

# Revised Outline of the Cumulative Impacts Project Report



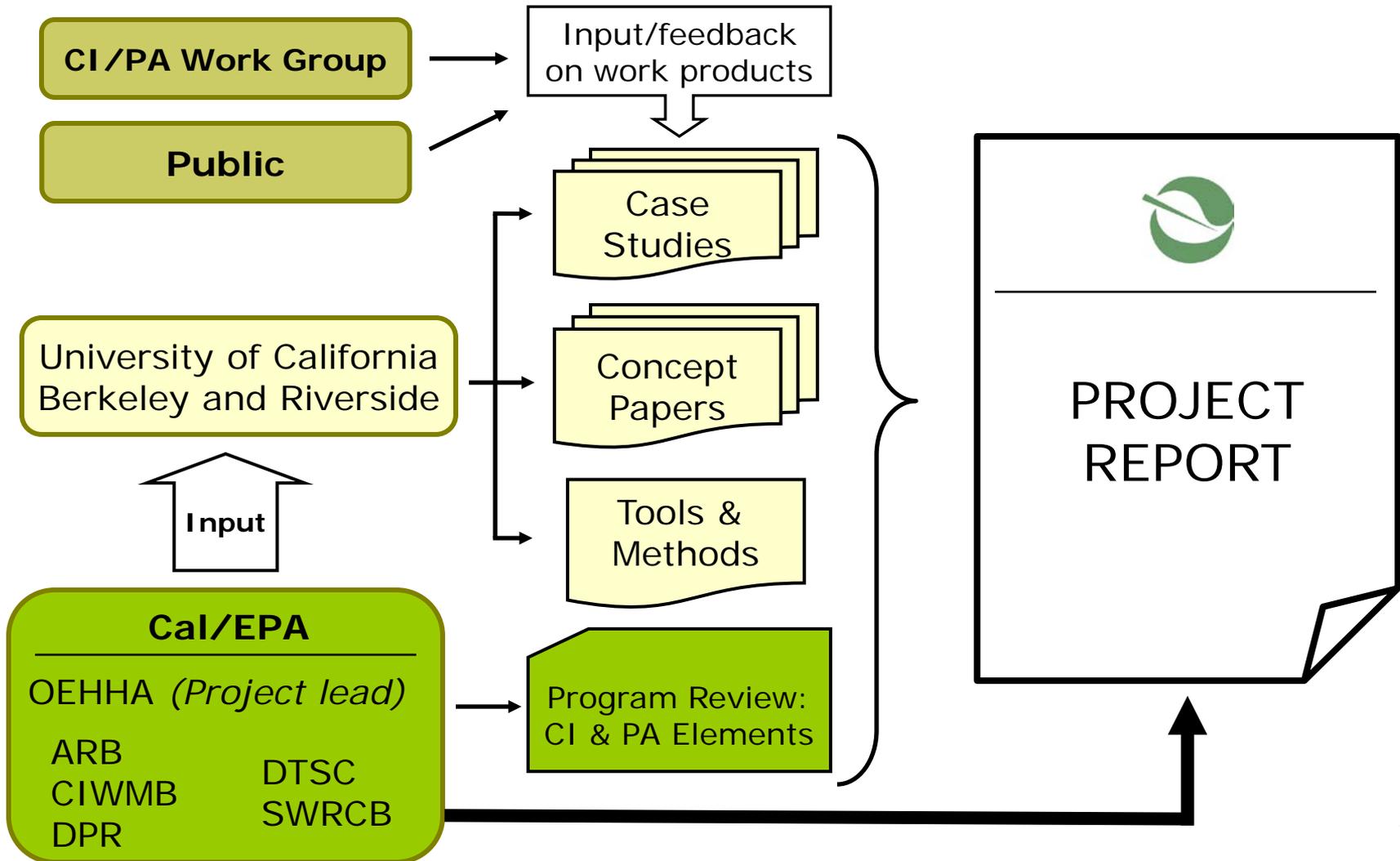
Allan Hirsch  
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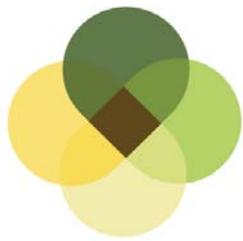
Cumulative Impacts & Precautionary  
Approaches Work Group Meeting

May 18, 2009



# Cumulative Impacts & Precautionary Approaches (CI/PA) Project





# Cal/EPA's Framework for Cumulative Impacts Analysis

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**Chapter 1. Introduction**

**Chapter 2. Scientific Background**

**Chapter 3. Key Concepts**

**Chapter 4. Key Contexts**

**Chapter 5. Scientific Methods for Assessing Cumulative Impacts**

**Chapter 6. Phase I: Framework for Analysis of Cumulative Impacts**

**Chapter 7. Opportunities for Cumulative Impacts Analysis at Cal/EPA (Decision Contexts)**

**Chapter 8. Recommendations**

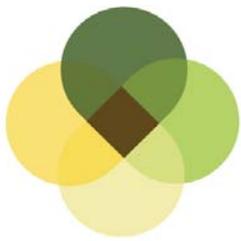


# Cal/EPA's Framework for Cumulative Impacts Analysis

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## **\*NEW\*** Chapter 7. Opportunities for Cumulative Impacts Analysis at Cal/EPA (Decision Contexts)

- *Introduction*
- *Potential value for Cal/EPA in C.I. Analysis*
- *Potential programmatic areas for implementation*
- *Paths to implementation*



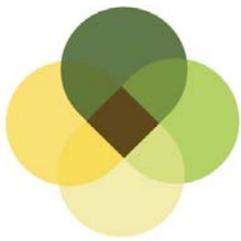
# Decision Contexts

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## **POTENTIAL VALUE FOR CAL/EPA IN C.I. ANALYSIS**

### **(how cumulative impact analyses could be important for BDOs and CalEPA decision making)**

- ❑ Provides a more accurate understanding of environmental impacts.
- ❑ Improves efficiency by focusing resources on the most urgent locations that would benefit from environmental actions.
- ❑ Describes cross media impacts and targets which media are the most important.
- ❑ Targets where regulatory efforts in one medium (e.g. air) affect exposure from another medium (e.g. water or waste).
- ❑ Identifies circumstances where non-Cal/EPA agencies could help to mitigate impacts (CalTrans, local government, social services agencies, etc.).
- ❑ Identifies circumstances where interagency cooperation may be critical in future regulatory efforts (e.g. cumulative impact zones, land use policies).
- ❑ Guides policy decisions by providing the ability to confirm (or not) which communities have the most significant cumulative impacts.



# Decision Contexts

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## **POTENTIAL PROGRAMATIC AREAS FOR IMPLEMENTATION (examples of when and how a cumulative impacts analysis tool being developed under CI/PA could be used by the BDOs)**

- ❑ Prioritize regulatory/risk management activities to have the greatest impact (e.g. groundwater or other site cleanup, pesticide monitoring, enforcement).
- ❑ Conduct CEQA or CEQA-equivalent analyses (e.g. hazardous-waste facility permitting, site cleanup, solid-waste facility siting)
- ❑ Develop future regulatory or incentive programs that address exposures (e.g. Carl Moyer Program, regional initiatives aimed at large facilities such as ports and railyards).
- ❑ Consider cumulative impacts in future risk assessments, guidelines and programs (e.g. vulnerable populations).



# Decision Contexts

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## **PATHS TO IMPLEMENTATION**

- Current obstacles to the implementation of cumulative impacts analyses, e.g. mandates, regulations, resources, interagency coordination, jurisdictions, etc.