UCANR/CDFA Climate-Smart Agriculture

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Overarching Goal

• Encourage adoption of science-based climate-smart farming and ranching practices

• Promote climate change mitigation
  – Greenhouse gas reductions
  – Carbon Sequestration

• Promote climate change adaptation
  – Increase on-farm resiliency
Encourage Participation

• Technical assistance for growers and ranchers in applying for:
  – Statewide Water Efficiency and Enhancement Program (SWEEP)
  – Healthy Soils Program (HSP)
  – Alternative Manure Management Program (AMMP)

• Work in partnership with County Cooperative Extension and local RCDs
Support Participation

• Help growers and ranchers successfully implement Climate-Smart Agricultural Practices
  – Planning
  – Applying
  – Implementing
  – Reporting
Encourage Adoption of Climate-Smart Agriculture Practices

- soil health
- cover cropping
- no/low till
- wind breaks
- compost application and management
- irrigation systems upgrades
- irrigation management
- nutrient management
- manure management

Analyzing Irrigation Efficiency
Support Local Programs

- Assist in research, extension and outreach on implementation of climate-smart farming and ranching management practices. Including:
  - Climate-Smart Agriculture field days
  - Train-the-trainer events
  - Implement new research in on-farm settings
  - Assist farmers and ranchers in voluntarily implementing Climate-Smart Agriculture practices
Support State Climate-Smart Agriculture Programs

• Be the primary interface between new research and management practices that could be added to the incentive programs at CDFA

• Conduct relevant outreach, extension and research that leads to opportunities to test discoveries related to Climate Smart Agriculture at farm scale
Provide Assistance

• 10 Community Education Specialists Working with Local Cooperative Extension Advisors
  – Mendocino
  – Glenn
  – Yolo
  – Santa Cruz
  – Ventura
  – San Diego
  – Imperial
  – San Joaquin
  – Fresno
  – Kern
### Provide Assistance

<table>
<thead>
<tr>
<th>County</th>
<th>Local Supervisor</th>
<th>Programmatic Supervisor</th>
<th>Community Education Specialist</th>
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<td>Mendocino</td>
<td>Glenn McGourty</td>
<td>Betsy Karle</td>
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<td>Brian Marsh</td>
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Community Education Specialists

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