

The Horticulture CRSP

(Collaborative Research Support Program)

**University of California, Davis
and
US Agency for International Development**

Ron Voss, Director

Goals of the Horticulture CRSP

Through Horticulture,

- **reduce poverty**
- **improve nutrition and health**
- **improve sustainability and profitability**



Objectives of the Horticulture CRSP

To improve

- **production & marketing**
- **food security**
- **nutrition and human health**
- **diversification of income**
- **economic and social condition of the rural poor, particularly women**



Themes of the Horticulture CRSP

- **Information Accessibility**
- **Technology Innovation**
- **Gender Equity**



Priorities of the Horticulture CRSP

- **Sustainable crop production**
 - Germplasm, biotic & abiotic factors, etc.
- **Postharvest technology**
- **Food Safety**
- **Market access**
- **Financing**



Essential Components

All Hort CRSP Activities will:

- **Address HortCRSP Issues and Themes**
- **Include an active US/developing country partnership**



Management Team

Ron Voss – Director

Beth Mitcham – Associate Director

Mark Bell – Leader, Communications and Learning

Michael Reid – Leader, Innovation and Special Projects

Heather Kawakami - Budget & Finance

Amanda Crump – Program Representative

Peter Shapland – Graduate Student Assistant

Diana Puccetti – Office Manager



Types of projects



- Immediate Impact Projects
 - “Shovel ready” projects of one year duration



- Exploratory Projects
 - Short term
 - Problem analysis
 - Develop networks of collaborators for subsequent projects



Types of projects



- Pilot Projects

- Major, multi-investigator grants of 3 year duration



- Associate Awards

- Previously funded, or new, projects may lead to requests for Associate Awards funded by USAID Missions

Immediate Impact Projects

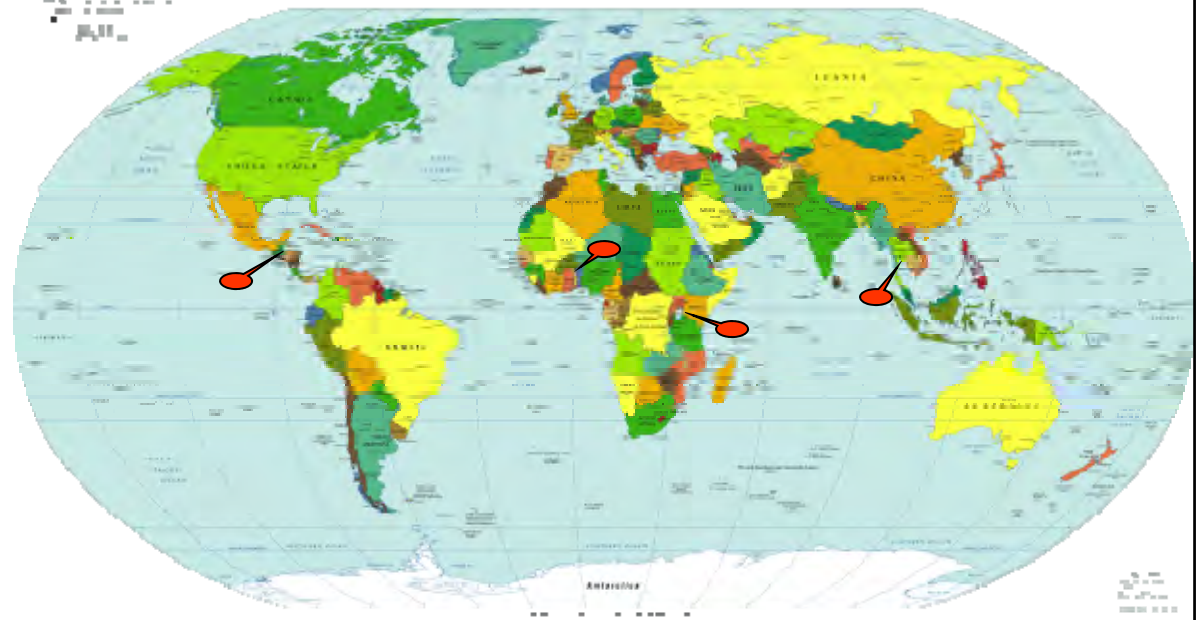
- One year duration
- Must show impact(s) in one year
- Maximum \$150,000
- Short turn-around on RFP
- 15 Projects to be approved January 2010



Regional centers

- Established in recognized regional institutions
- Will become regional foci for Horticulture CRSP activities
 - Training
 - Research
 - Outreach
 - GHIC

Political Map of the World, April 2006



Inception Workshop

- CRSP partners and present and potential collaborators.
- Focus on the grants process, the primary issues, creating networks, and forging collaborations for project development

International Advisory Council

- Review plans and policies.
- HORT CRSP requirements and expectations.
- Monitoring & Evaluation training to better assess projects and their impacts.
- RFA's for Exploratory and Pilot Projects
- Selection of Technical Review Panels
- Establishment of Regional Centers of Excellence

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- Innovative, game-changing
 - Genetic engineering for novel germplasm



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 - Transportation, lighting, communication, desalination
 - Novel production technologies
 - Retractable roofs
 - Robotic systems for production
 - Advanced communication tools
 - cell phones, PDAs



HortCRSP Knowledge Bank

- Build on UCD and UC RICs
 - IPM, Fruits and Nuts, Postharvest, Veg Crops, Ornamental Horticulture
- Link to all available information resources
- Focus on extending information
- Novel tools
 - Cell phone and PDA
 - Textless information systems
 - Video technologies

Information and access

- Most partners have information systems
- Need to coordinate and facilitate searching and access
 - Virtual information center
- Novel web algorithms
 - Wolfram Alpha
 - Mashups
- Proposal – early meeting of key partners and potential supporters
 - GHI, AVRDC, Google, Intel, UCD GSM



Forging synergies

- Many important players
- Range of roles
- Seeking complementarity
- Funding collaborative research
- Providing opportunities for training
- Building capacity
- Information access



Strategic alliances

- Cornell, Hawaii, NCSU
- Other LG and public universities
- Other CRSPs (IPM, ?)
- USAID
 - Washington (Larry Paulson, Jim Yazman)
 - Missions (regional, in-country)
- In-country universities and institutions
 - NARES
- CGIARs
 - ICRISAT, AVRDC, ICIPE, IITA,??
- NGOs
 - GHI, CARE, BMGF, Google.org, Gates Fdtion, etc
- Professional societies
 - ASHS, ISHS

The End



Questions?

