

Fish Contamination Education Collaborative Partners Meeting Wednesday, Nov. 14, 2007–10am to 1pm Cabrillo Marine Aquarium 3720 Stephen M. White Drive San Pedro, CA 90731

Meeting Purpose:

To update FCEC partners on status of Road Map Strategies and Tactics, community outreach and angler outreach programs

<u>Agenda</u>

- 1. Welcome/Introductions—Sharon Lin
- 2. Road Map Strategies & Tactics (60 min)-Stephen Groner
 - a. Presentation
 - b. Discussion
- 3. Awareness vs. Behavior Change (15 min)-Wes Schultz
- 4. Community Outreach Update (30 min)—Tiffany Jonick
 - a. Website
 - b. Community Outreach Phase 1: Vietnamese Community
 - c. Community Resource Council
- 5. Angler Outreach Update (30 min)
 - a. Program Developments—Khanh Nguyen
 - i. PDA usage
 - ii. Separation of outreach/data collection
 - b. Heal the Bay–James Alamillo
 - c. Cabrillo Marine Aquarium-Linda Chilton
- 6. Agency Updates (30 min)
 - a. EPA-Sharon Lin
 - b. MSRP
 - c. OEHHA
 - d. LA County Dept of Public Health-Janet Scully
- 7. Optional trip out to pier/tour of Cabrillo

Planned Outcomes:

- Engage in dialogue with partners on update topics; determine if follow-up on items is needed
- Decide timing for next meeting



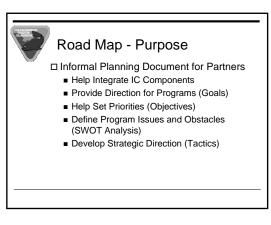
Integrated ICs "Road Map" Strategies and Tactics

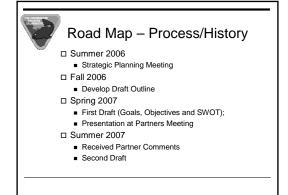
Palos Verdes Shelf Superfund Site Institutional Controls Program

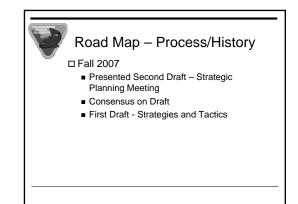


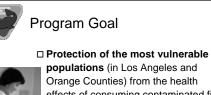
Presentation Outline

Review purpose of Road Map
 Process of developing Road Map
 Present document
 Questions and comments
 Next steps

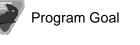






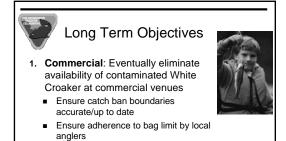


populations (in Los Angeles and Orange Counties) from the health effects of consuming contaminated fish related to the Palos Verdes Shelf superfund site.



Reduce risk by targeting the two routes of exposure for DDT and PCB

 Consumption of contaminated fish bought through commercial markets
 Consumption of contaminated fish caught by local anglers





Croaker)

- Angler: Adherence to local fishing advisories and bag limit
 Reduce risk from consumption of
- Ensure fish consumption advisories are updated based on latest data

contaminated caught fish (i.e., White

Organization

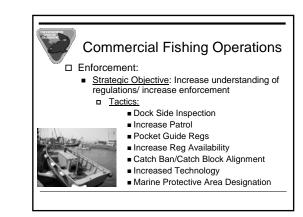
- Objectives (by Risk Area: Commercial and Local Angler)
 - Target Audience (within risk area)
 - IC Component Strategy (enforcement, monitoring, education)
 - Individual tactics



