


EPA United States Environmental Protection Agency 2011 Community Involvement Training Conference
Community Involvement in the 21st Century: Embracing Diversity, Expanding Engagement, Utilizing Technology

Welcome to the online broadcast!

Using the Neighborhood Cohesion Calculator
July 20, 2011 8:00am
Derek Chisholm



Community Involvement Training Conference - Adobe Connect

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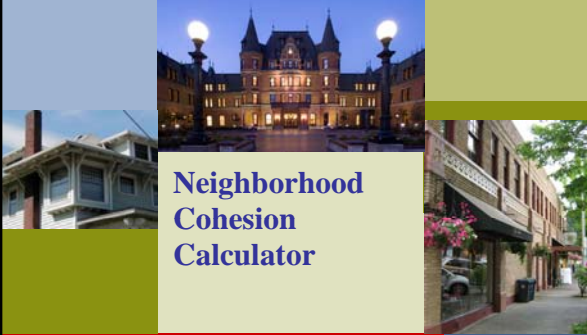
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Thank you!

Let's begin today's session!



Neighborhood Cohesion Calculator

Parametrix

EPA Community Involvement Training Conference 2011


Outline of Presentation:

- Origins of Calculator
- Introduction to Calculator
- Demonstration (Weighting and Scoring)

Learning Objectives:

- Learn about neighborhood cohesion, major determinants, and impacts of programs and major projects.
- Learn how to use the Calculator.

Parametrix




Columbia River CROSSING

Parametrix

No Build

Current I-5 bridge, existing conditions



Parametrix

Replacement Bridge With light rail transit alongside I-5



Parametrix

Light Rail Construction and Operation



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CRC Environmental Analysis

Built Environment

Acquisitions & Displacements
Air Quality
Economics
Electric & Magnetic Fields (EMF)
Energy and Greenhouse gases
Environmental Justice
Land Use
Neighborhoods and Populations
Visual Quality and Aesthetics
Noise and Vibration
Public Services and Utilities

Natural Environment

Ecosystems
Geology
Hazardous Materials
Jurisdictional Wetlands and Waters
Water Quality

Cultural Environment

Archaeology
Historic Resources
Parks and Recreation

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Mukilteo Multimodal Project EIS



Parametrix

Mukilteo Multimodal Project EIS

Presence of *Gathering Places* (schools, churches, parks, grocers)

Other Direct Impacts (physical separation of neighborhoods, separation from resources, changes to mobility and access, distance from other modes to transfer span, duration of construction)

Planning and Input (consistency with neighborhood plans, city support for alternative, documented neighborhood support for a given alternative)

Parametrix

Neighborhood Cohesion Calculator

1. Preparations
2. Weighting Determinants
3. Scoring Neighborhoods
4. Using the Results

Parametrix

Preparations:

1. Identify Neighborhood Representatives
2. Data Gathering
3. Public Notice and
4. Meeting Logistics

The screenshot shows the 'Parametrix Neighborhood Cohesion Calculator' interface. It features a title bar, a menu bar, and a main content area with several input fields and buttons. The interface is designed for data entry and calculation, with a clear layout for users to input neighborhood data.

Parametrix

Weighting Determinants:

1. **Gathering Places** (schools, churches, parks, grocers)
2. **Activities** (neighborhood associations meetings, block parties, neighborhood websites/newsletters)
3. **Planning** (adopted neighborhood plans, city support to neighborhood associations, other planning efforts)
4. **Other characteristics** (physical divisions within the neighborhood/community, population density)

Parametrix

Scoring Neighborhoods:

1. **Gathering Places** (schools, churches, parks, grocers)
2. **Activities** (neighborhood associations meetings, block parties, neighborhood websites/newsletters)
3. **Planning** (adopted neighborhood plans, city support to neighborhood associations, other planning efforts)
4. **Other characteristics** (physical divisions within the neighborhood/community, population density)

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Using the Results:

1. Improve overall Neighborhood Programs
Identify nei's that need help.
Learn from high cohesion nei's
2. Lift up low-cohesion neighborhoods
3. Assess impacts of major projects
Displacement of resources
Separate neighborhood
Opportunities for mitigation

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www.parametrix.com/profile/technicalresources.htm

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**Neighborhood
Cohesion
Calculator**

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Parametrix

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2009