

Community Science Strategy

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Community Science Strategy

Motivations

The need for a global perspective of the ocean in addressing climate and sustainability :

To understand a global ocean, similar and interoperability methods are needed for observations, data management and analyses.

To use similar methods in regions of different levels of infrastructure, methods must be adapted to local and regional capabilities, yet remain interoperable and transparent.

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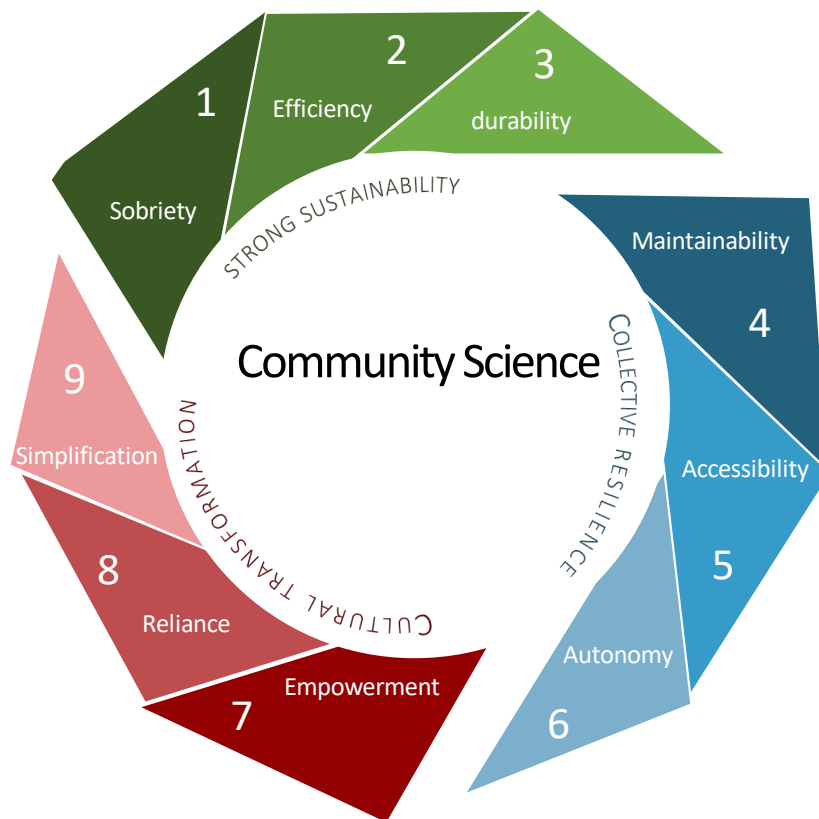
Strategy

Strategy: create best practice adaptations that are usable in regions with differing infrastructure and personnel capabilities.

This strategy addresses the interoperability challenge through active participation of experts in many global regions addressing adaptation and evolution of best practices.

This work will leverage the initial pilot in the OBPS task team 22:01 « Coastal Observation in Developing Countries » and will be enriched by many already existing initiatives around the world

Community Science Strategy | Overall concept



STRONG SUSTAINABILITY

1 Sobriety

Refocusing on the essential and tending towards the technological optimum: lower technological intensity and greater simplicity allowing to ensure the needs with a high level of reliability

2 Efficiency

Minimizes energy and resource consumption, from raw material extraction through production, distribution and use to end-of-life

3 Durability

Demonstrates maximum technical, functional, ecological and human viability in the short, medium and long term

COLLECTIVE RESILIENCE

4 Maintainability

Can be maintained and repaired by the users themselves as much as possible, with standard parts and materials

5 Accessibility

Offering maximum ease of use (and potentially great diversity in terms of production)

6 Autonomy

Is made from resources that are exploited and processed as locally as possible

CULTURAL CHANGE

7 Empowerment

Facilitates the appropriation by the greatest number, gives power to citizens and territories

8 Reliance

Promotes the sharing of knowledge and know-how, cooperation, solidarity, social cohesion and links between communities

9 Simplification

Decomplexes society at the socio-economic and organizational levels based on a reflection on needs and vulnerabilities

