



Integrated Pest Management Program

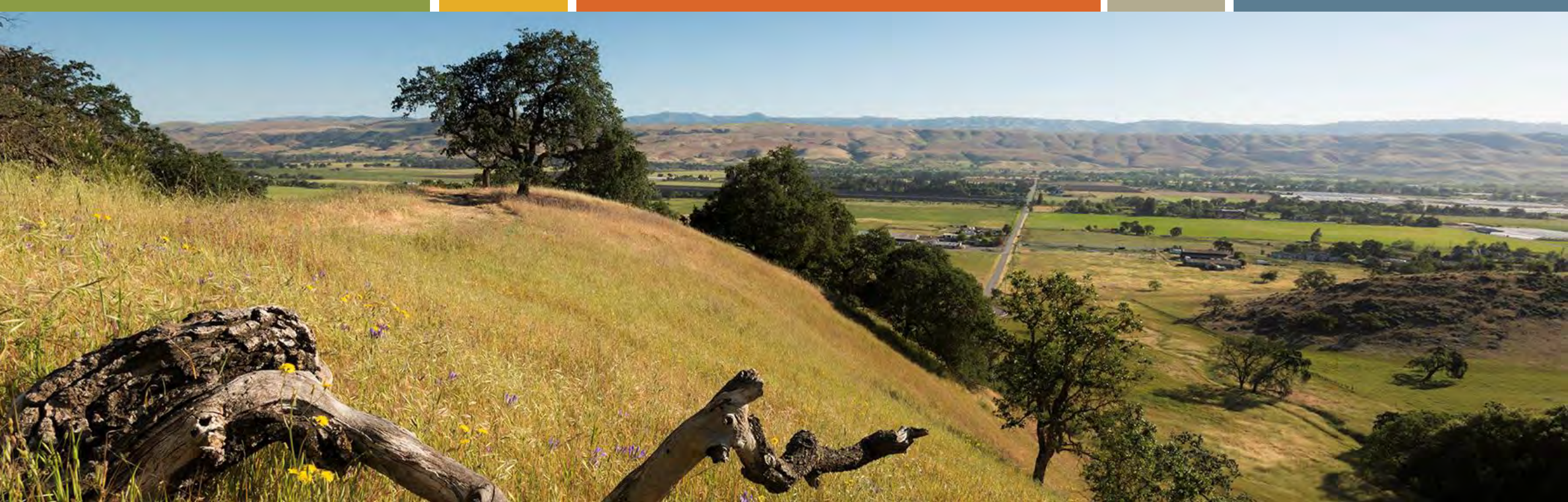
**Public Meeting for the
Draft Program Environmental Impact Report**

April 20, 2021



Agenda

- Meeting administration
- Overview of the Integrated Pest Management (IPM) Program and IPM Guidance Manual
- Summary of the Draft Program Environmental Impact Report (Draft PEIR) and California Environmental Quality Act (CEQA) review process
 - Overview of a Program EIR
 - Draft PEIR content and key conclusions
 - How to submit comments on the Draft PEIR
- Public Comment Session



Meeting Administration

- This meeting is being recorded
- The recording will be posted on the Authority's website:
 - www.openspaceauthority.org/conservation/current-projects/integrated-pest-management-program.html
- All video cameras are off and microphones are muted by default



How to Participate in the Virtual Meeting

■ General Questions:

- To submit a written question, please type questions using the Q&A button
- To state a question orally, please “raise your hand” using the hand button, and wait to be recognized

■ To Comment on the Draft PEIR:

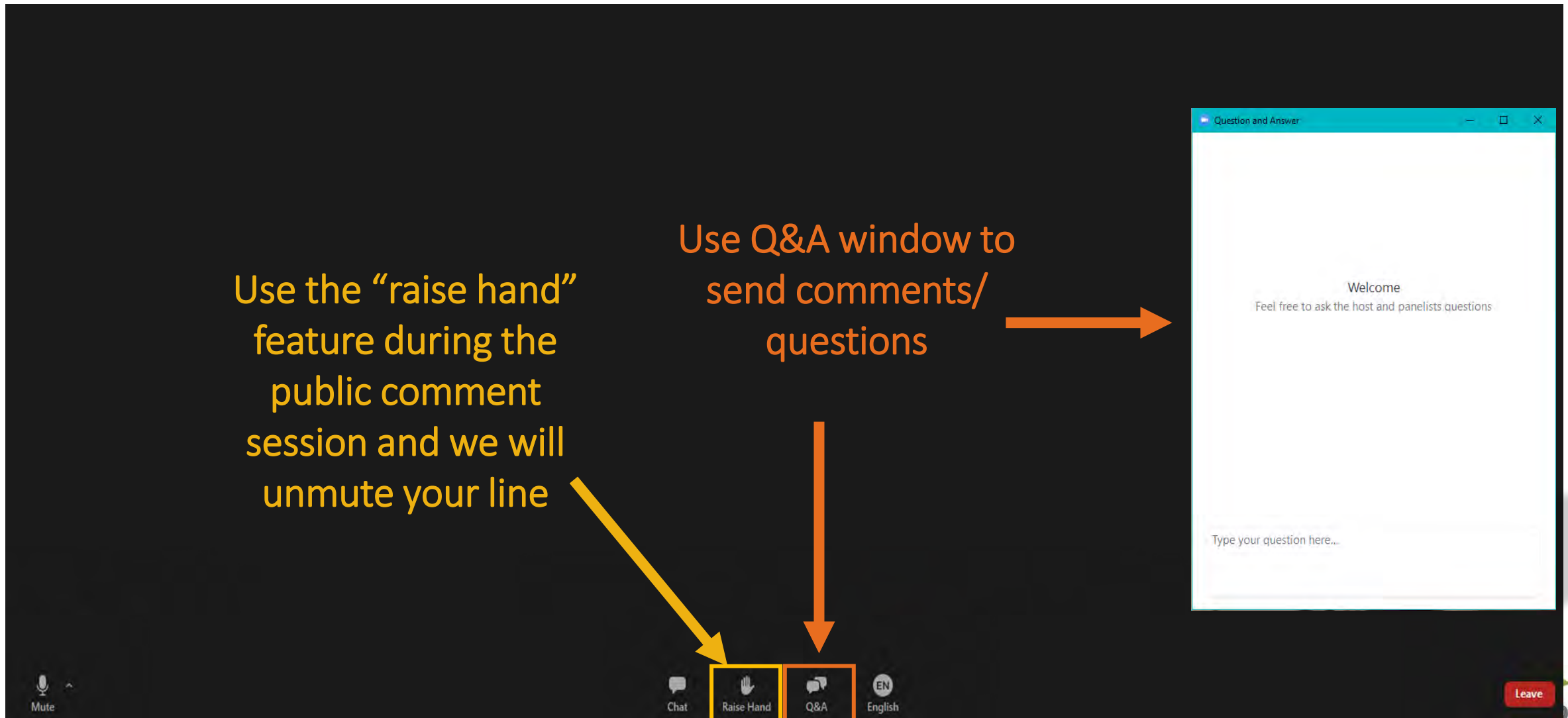
- Formal comment session will follow the presentation
- Typed and oral comments are welcome
 - Everyone will have 2 minutes to submit their oral comment
- Today, the purpose is listening to and recording your comments; responses will not be provided today
- Responses to comments on the Draft PEIR raising environmental topics will be included in the Final EIR

All written and oral questions and comments will be part of the public record

Zoom Meeting Controls - Desktop

Use the “raise hand” feature during the public comment session and we will unmute your line

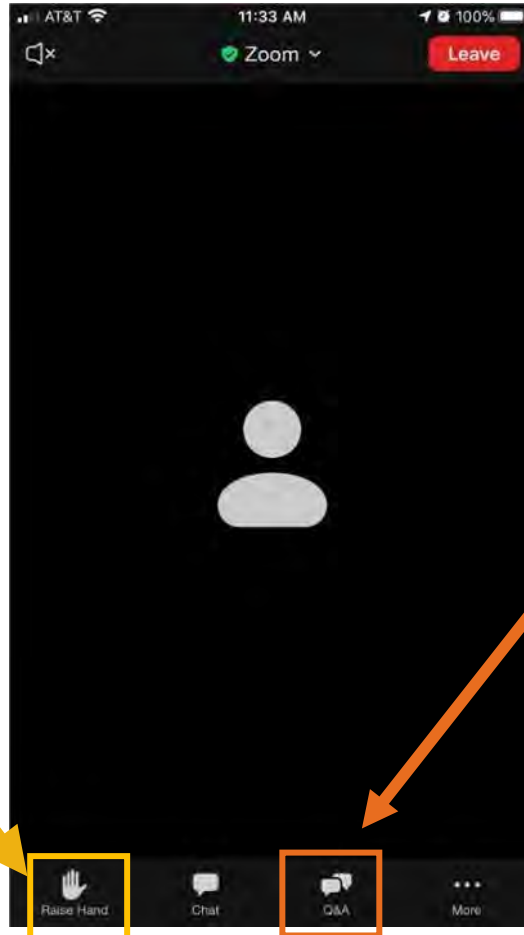
Use Q&A window to send comments/questions