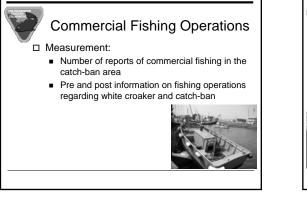
Commercial: Strategies and Tactics

Target Audiences

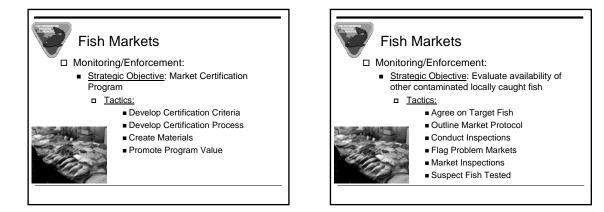
- 1. Commercial fishing operations
- 2. Fish markets (key areas: San Gabriel Valley, Central OC; Long Beach)
- 3. Fish distributors
- 4. Families / affected communities
- 5. Regulators

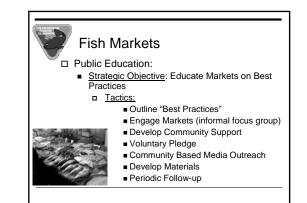








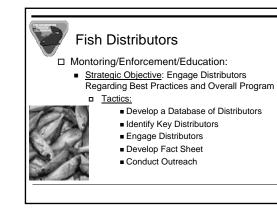


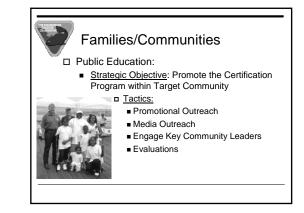


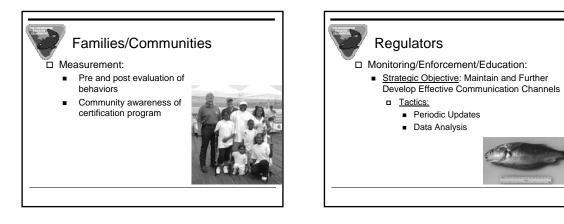
Fish Markets

D Measurement:

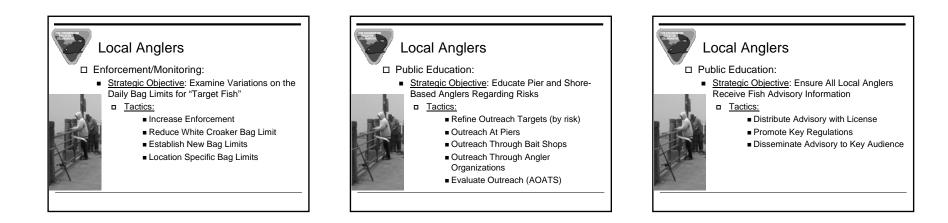
- Number of markets found selling undocumented white croaker
- Number of certified markets
- Number of markets selling other contaminated fish
- Community awareness of certification program
- Number of markets pledging to follow the "Best Practices"

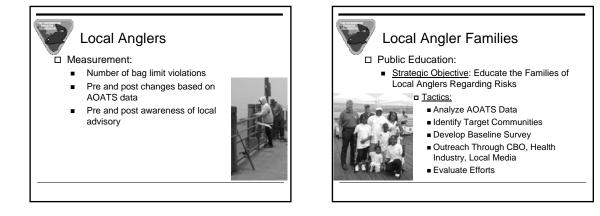


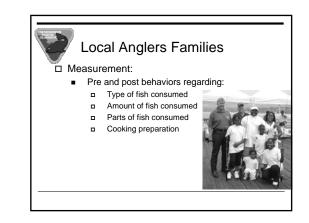












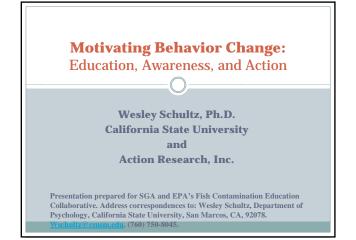


Next Steps

Comments and Questions:

- Road Map emailed to partners
- Post Road Map on web site
- Email comments to SGA: tjonick@sga-inc.net





