

**Program Team:** Water Program Team

**Why such reports.** We need **simple** ways to collect quick overviews of key things happening in each of the PTs. We can then better **communicate** and **advocate** for the wonderful breadth of activity that is happening across UC ANR. As some other PT leaders indicated, when they get money from industry or others to meet, a simple report on the meeting is the norm.

The report would be **simple** and **post-event**. Suggestions for a better report structure most welcome.

### Meeting objectives

1. **Share and communicate the research that members of the PT are doing throughout the state**
2. **Train PT member in specific topics and update them in recent regulations**
3. **Discuss activities and objectives for the Water PT**

### Primary meeting outcomes

1. **Four training sessions: Crop ET, Environmental Flows and Surface Water Flow Measurements, CropManage, Irrigation Systems and Water Metering**
2. **Update in knowledge related to five different policies and regulations: (1) Regulations, policies and research on Cannabis, and (2) New technologies in irrigation and timing of irrigation, and (3) Water Efficiency Bills: AB-1668 and SB-606, (4) Irrigated Land Regulatory Program, and (5) Sustainable Groundwater Management Act**
3. **Discussion related to the roles and responsibilities of the Water program Groups, Water Program Team and the strategic initiative of Water**

### Next steps

1. **\_ More training sessions: Irrigation Systems 101 and flow metering**
2. **\_ Planning for webinars throughout the year**
3. **\_ Coordination with the Water Strategic Initiatives**

**How the PT activities fit with the larger SI picture (See table for reference).**

- **Water, SNE, EIPD**

**We see the PT is consistent with these Focal areas**

- **Integrated Management, Enhancing our water supply, safe and secure drinking water, Safe & secure surface water, Safe & sustainable groundwater, Holistic water management**

**And fits with these Grand Challenges**

**Sustainable production, Climate Change, protecting water supply (quality and quantity), Drought preparedness, Sustainable groundwater management, Options for increasing use of low quality water in agricultural and urban environments, Lessen impacts from nitrogen use in agricultural and urban environments, Water management strategies in response to climate change and their impacts on water supply, water quality and cropping patterns**

**Optional: Hot Button items.** Are there any Hot Button topics that UC ANR might develop? These are volatile items running hot (or potentially running hot) in the news where UC ANR could be pulling information together to ground discussion in some science.

| SI                       | Focal Areas  |                          | Grand Challenges   |
|--------------------------|--|--------------------------|--|
| <b>EIPD</b>              |  |                          |  |
| <input type="checkbox"/> | <a href="#">Keeping invasive pests and pathogens out of California</a>       | <input type="checkbox"/> | Emerging pests (e.g., Citrus Greening)   |
| <input type="checkbox"/> | <a href="#">New problems with existing pests and diseases</a>                | <input type="checkbox"/> | The public understanding the role of science in safe and effective pest management (e.g., urban and household pesticide use relative to use on other systems)  |
| <input type="checkbox"/> | <a href="#">Integrated management</a>  | <input type="checkbox"/> | Pursuing new technologies for existing pests (e.g., breeding for powdery mildew)   |
| <b>HFC</b>               |  |                          |  |
| <input type="checkbox"/> | <a href="#">Promoting healthy behaviors for childhood obesity prevention</a> | <input type="checkbox"/> | Chronic disease and Food insecurity across the lifespan of all Californians  |
| <input type="checkbox"/> | <a href="#">Encouraging and enhancing youth science literacy</a>             | <input type="checkbox"/> | Delivery of high-quality positive youth development in all communities   |
| <input type="checkbox"/> | <a href="#">Promoting positive youth development</a>                         | <input type="checkbox"/> | Rising social, economic and health inequality  |
| <input type="checkbox"/> | <a href="#">Community Development</a>  | <input type="checkbox"/> | Access to science education and professional learning opportunities  |
| <b>SFS</b>               |  |                          |  |
| <input type="checkbox"/> | Sustainable production   | <input type="checkbox"/> | <b>Sustainable Production:</b> Labor scarcity; Dealing with regulatory requirements; Water - quantity and quality; Farm Prices; Climate change; Emerging pests |
| <input type="checkbox"/> | Safe processing  | <input type="checkbox"/> | <b>Safe Food Processing:</b> Food safety and preservation  |
| <input type="checkbox"/> | Enhanced access  | <input type="checkbox"/> | <b>Enhanced Food Access:</b> Food deserts and cost; Changing food preferences; Food access and security for aging seniors                                      |
| <b>SNE</b>               |  |                          |  |
| <input type="checkbox"/> | Healthy rangelands, forests and working landscapes                           | <input type="checkbox"/> | Fire   |
| <input type="checkbox"/> | Fighting Fire – Resilient forests and fire-safe urban areas                  | <input type="checkbox"/> | Land use policy  |
| <input type="checkbox"/> | Protecting where we live. Healthy landscapes and urban forests               | <input type="checkbox"/> | Protecting water supplies - quality and quantity   |
| <input type="checkbox"/> | Enhancing our water supply   | <input type="checkbox"/> | Climate change   |

| <b>Water</b>             |                                |                          |  |
|--------------------------|--------------------------------|--------------------------|--|
| <input type="checkbox"/> | Safe & secure drinking water   | <input type="checkbox"/> | Drought preparedness   |
| <input type="checkbox"/> | Safe & secure surface water    | <input type="checkbox"/> | Sustainable groundwater management   |
| <input type="checkbox"/> | Safe & sustainable groundwater | <input type="checkbox"/> | Options for increasing use of low quality water in agricultural and urban environments   |
| <input type="checkbox"/> | Holistic water management      | <input type="checkbox"/> | Lessen impacts from nitrogen use in agricultural and urban environments  |
| <input type="checkbox"/> |                                | <input type="checkbox"/> | Water management strategies in response to climate change and their impacts on water supply, water quality and cropping patterns |