

PWA Remote Sensing Workshop

April 29-30, 2009

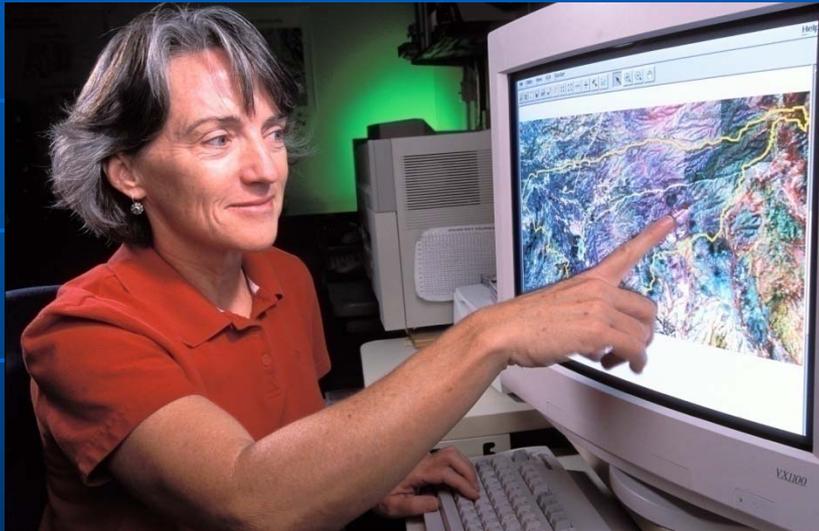
Andrew C. Hammond, Area Director

USDA, ARS, Pacific West Area

Albany, California

Thank You

Organizing Committee



- Susan Moran
- Kristina Schierenbeck
- Charlie Walthall
- Ray Carruthers
- Andy French
- Danny Marks
- David Bubenheim

Arrangements and support: Veronica Laird, Sarah Hutcheson

Welcome Participants!

- About ARS
- Workshop Objectives



About ARS

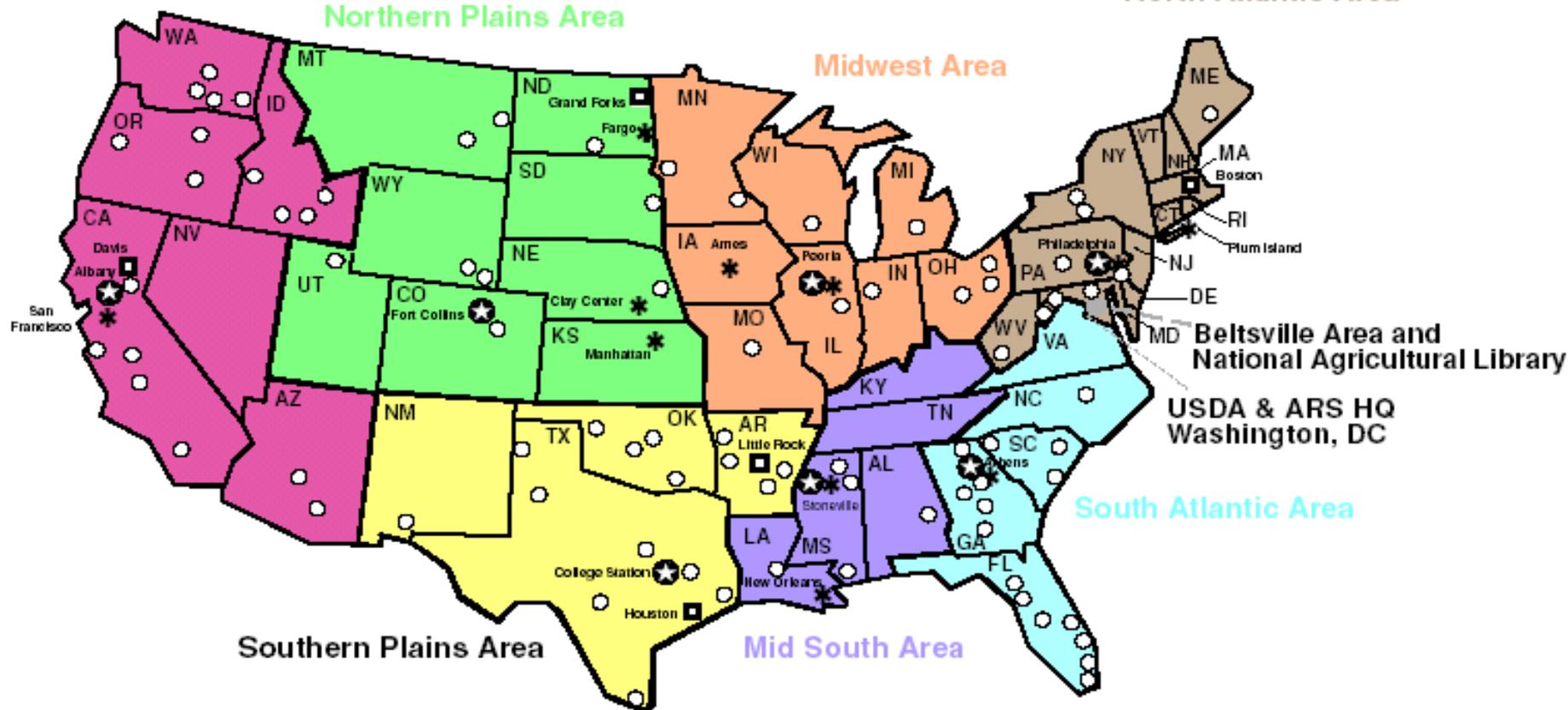
- USDA's chief scientific research agency
 - Food, feed, fiber, flowers, and fuel
 - Develop and transfer solutions to agricultural problems
 - Support the research needs of action agencies