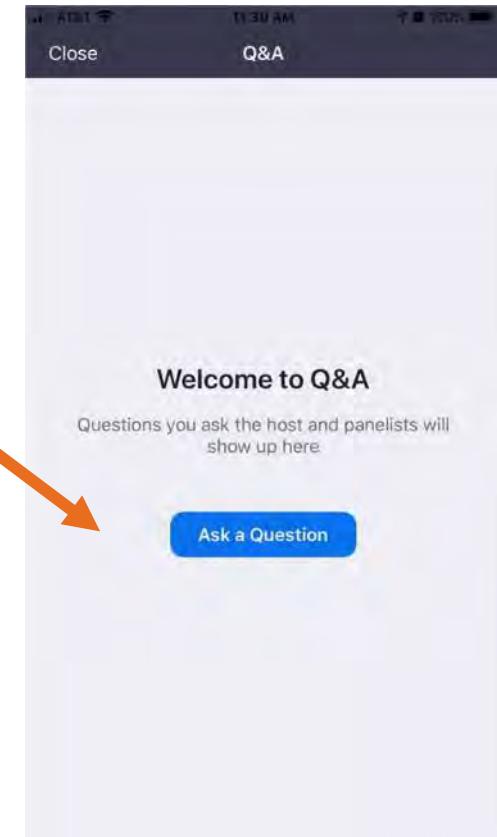
Zoom Meeting Controls – Mobile Device

First click, “More”

Use “raise hand” feature during the public comment session and we will unmute your line



