the policy, governance, institutional, educational, and technical dimensions of integrated water resources management (IWRM). Approaches combine advanced analytical techniques, innovative mechanisms for sustainable resource management and biodiversity conservation, community-based programs in poverty alleviation, improved sanitation and potable water supply, and global networking of local NGOs to achieve IWRM objectives. With field offices in most USAID countries, the consortium possesses the infrastructure and skilled staff to plan and implement projects efficiently wherever USAID operates. The program includes three key elements:

- *Strengthening Cooperative Governance and Strategic Decision-Making for IWRM by*
  - Promoting citizen participation, community involvement, intergovernmental cooperation and collaborative approaches to decision-making in IWRM
  - Building capacity of government officials and administrators, NGOs, and community members in effective development, planning, management, and administration of complex IWRM activities
- *Supporting innovative and sustainable technical interventions by*
  - Promoting best practices in water demand management and pollution prevention
  - Fostering sustainable fisheries, aquaculture, and aquatic ecosystem protection
  - Working with communities to provide sustainable water and sanitation services



Photo: Meg Findley

- *Fostering global learning and local capacity building in IWRM by*
  - Sharing information and disseminating lessons with USAID Missions and other peers in the field
  - Recruiting and training talented citizens of USAID Mission countries, in order to cultivate local and regional leadership and capacity to implement world-class IWRM activities

## Regional Activities

The GLOWS Program is initiating its first core-funded pilot activities in the LAC, AFR, and ANE regions, reflecting the range of geographical, cultural, and socioeconomic settings in which USAID operates. Pilot projects are designed to be proving grounds for new technical, economic, organizational, and political approaches to IWRM in selected river basins. They will also enable the consortium to engage in field activities immediately and to rapidly consolidate a system for collaboration and coordination among partners. Lessons learned through pilot projects will be applied to other USAID program activities to advance overall learning and experience of the Agency in integrated water resources management.

## Partners

The IMCAF-GLOWS team is comprised of international and local partners with extensive experience and expertise in integrated water resources management. The core team consists of:

- **Florida International University (FIU).** FIU is the lead organization of the GLOWS consortium. The Institute for Sustainability Science, the Institute for Public Management and Community Service, and other university units will bring specialized expertise in community-based governance, sustainable watershed and ecosystem management, advanced training, and interdisciplinary analytical techniques as applied to IWRM. For more information visit <http://www.fiu.edu>
- **World Wildlife Fund (WWF).** WWF is the world's largest and most experienced international conservation organization, with a Global Freshwater program working to promote policy reforms, best practices, conservation of wetlands and other critical ecosystems, and poverty reduction of dependent communities. For more information visit <http://www.panda.org> and <http://www.worldwildlife.org>
- **World Vision U.S.** A Christian relief and development organization, World Vision works in nearly 100 countries to provide assistance in a variety of development sectors including emergency relief, safe water supplies and improved sanitation, food security, agriculture, and economic development. For more information visit <http://www.worldvision.org>
- **LakeNet.** This network of more than 1,600 individuals and organizations from more than 100 countries works on the conservation and sustainable development of lakes around the world. For more information visit <http://www.worldlakes.org>
- **Amizade.** Amizade is an organization that encourages intercultural exploration and understanding through community-driven service-learning courses and volunteer programs, having help placed over 2,600 American volunteers over the last eight years. For more information visit <http://www.amizade.org>

For more information or to learn how to make an Associate Award, please contact CTO Sharon Murray, EGAT/NRM, 202-712-0515, [smurray@usaid.gov](mailto:smurray@usaid.gov)



## IMCAFS CROSS-CUTTING PROGRAM

In recognition that coastal and freshwater ecosystems are intimately linked, USAID will support collaboration between the SUCCESS and GLOWS efforts in knowledge management and capacity building, as well as implementation of selected pilot activities or Associate Awards. Both programs will also make use of American volunteers to promote greater networking among U.S. professionals and those in the regions and countries where the LWA operates.