Pacific West Area

Northern Plains Area

North Atlantic Area

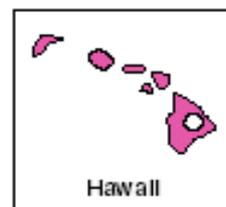
Midwest Area



Beltsville Area and National Agricultural Library

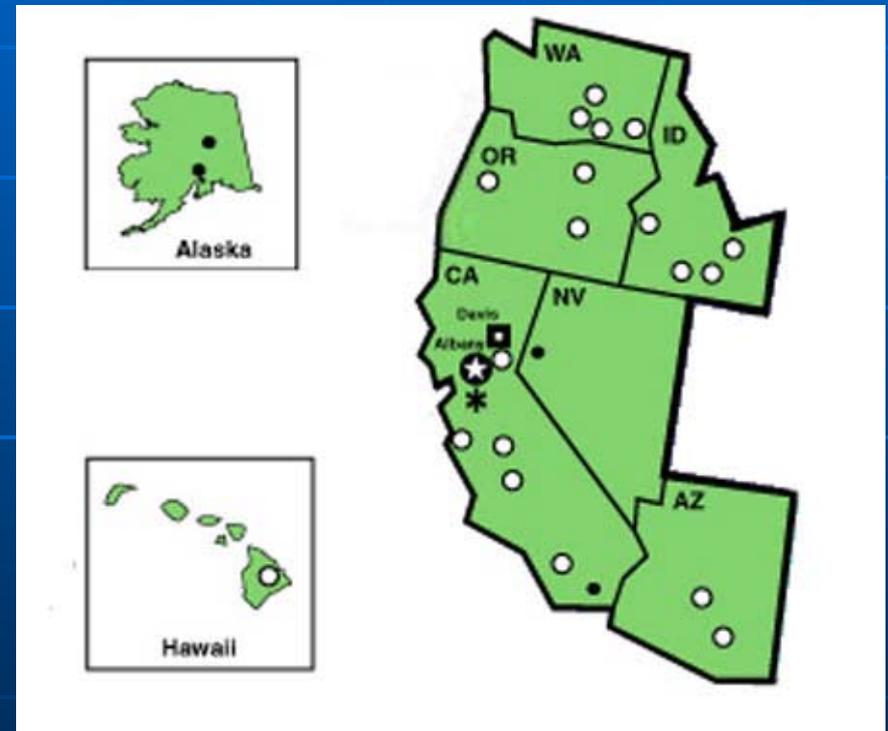
USDA & ARS HQ Washington, DC

- ★ (in circle) Area Offices
- ★ Research Centers
- Human Nutrition Centers
- Research Locations



Pacific West Area

- 47 research units
- 21 locations
- 14 worksites
- 380+ scientists
- 1,500 total employees
- \$158 M base program
- \$16 M extramural and in kind support



Workshop Objectives

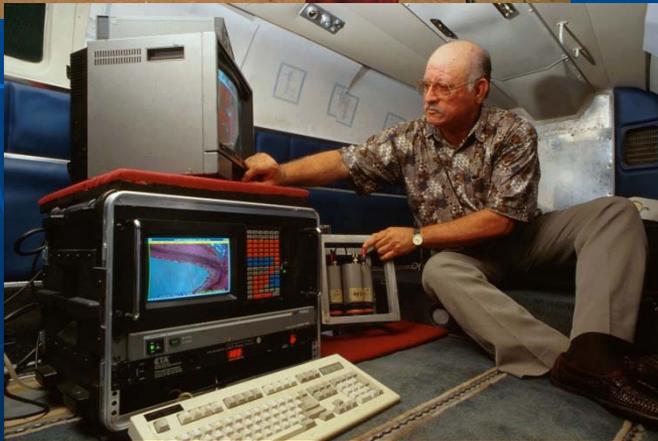
- Information sharing – applications and state of the science
 - What's known
 - What's possible
- Help focus current research and develop a vision for future research – position PWA
 - Leveraging remote sensing technologies
 - Capturing synergy from collaborations

Workshop Products



- Summary (posters) of current research using RS
- Strategies for leveraging RS technology in PWA research (breakout reports)
- Ideas for proposals and initiatives that would enhance and expand research using RS approaches

Potential Impact



- PWA scientists positioned as leaders in remote sensing science
- Raised profile of PWA remote sensing research
- Enhanced research excellence through collaborations
- Increased competitiveness through coordinated capacity for remote sensing

OMB Research & Development Investment Criteria

ARS National Program Cycle



How ARS Sets Priorities

**Congress and Executive Branch
(OMB, Department, other Federal agencies)**



**Customers,
Partners &
Stakeholders**



**ARS
Scientists &
Managers**



**Scientific
Community**