Access the Q&A window to send comments/questions



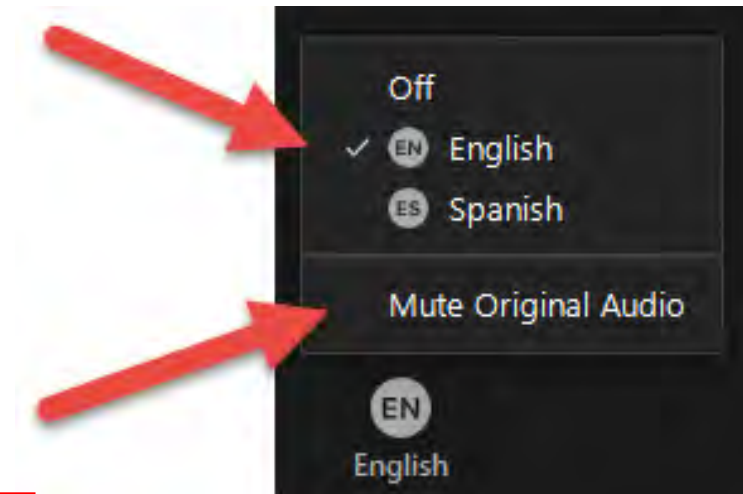


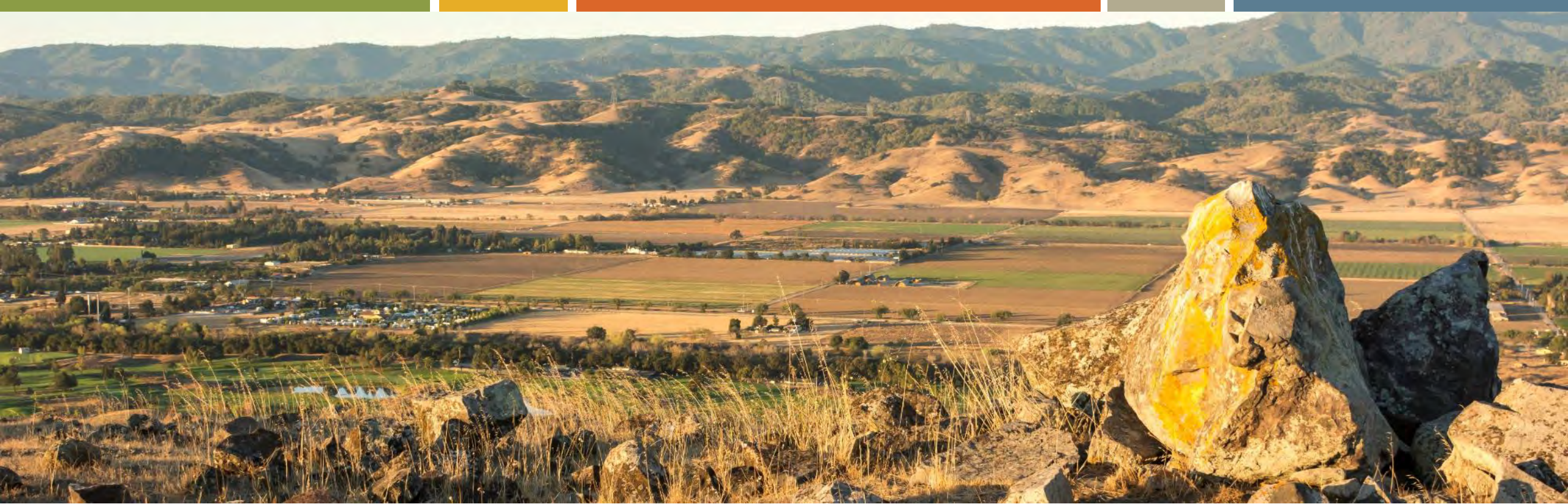
How to Participate by Phone

- During the public comment session, press Star (*) 9 to indicate you would like to speak
- Listen for the message: The host would like you to unmute your microphone. You can press Star (*) 6 to unmute
- When you are done with your comment, please press Star (*) 6 to re-mute

For Spanish Translation

- For Desktop users,
 1. Click **Interpretation**
 2. Select the language
 3. (Optional) Click **Mute Original Audio**, to only hear Spanish translation
- For smart phone users,
 1. Tap **More**
 2. Tap **Language Interpretation**
 3. Select the language
 4. (Optional) Tap the toggle to **Mute Original Audio**





Questions on Admin/How to Participate?

A landscape of rolling green hills under a cloudy sky. The foreground is filled with tall green grass and numerous bright yellow wildflowers. A dark, semi-transparent rectangular box is overlaid in the center of the image, containing white and yellow text.

Integrated Pest Management (IPM)

Overview of IPM and the IPM Program

What is Integrated Pest Management?

Integrated Pest Management, or IPM, is a science-based, decision making system used to design and control pest populations to limit their impacts as well as risks to people and the environment.



What is a Pest?

Plants or animals that have negative impacts in natural lands. Pests:

- Threaten native species through competition and predation;
- Alter ecosystems by changing food patterns, hydrology, fire regimes, or soil chemistry;
- Impede grazing;
- Damage buildings and other structures; and
- Threaten safety of Authority staff and visitors (i.e. wasps nest).

Importance of Developing a Formal IPM Program

- Pests are a major threat to the Authority's natural resources
- Management of invasive plants is one of the primary strategies for biodiversity conservation
- Significant staff time spent on stewardship by controlling pests
- Formalize the Authority's policy goals and prioritize staff work based on goals
- Continue to improve our program to ensure it follows best practices and is state-of-the-art
- Standardize IPM policies and procedures

