

Indicator 38: The Resilience of Forest- based Communities

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Community Resilience

the existence, development
and engagement
of community resources
by community members
to thrive in an environment
characterized by change,
uncertainty,
unpredictability and surprise.

Community Resilience Measurement Protocol

**a system to measure
the resilience of
forest-based communities.**

**Self Assessment,
Procedures for data collection
and analysis.**

Development

Literature Review

Praxis Review

**Roundtable Focus
Groups**

Analysis & Development

Literature Review

Public Health

Mental Health

Disaster Response

Socio-Ecological Systems

Community Development

Natural Resource

Management

Praxis Review

13 Projects

Key Constructs

Methods

Metrics

Key Results L&P Review

Community Resilience
definition

Other key terms

Scale and data source

Methods

Metrics

Initial framework for Protocol

Key Results

**Community Resources
are Key
to Understanding a
Community's
Resilience**

Roundtable Focus Groups

Key constructs

**National representation of
community data**

**Contextualize to forest
sustainability and MPC&I**

Designing the Protocol

Conceptualize principle
constructs

Design Community
Resilience Self
Assessment

Develop methods for data
collection, analysis,
reporting

Community Resilience

Community Resources
the existence, development
Development of Community
and engagement
Resources
of community resources
Engagement of Community
by community members
Resources
to thrive in an environment
Active Agents
characterized by change,
Collective Action
uncertainty, unpredictability and
Strategic Action
surprise.
Equity
Impact

Matrix of Metrics

| | CR | D | E | AA | CA | SA | E | I |
|------|--|--|--|--|--|---|--|--|
| HC | XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX |
| SC | XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX X XXXXXXXXXXXX X | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XX | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX |
| CC | XXXXXXXXXX | XXXXXXXXXX XXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX X | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX |
| PC | XXXXXXXXXX | XXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX |
| NC | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX | XXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX X | XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX X |
| F/BC | XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX X | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XX | XXXXXXXXXXXX XXXXXXXXXXXX | XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XX | XXXXXXXXXXXX XXXXXXXXXXXX |

Community Resilience

Dimensions

Community Resources

**Development of Community
Resources**

**Engagement of Community
Resources**

Active Agents

Collective Action

Strategic Action

Equity

Impact

Community Resources

Communities have access to many resources.

Resources exist

in the natural environment,

in the people who live in the community,

in the organizations in the community, and

in the community's financial and built structures.

All are necessary for resilient communities.

Community Resources

Natural

How well do people understand the opportunities and limitations of the natural environment in and surrounding your community?

Human

How well do community members' skills match those required to run and work in local businesses?

Social

To what extent are community leaders networked with resources outside the community, e.g., federal, state, county, businesses?

Collective Action

Community Resilience is developed through collective effort from people throughout the community.

People from diverse groups work together toward community goals.

Collective Action

Human

To what extent do community leaders facilitate the collaboration of groups on the community's shared goals?

Social

To what extent do organizations and institutions in your community create partnerships and collaborate to better your community?

Collective Action

Cultural

When community decisions are made:

a. are diverse perspectives presented?

b. are differences in values and cultures explored?

c. do decisions reflect those

Collective Action

Political

When people join to work on community-centered objectives:

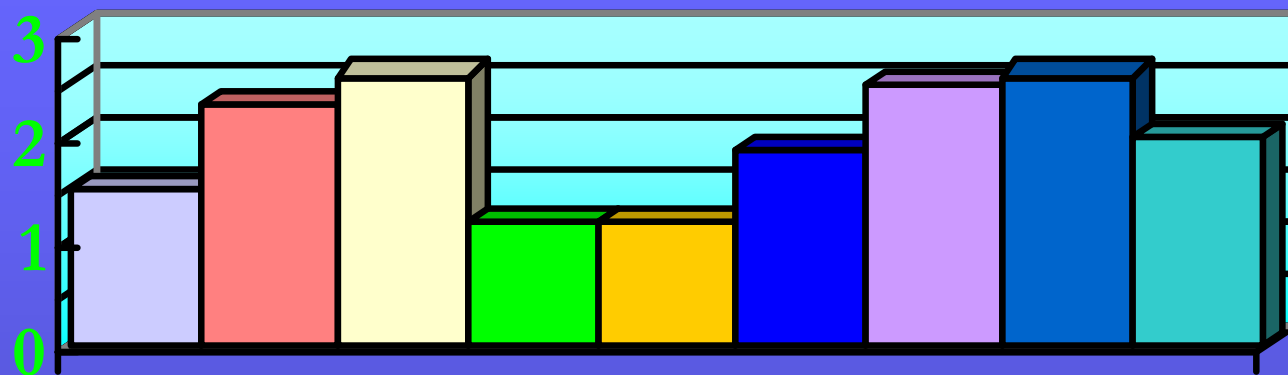
- a. do people from diverse groups work together?
- b. do people know what organizations and people are important to their effort?
- c. do people know how to accomplish their objectives?

Methods

Web Based Self
Assessment

Key Informants

High
Medium
Low



- Community Resources
- Development of Community Resources
- Engagement of Community Resources
- Active Agents
- Collective Action
- Strategic Action
- Equity
- Impact
- Community Resilience Index

Information Uses

Communities

Policy Makers

Public Agencies

Funders

Consultants

Community Resilience: An Indicator of Social Sustainability

Questions

Thank you!