

# Workshop on “Siting Locally Unwanted Facilities: Problems and Conflict Resolution”

## Siting and Community Response to Locally Unwanted Land Uses: An Overview

### 不受歡迎設施選址的探討

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## Research Monograph

### Siting and Community Response to Locally Unwanted Land Uses: A Literature Review

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# LULUs and NIMBY

- LULUs = Locally Unwanted Land Uses
- Objection by the local community => Not-In-My-Backyard (NIMBY)

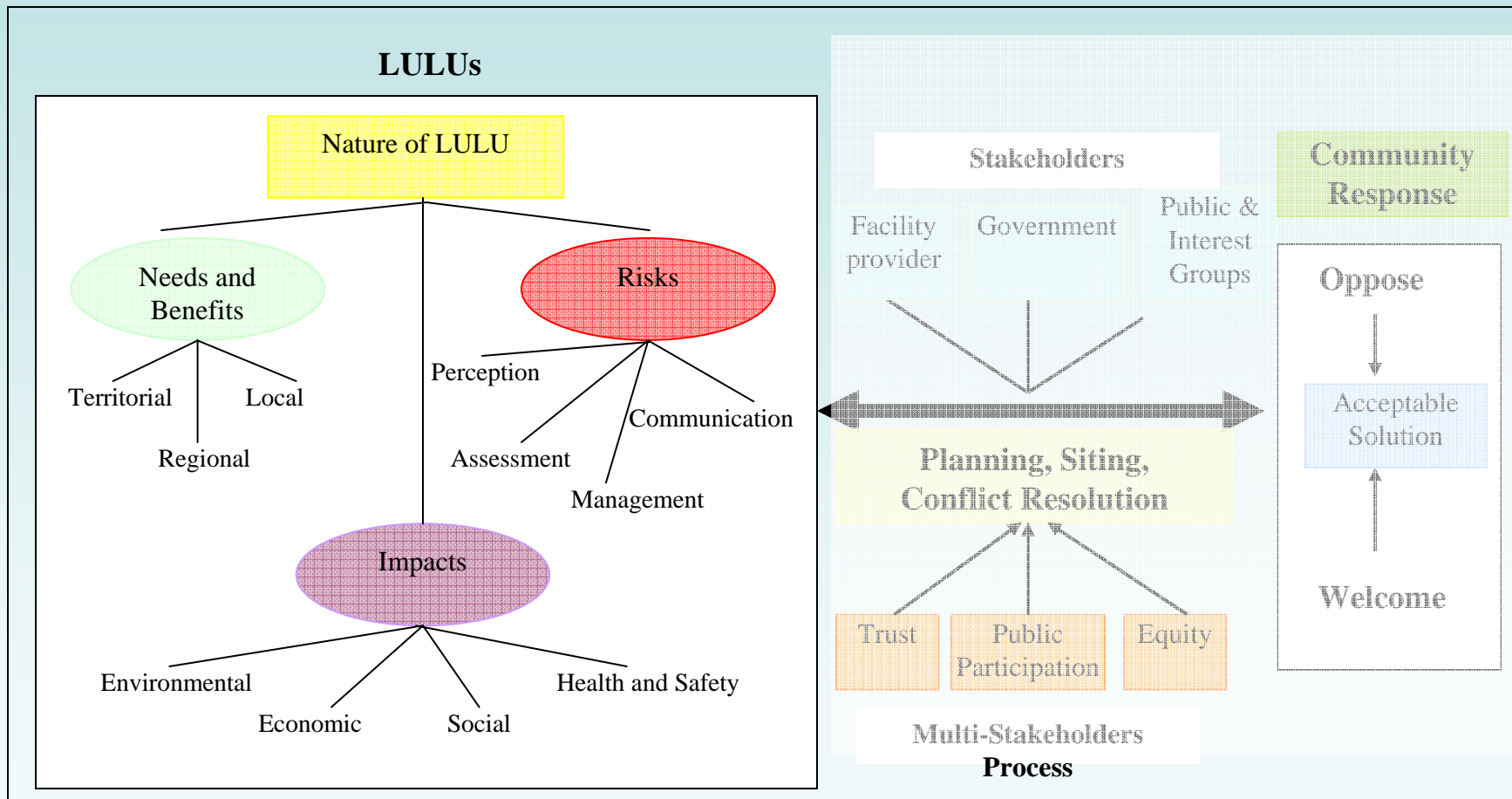
## Other related terms:

- NOOS (not on our street)
- NIABY (not in anybody backyard)
- NOPE (not on planet earth)
- NIMTOO (not in my term of office)
- BANANA (Build Absolutely Nothing Anywhere Near Anyone)
- CAVE (citizens against virtually everything)