Integrated Pest Management



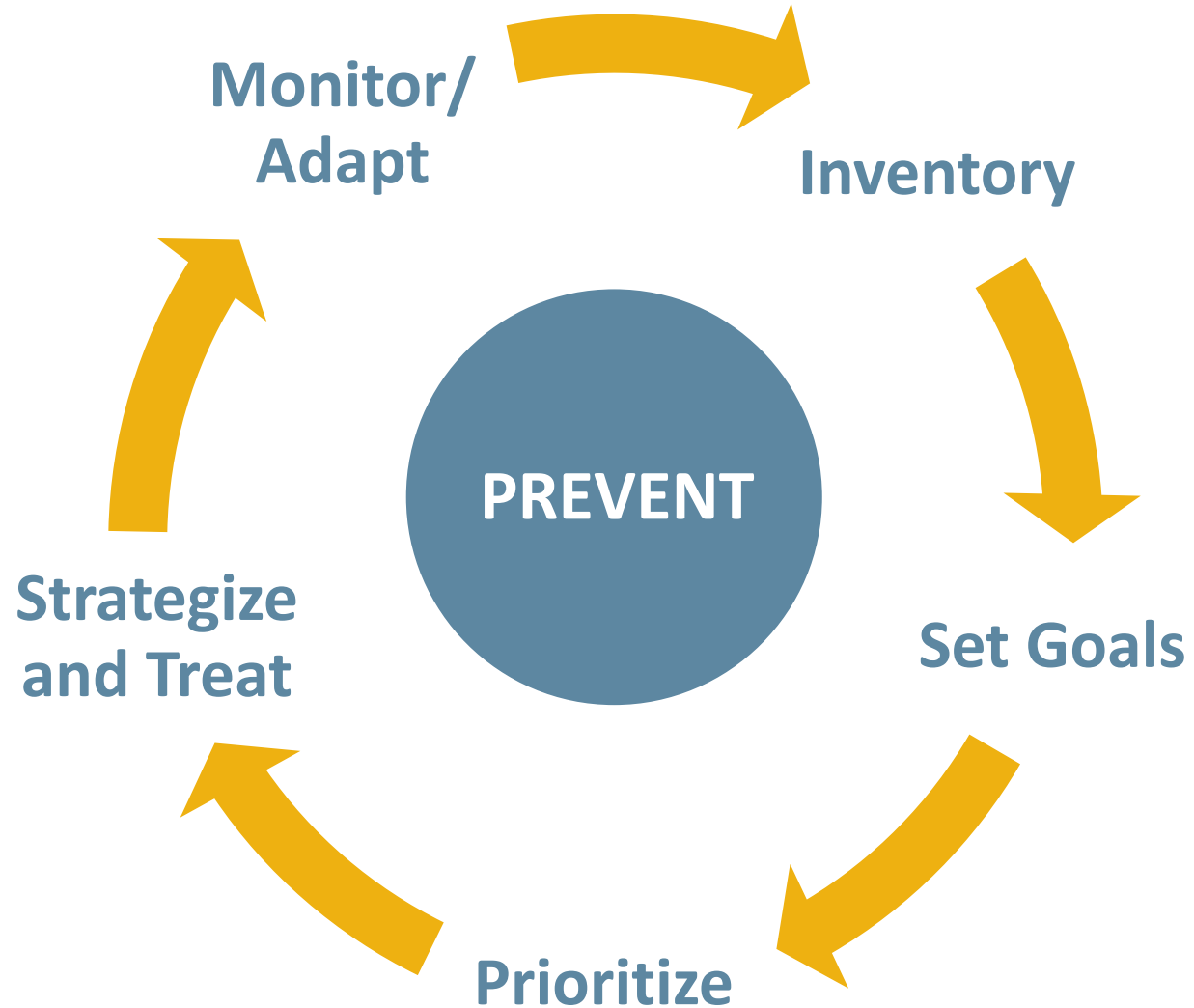
- Factors human health, environmental quality, and effective management
- Manual Methods
 - Hand-pulling
- Mechanical
 - Mowing, weed-eating
- Chemical Methods
 - Herbicide or fungicides use



IPM Guidance Manual

- Invasive plants & animals in natural lands
- Agricultural and rangelands
- Structures
- Recreational facilities
- Available for review along with Draft PEIR

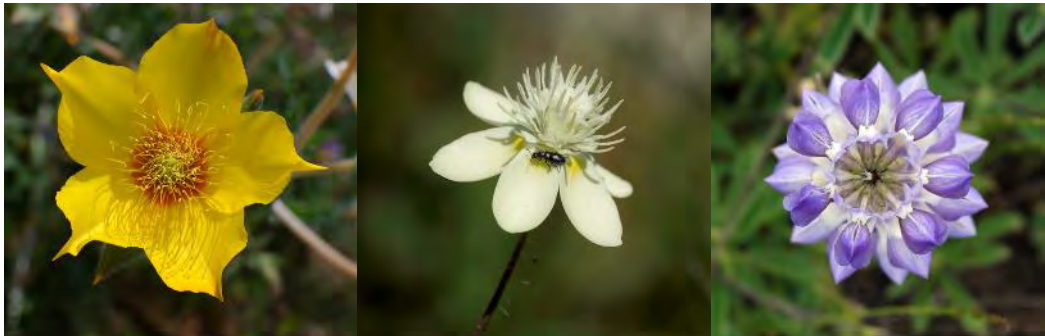
Invasive Plants in Natural Lands



Invasive Plants in Natural Lands



- Stewardship of Natural Lands
 - Manual, mechanical, and chemical methods
 - Early Detection Rapid Response
 - Volunteer Engagement & Support