About the Presenter

- Ph.D. in applied social psychology
- Academic position (professor)
- Numerous consulting, writing, and marketing projects
 - **Private**: Southern California Edison (energy), Hewlett Foundation, Brookfield Zoo, EDCO Waste Management, KAB
 - **State:** California Integrated Waste Management Board (used oil recycling, waste tires), TN, FL, TX
 - Local and County: Napa, Madera, Los Angeles, San Diego * Cities of San Diego, Vista, San Marcos, Escondido
 - **Federal:** National Academy of Sciences, Environmental Protection Agency (EPA), Department of Justice, U.S. Air Force
 - International: United Nations, London Zoological Society

A Little Psychology

- Scientific study of behavior
- People act for reasons
- Successful behavior change strategies require an understanding of the individual and situational factors that motivate and/or constrain behavior
- Many examples of failed (or not tested) and even boomerang effects

So You Want to Change Behavior?

Information campaigns (education campaigns)

• Media messages intended to inform people about a behavior, program, or problem.

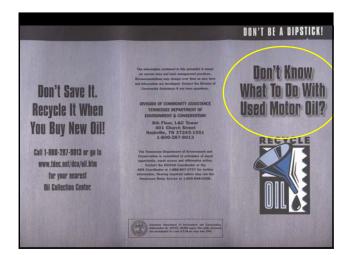
- Awareness campaigns
- Media messages intended to convey to people the severity of a specific problem or issue.

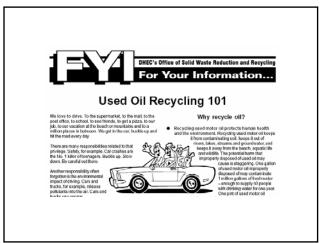


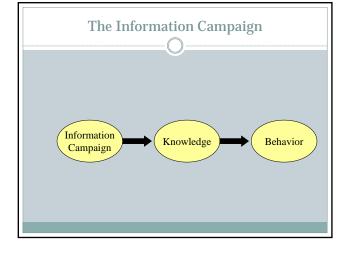






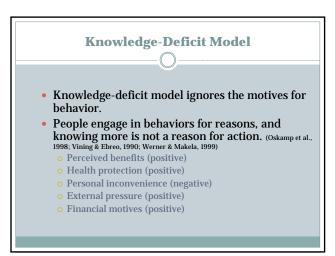












Knowledge-Deficit Model (caveat)

- Knowledge is not a motive for behavior.
- Lack of knowledge can be a barrier.
- Educational interventions can be effective in three situations:
 - A substantial change has been made to an existing program.
 A program is being introduced for the first time to a target population
 - 3. No marketing materials have been provided in a long time, and there is evidence that people don't know what to do.

Knowledge-Deficit Model

Why is it so widely used?

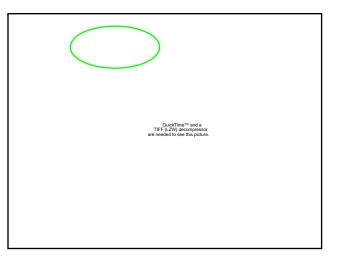
- 1. No data is collected to evaluate the intervention, so agencies don't realize that it doesn't work
- 2. Public image-- "we're doing something"
- 3. It's relatively inexpensive and can be done by staff (or cheaply by a marketing firm)
- 4. It would work for us (because we *already* care)

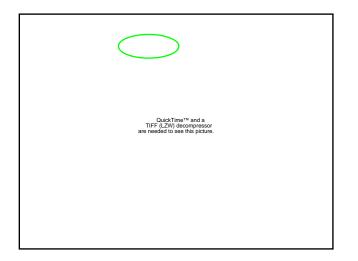
Awareness Campaigns

- Highlight the seriousness of the problem by giving incidence rates
- "Look at this big problem"
- Based on medical and health research
- Public policy
 - Traffic, crime, hazardous waste, littering, steroid use among adolescents, eating disorders, tax evasion, mass transit, and many others
- Seen as a key ingredient to gaining funding for programs
 - Required by many grant applications, politicians, and funders