# A Conceptual Framework

## Political/Institutional Setting

Social-Economic Setting



Environmental Setting

## Geographic Setting

# Needs and Benefits

- Needs:
  - Establishing
  - Communication
  - Recognition
- Benefits
  - Scale
  - Distribution
- Established and justified in community perspective

# Impacts

- Negative externalities
- Environmental
- Health and safety
- Social
- Economic

# Impact Management

- Priority of consideration – avoidance, minimization & mitigation
- Alternatives/ options



# Impacts

- Impact Assessment
  - Credibility
  - Communication
  - Predictions and monitoring

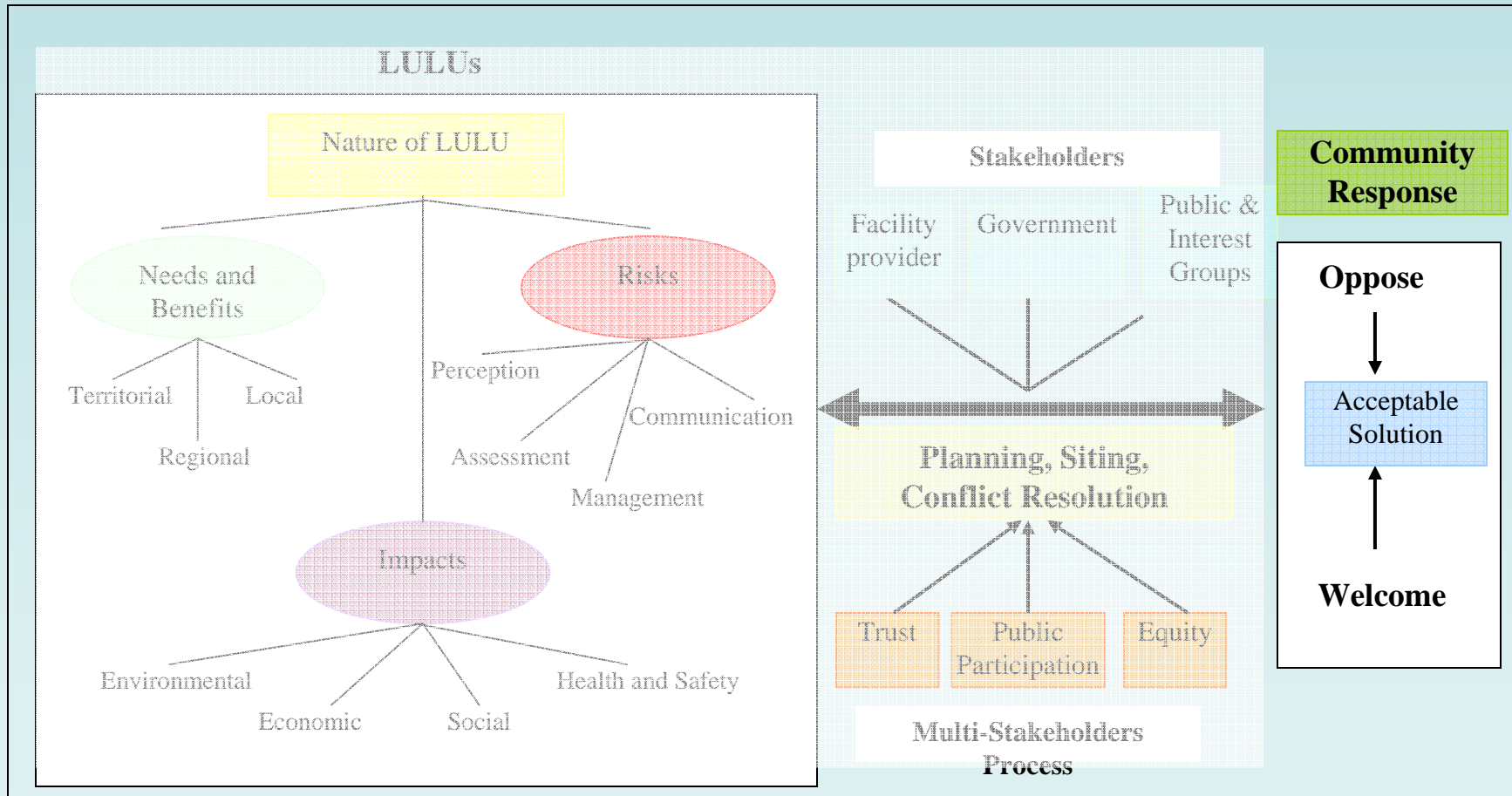
# Risk

- Perception
- Assessment
- Management
- Communication

# A Conceptual Framework

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Social-Economic Setting



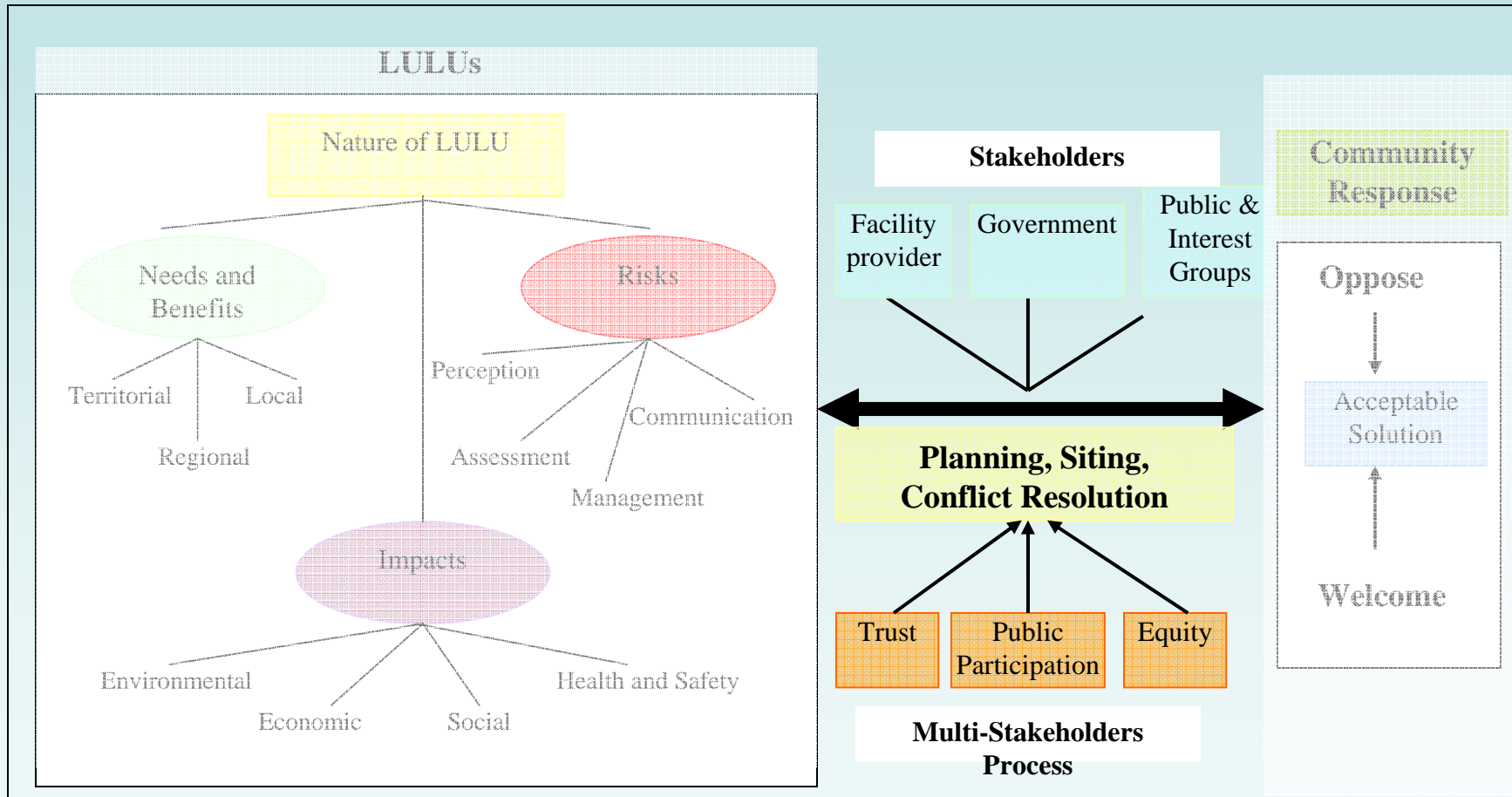
Environmental Setting

## Geographic Setting

# A Conceptual Framework

## Political/Institutional Setting

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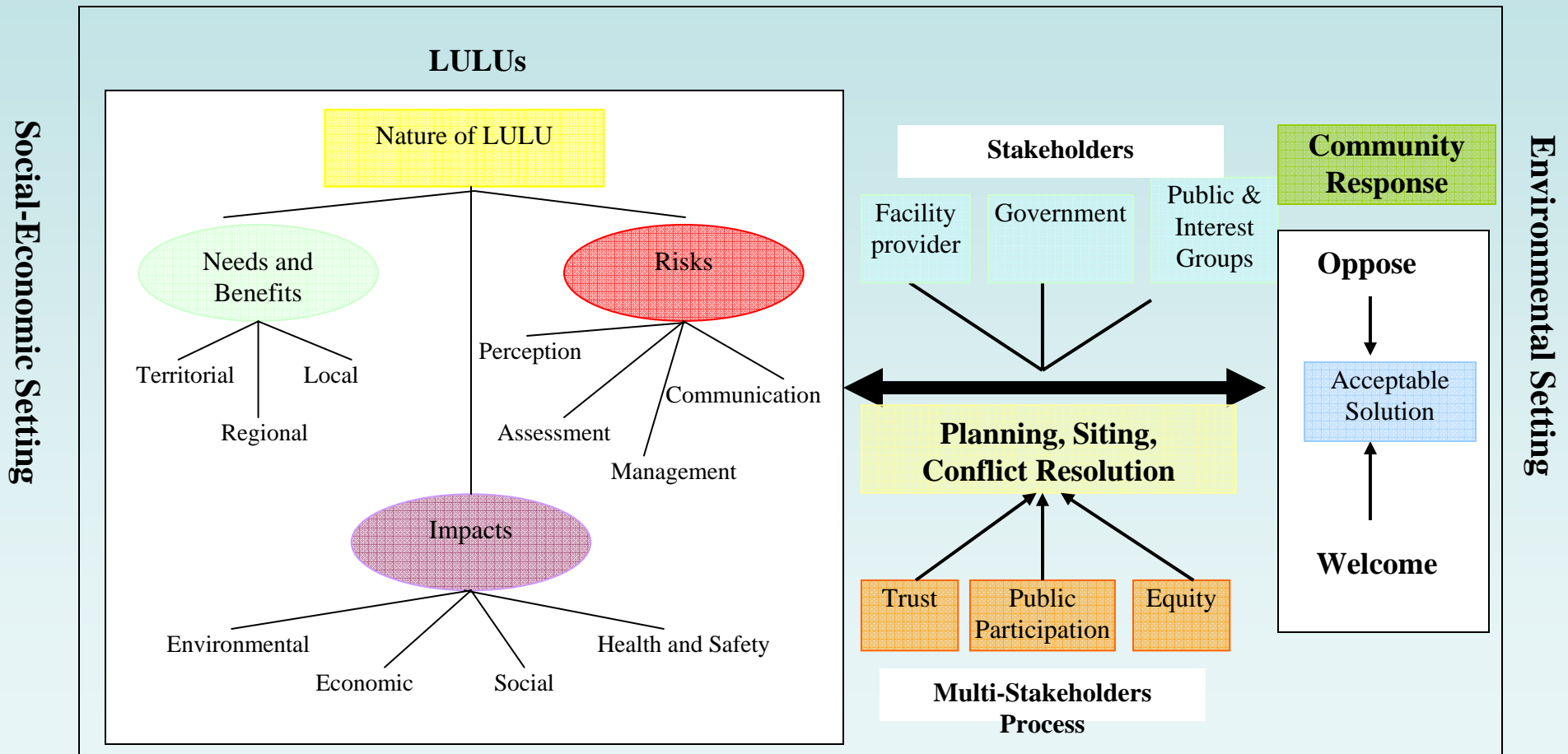


Environmental Setting

