

Introduction to resilience

Session 3 Resilience process, principles and practice

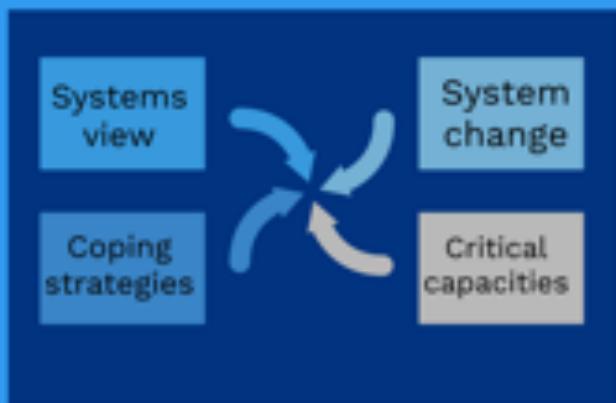
Resilience
Process

Resilience
Practice

Resilience
Principles



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RESILIENCE
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Systems
view

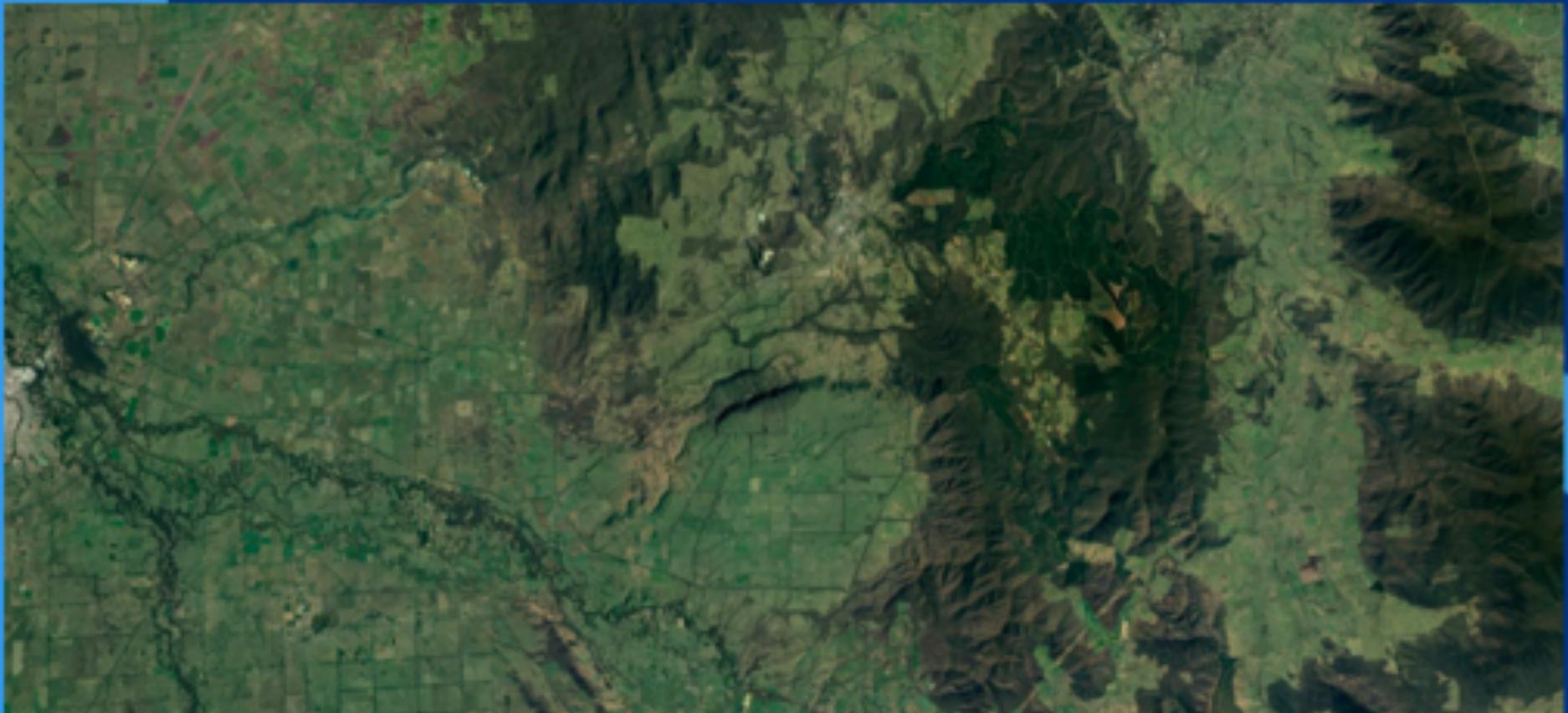
System
change

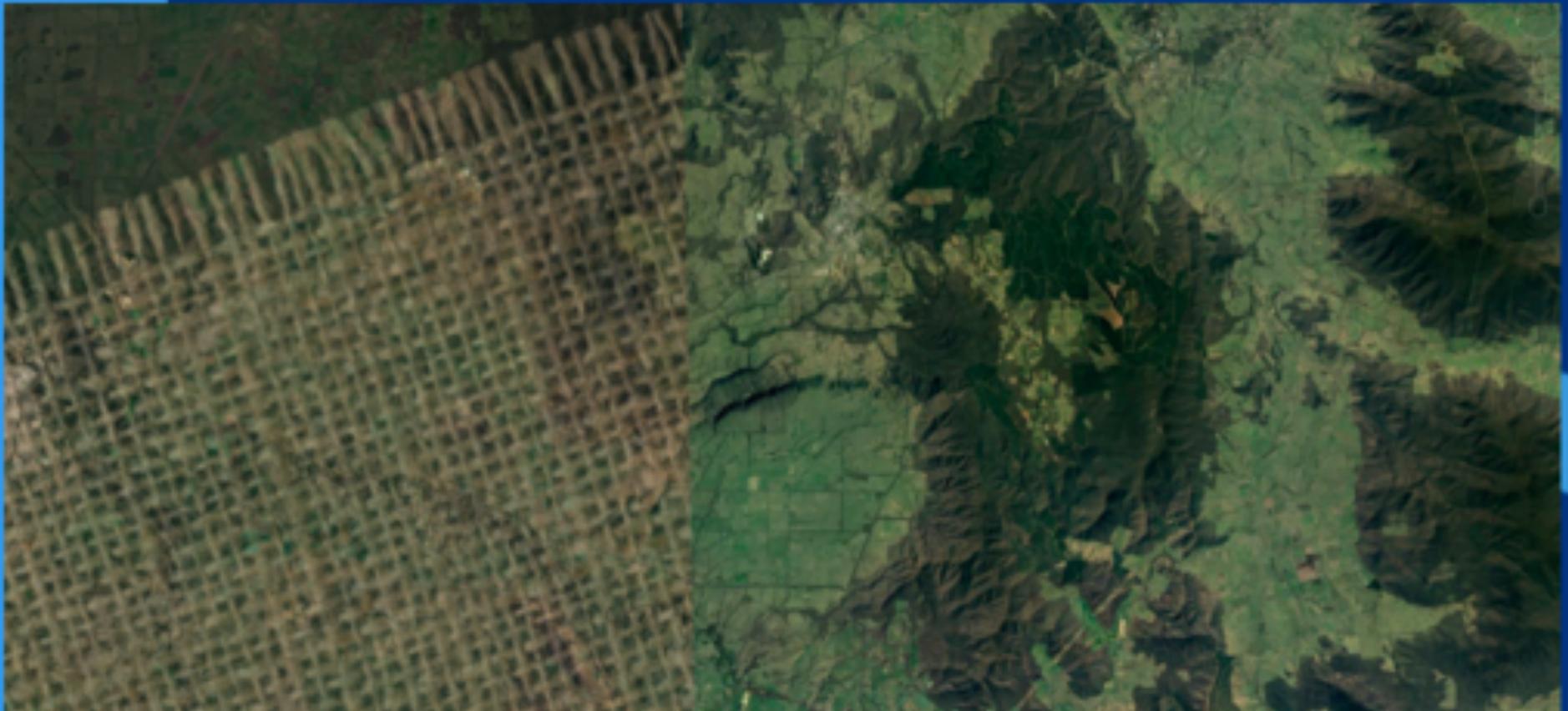
Coping
strategies

Critical
capacities



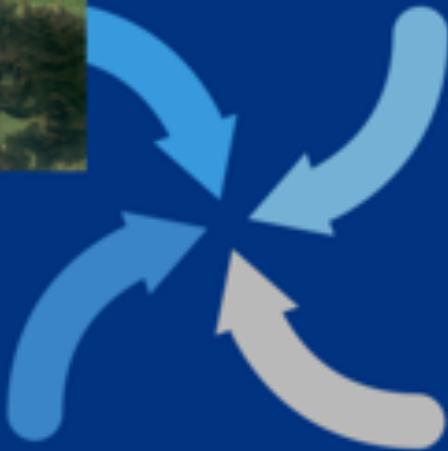
