**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.

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| **SI** | **Focal Areas** |  | **Grand Challenges** |
| **EIPD** | | | |
| **󠄓**  **󠄓**  **󠄓** | [Keeping invasive pests and pathogens out of California](http://ucanr.edu/sites/StrategicInitiatives/Endemic_and_Invasive_Pests_-_Diseases/EIPD_Key_Area_Detail/)  [New problems with existing pests and diseases](http://ucanr.edu/sites/StrategicInitiatives/Endemic_and_Invasive_Pests_-_Diseases/EIPD_Key_Area_Detail/)  [Integrated management](http://ucanr.edu/sites/StrategicInitiatives/Endemic_and_Invasive_Pests_-_Diseases/EIPD_Key_Area_Detail/) | **󠄓**  **󠄓**  **󠄓** | Emerging pests (e.g., Citrus Greening)  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)  Pursuing new technologies for existing pests (e.g., breeding for powdery mildew) |
| **HFC** | | | |
| **󠄓**  **󠄓**  **󠄓**  **󠄓** | [Promoting healthy behaviors for childhood obesity prevention](http://ucanr.edu/sites/StrategicInitiatives/Healthy_Families_-_Communities/HFC_Detail/)  [Encouraging and enhancing youth science literacy](http://ucanr.edu/sites/StrategicInitiatives/Healthy_Families_-_Communities/HFC_Detail/)  [Promoting positive youth development](http://ucanr.edu/sites/StrategicInitiatives/Healthy_Families_-_Communities/HFC_Detail/)  [Community Development](http://ucanr.edu/sites/StrategicInitiatives/Healthy_Families_-_Communities/HFC_Detail/) | **󠄓**  **󠄓**  **󠄓**  **󠄓** | Chronic disease and Food insecurity across the lifespan of all Californians  Delivery of high-quality positive youth development in all communities  Rising social, economic and heath inequality  Access to science education and professional learning opportunities |
| **SFS** | | | |
| **󠄓**  **󠄓**  **󠄓** | Sustainable production  Safe processing  Enhanced access | **󠄓**  **󠄓**  **󠄓** | **Sustainable Production:** Labor scarcity; Dealing with regulatory requirements; Water - quantity and quality; Farm Prices; Climate change; Emerging pests  **Safe Food Processing:** Food safety and preservation  **Enhanced Food Access:** Food deserts and cost; Changing food preferences; Food access and security for aging seniors |
| **SNE** | | | |
| **󠄓**  **󠄓**  **󠄓**  **󠄓** | Healthy rangelands, forests and working landscapes  Fighting Fire – Resilient forests and fire-safe urban areas  Protecting where we live. Healthy landscapes and urban forests  Enhancing our water supply | **󠄓**  **󠄓**  **󠄓**  **󠄓** | Fire  Land use policy  Protecting water supplies - quality and quantity  Climate change |
| **Water** | | | |
| **󠄓**  **󠄓**  **󠄓**  **󠄓** | Safe & secure drinking water  Safe & secure surface water  Safe & sustainable groundwater  Holistic water management | **󠄓**  **󠄓**  **󠄓**  **󠄓**  **󠄓** | 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 |

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