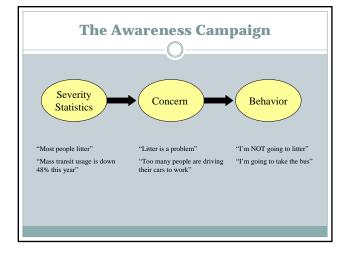


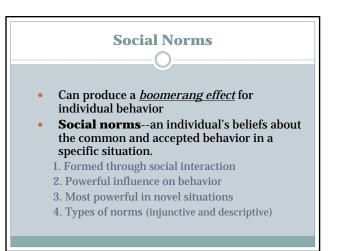




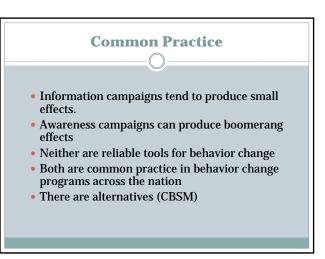




















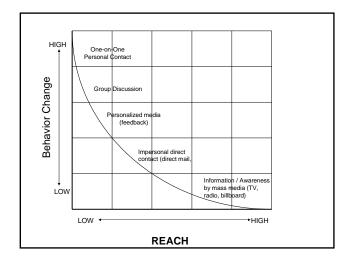
Elements of a Persuasive Appeal

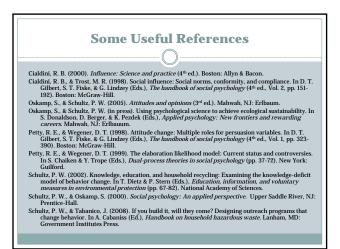
• Audience

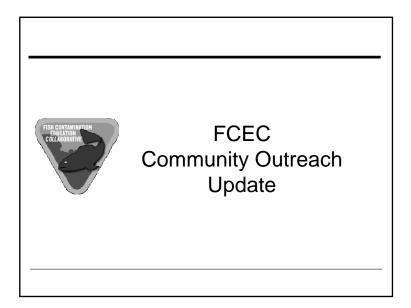
- o Topic is personally-relevant or value-based
- Inattentive, distracted, unmotivated
- Medium
 - Television and radio move quickly
 - Print and internet more self-paced
- Source
 - o Credible
 - likeable, humorous, attractive
- Message
 - Short versus long, humor, attention grabbing

Things to Keep in Mind

- 1. Outreach to a specific audience Ex. People who DON'T engage in the target behavior
- 2. Identify barriers for the target population Find them, talk to them, solicit their input,
- 3. Where possible, use a personal communication channel Pier, retail point-of-purchase, ESL, high school classrooms
- 4. Focus on a single action (Keep It Simple) What EXACTLY do you want people to do Avoid "DON'T" or "NOT" messages









Community Outreach Outline

 Revamped FCEC Website
 Community Outreach Phase 1: Vietnamese Community
 Community Resource Council





Community Outreach Phase 1: Vietnamese Community

- Approaching Community Outreach by Phases
- □ Focus on behaviors *and* awareness
- Outreach through community liaisons and CBOs

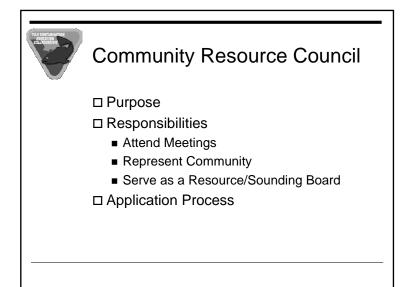
The Outreach

 Work with 2-3 Vietnamese CBOs, Community Liaisons
 Recruitment for Education Workshops
 Health Clinic Outreach
 Community Events



Evaluation

Pre-Survey/Questionnaire
 Immediate Recall & Intentions
 Long term follow-up



Angler Outreach Program Update

- 1. Use of PDAs to collect data
- 2. Restructuring of Angler Outreach Program:

Chart 1