Invasive Animals in Natural Lands



- Strategies to Control
 - Bullfrogs
 - Non-native fish
 - Feral pigs
 - Brown-headed cowbird
 - Feral pets



Agricultural Farms and Fields

- Each property will develop an Agricultural Management Plan with good stewardship practices
- Authority will encourage organic operations and other conservation practices be included in the Plan
- Use existing crop-specific IPM guidebooks as guidance

Structures



- Prevention and Control Techniques for Pests such as
 - Cockroaches, flies, rats, bats
- Techniques such as
 - Trash management
 - Insecticides, rodenticides, and fumigants
 - Alterations to structures specifically to exclude pests



Recreational Facilities



- Prevention and Control Techniques for Pests such as
 - Ticks
 - Wasps
 - Mosquitos





Annual Evaluation

- Annual work plan
- Annual report
- Keeping up-to-date with emerging trends
- Monitoring effectiveness
- Adaptive management



Questions about the Authority or description of the IPM Program?

A landscape of rolling green hills under a clear sky. The foreground is filled with tall green grass and numerous bright yellow wildflowers. The hills in the background are covered in similar vegetation, with some rocky outcrops visible. The overall scene is bright and natural.

IPM Program Draft PEIR

Overview and Public Review Process



Overview of a Program EIR

- Series of related actions that can be characterized as one large project (CEQA Guidelines Section 15168)
 - Provides flexibility for IPM implementation
 - Informs community of significant environmental impacts of the comprehensive IPM Program
 - Includes measures to avoid and mitigate impacts
- When later activities are proposed, review in light of the PEIR analysis and mitigation
- If a later activity is found to be within the scope of the PEIR, no additional CEQA documents are required (e.g., IS/MND, EIR)
- All feasible mitigation from the PEIR must be incorporated

IPM Program Draft PEIR

- Covers IPM activities proposed in the Program Area
- Addresses potential environmental impacts of IPM Program implementation
- Organization of Each Environmental Section:
 - Regulatory Setting
 - Environmental Setting
 - Environmental Impacts and Mitigation Measures
 - Methodology
 - Thresholds of Significance
 - Impacts and Mitigation Measures





Environmental Topics – Not Significant

Evaluated and briefly summarized - determined to not result in significant impacts from IPM implementation:

- Air quality and greenhouse gas emissions
- Agriculture and forestry resources
- Energy
- Geology and soils
- Land use and planning
- Mineral resources
- Noise and vibration
- Population and housing
- Public services and utilities
- Transportation
- Significant irreversible environmental changes
- Growth inducing impacts

Environmental Topics Evaluated in Detail – Less than Significant or Potentially Significant

- Aesthetics
- Biological Resources*
- Cultural and Tribal Cultural Resources*
- Hazards and Hazardous Materials*
- Hydrology/Water Quality
- Recreation
- Wildfire
- Cumulative Impacts

* Denotes potentially significant impacts and mitigation measures are included





Potentially Significant Impacts

- **Biological Resources**
 - Special-status wildlife
- **Cultural and Tribal Cultural Resources**
 - Historic resources
 - Archaeological resources
 - Tribal cultural resources
- **Hazards and Hazardous Materials**
 - Disturbance of a known hazardous site

*All potentially significant impacts would be reduced to *less-than-significant* with implementation of mitigation measures

Alternatives Analysis

■ Alternatives Evaluated in the EIR:

- Alternative 1: No Project Alternative
- Alternative 2: Limited IPM Treatments on Natural Lands Alternative
- Alternative 3: No Alterations to Buildings Alternative

■ Environmentally Superior Alternative

- Alternative 3: No Alterations to Buildings Alternative
- However, Alternative 3 does not meet all the objectives of the IPM Program





Questions about the Program EIR?



Public Comments on the Draft PEIR

- Public comment period is open until **May 17th at 5pm**
- Comment on the environmental analysis and conclusions
- Submit comments on the Draft PEIR by:
 - Providing comments during this meeting (written in Q&A box or spoken orally)
 - Email written comments to:
gbasson@openspaceauthority.org
 - Send postal mail comments to the Authority Office
Attn: Galli Basson
- Draft PEIR with public comments and responses to environmental issues in the public comments = Final PEIR

Public Comment Session for the IPM Program Draft PEIR



Chat



Raise Hand



Q&A



English

- Use the Q&A box to write your comment/question
- “Raise your hand” and please wait for us to unmute you
 - Everyone will have 2 minutes to submit their oral comment
- Phone callers dial *9 and please wait while we unmute you