## Geographic Setting

# A Conceptual Framework

## Political/Institutional Setting



## Geographic Setting

# Conflict Resolution: An Emerging Approach

- Understanding the perspectives of the objectors and the proponents
- Attempting to create a common understanding by merging the two separate horizons

# Multi-stakeholders' Process

- Based on
  - Trust
  - Participation
  - Equity
- Search for a common ground and acceptable solution

# External Settings

- External to these three core components are:
  - Environmental setting: sensitivity
  - Political & Institutional setting: administrative style
  - Geographic setting: isolation, interaction
  - Socio-economic
- Imposing constraints
- Offering opportunities?



# Taiwan Experiences in Siting Solid Waste Incinerators

- Year 1990: Incineration as the primary method of treatment and landfill as a supplement

# Peitou and Bali Refuse Incinerators

	Peitou Incinerator Plant	Bali Incinerator Plant
Location	Peitou, Taipei City	Bali, Taipei County
Total Area (ha)	10.61	3.5
Capacity (tons/day)	1800	1350
Stack Height (m)	150	150
Construction Cost (Billion TD\$)	7.4	5.3
Completion Date	1998	2001

# Common Forms of Compensation (or Feedback) for Siting Incinerators in Taiwan

- Compensation - before construction, during construction and/or during operation and include the following:
  - provision of community facilities (e.g., swimming pools, recreational sports centers)
  - beautification of the environment
  - exemption of garbage fee
  - funds for the elderly
  - scholarship for students
  - subsidy to community activities, etc.

# Community Facilities Provided by Peitou Incinerator Plant



Revolving  
Restaurant

Observatory



# Community Facilities Provided by Peitou Incinerator Plant



Warm Water  
Swimming Pool

Sports  
Center





# Community Facilities Provided by Peitou Incinerator Plant



Study Room

Kindergarten



# Display of Air Quality Data at the Plant Entrance – Peitou Plant



# Community Facilities Provided by Bali Plant

Community Hall



Innovative Design





# Special Displays in Bali Incinerator Plant



Display of banner

## Save Rare Orchid