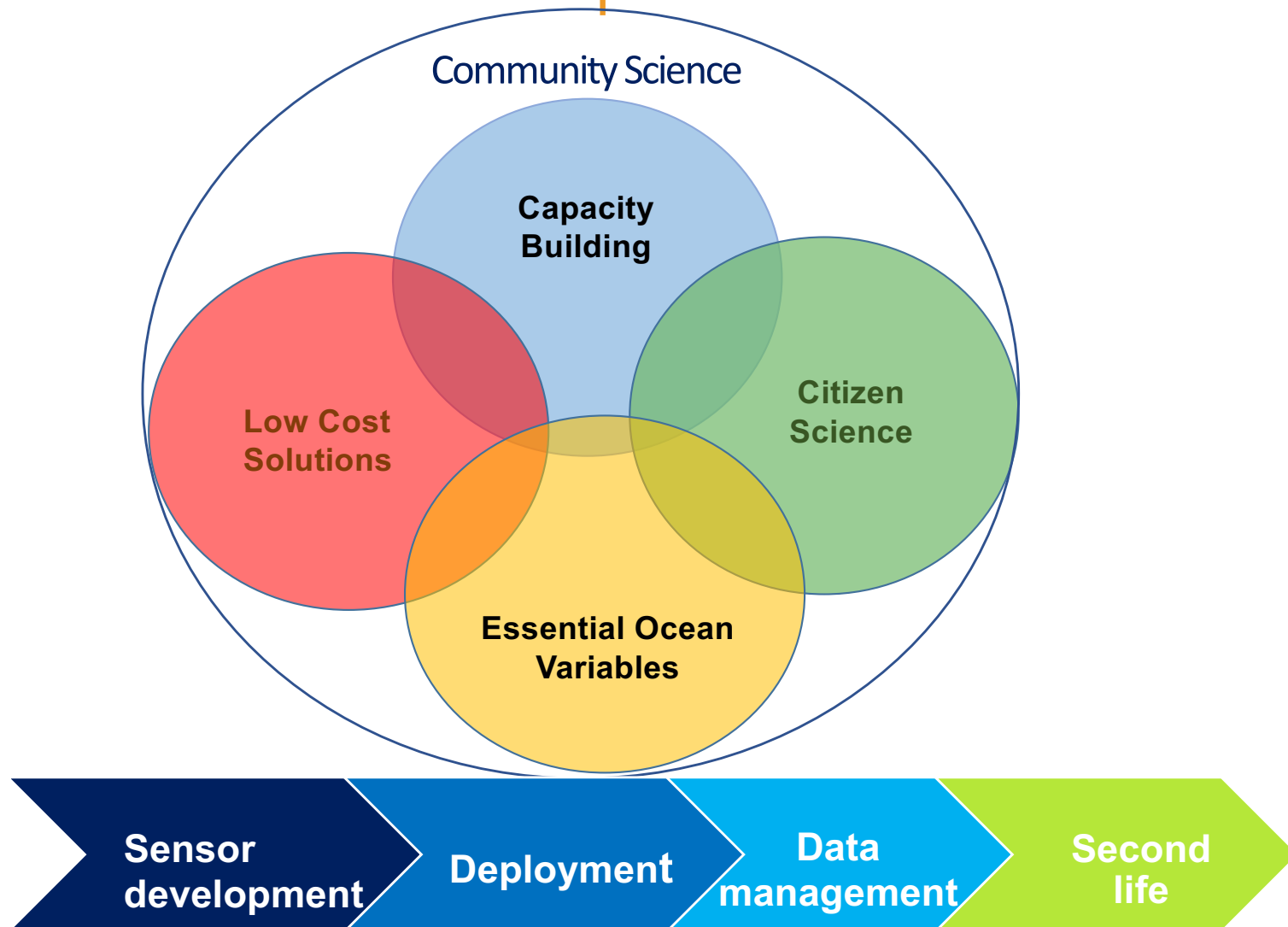
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Implementation at all stages of the marine data and information strategy



Community Science Strategy

An integrating concept



Community Science Strategy

A growing community of interest

