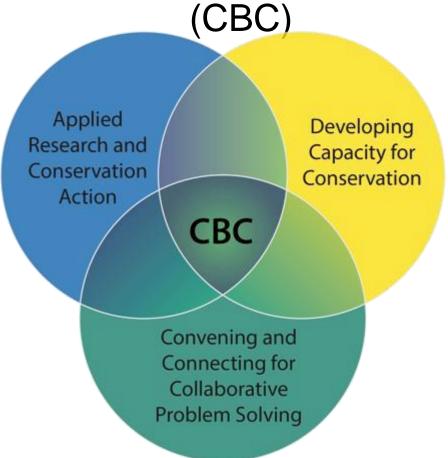


# At the intersection of global goals and local well-being: A lens from the Pacific Islands

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The Center for Biodiversity and Conservation



The CBC transforms knowledge - from diverse sources and perspectives, and spanning areas of scientific research as well as traditional and local knowledge - into conservation action.

## A biocultural approach to indicator development



Begins with an understanding of locally grounded questions and institutions



Uses participatory methods to ensure indicators are relevant for local decisions



Explicitly encompasses environmental and cultural elements in a system



# What are the benefits of using a biocultural approach?



#### Project Area



#### **Exploring Pacific Island Well-being**









Drawing from community-visioning workshops across the Pacific and working with an interdisciplinary research team, we developed an iterative list of 93 elements, within 8 dimensions.





#### **Exploring Pacific Island Well-being**









Drawing from community-visioning workshops across the Pacific and working with an interdisciplinary research team, we developed an iterative list of 93 elements, within 8 dimensions:

- Environmental State
- Access to Natural and Cultural Resources
- Sustainability Management
- Connectedness to People and Place

- Indigenous and Local Knowledge, Skills, Practice, Values, and Worldviews
- Education
- Human Health
- Access to Infrastructure, Civic Services, and Financial Resources

#### Local to Global Exploration: Coding Global Indicators of Sustainable Development

































#### **AICHI BIODIVERSITY TARGETS**





#### Contributions to the Aichi Biodiversity Target

14

**Target:** Ecosystems that provide **essential services**, including services related to water, and contribute to **health**, **livelihoods and well-being**, are restored and safeguarded taking into account the needs of women, indigenous and local communities, and the poor and vulnerable **Indicator:** Extent to which indicators resonate with aspects of well-being (via Well-being Elements)

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BEFORE (2011-2020)

#### Focusing on some of the indicators for this target...

- Red List Index (pollinating species)
- Red List Index (species used for food and medicine)
- Coverage by protected areas of important sites for mountain biodiversity
- Ocean Health Index

#### We find connections to these Well-being Dimensions:

Environmental State

And, to a lesser extent,

- Access to Natural and Cultural Resources
- Sustainability Management

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BEFORE (2011-2020)	AFTER (post-2020)
Focusing on some of the indicators for this target  • Red List Index (pollinating species)  • Red List Index (species used for food and medicine)  • Coverage by protected areas of important sites for mountain biodiversity  • Ocean Health Index	Considering other key dimensions of well-being and using a biocultural approach to indicator development  •Connectedness to People and Place •Indigenous and Local Knowledge •Human Health •Access to infrastructure and services •Education
We find connections to these Well-being Dimensions:  •Environmental State  And, to a lesser extent, •Access to Natural and Cultural Resources •Sustainability Management	We reveal additional metrics to monitor progress towards Target 14 including trends in:  •Appropriate access to cultural resources, supported and recognized by local and/or national rules  •Representation of local and traditional values in stakeholder decisions  •Knowledge of socio-ecological connections, interdependence, and feedbacks  •Access to sustained funding or resources for sustainability management



### Suggestions to IPSI for post-2020



# Consider the role of indicators highlighting connections between people and place

Households and communities are able to move around between different production activities and locations as necessary

(Indicator on "Socio-ecological Mobility" as described in UNU-IAS, Bioversity International, IGES and UNDP

2014)

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Strong families and kinship networks, built over generations, have others they can rely on in times of need and neighbors they can trust

(Vanuatu Alternative Indicators of Wellbeing indicator on "Community Vitality" as described in Storling et al. 2017)

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Provisioning of opportunities by nature for people to develop a sense of place, belonging, rootedness or connectedness, associated with different entities of the living world

(e.g., cultural, sacred and heritage landscapes, sounds, scents and sights associated with childhood experiences, iconic animals, trees or flowers)

(IPBES NCP Reporting Categories indicator on "Supporting Identity" as described in Diaz et al. 2018)



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### Nature-Culture Indicators and Knowledge Systems Resource Directory

Home Resources About



http://resources.cbc.amnh.org/indicators

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#### Mahalo nui loa.

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