Systems view







Coping
strategies

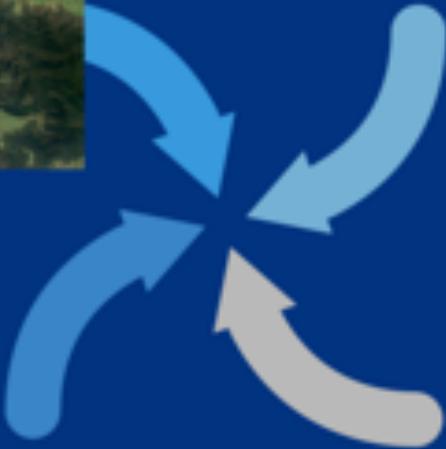


System
change

Critical
capacities

System change



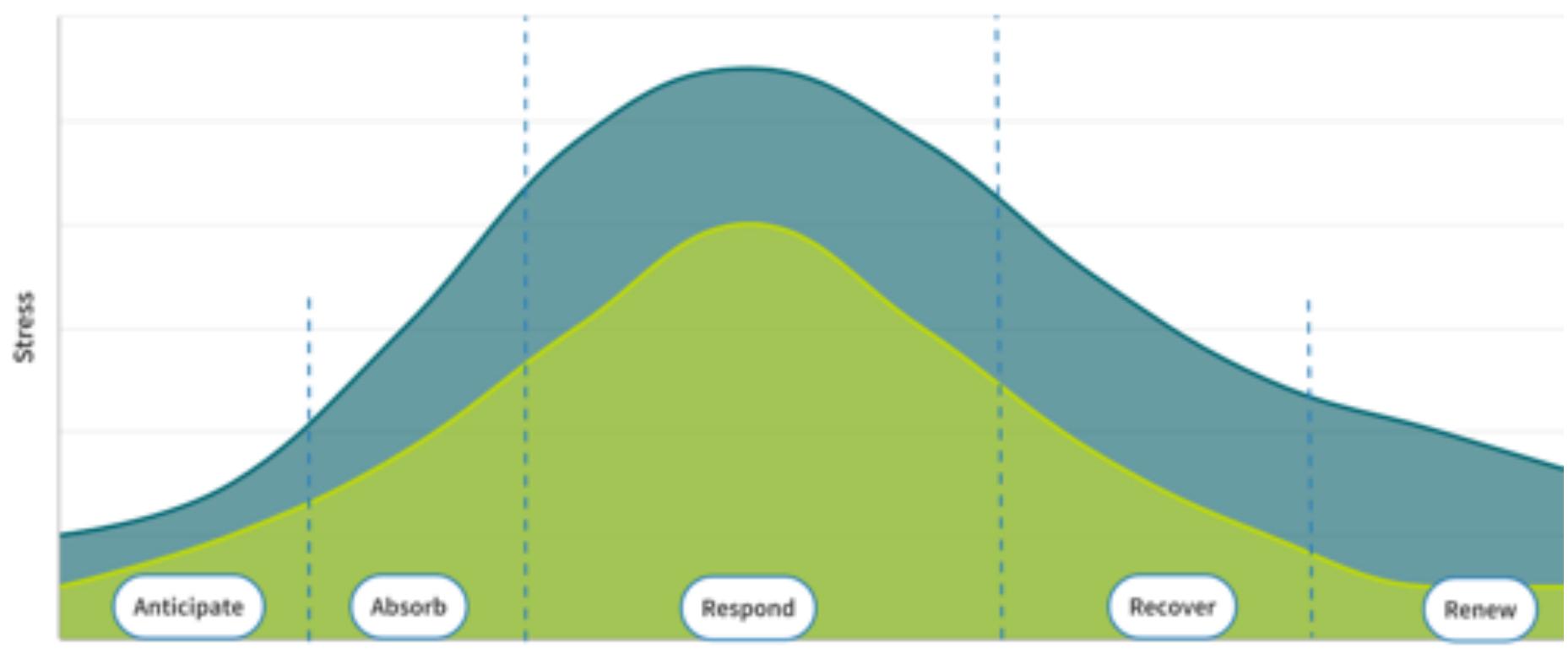


Coping
strategies



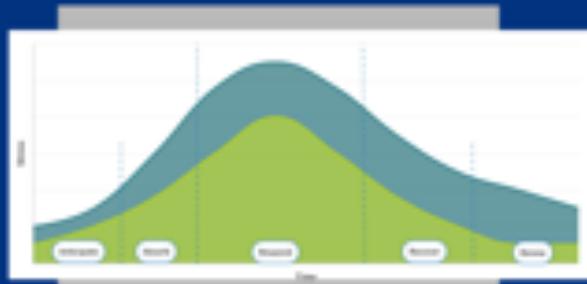
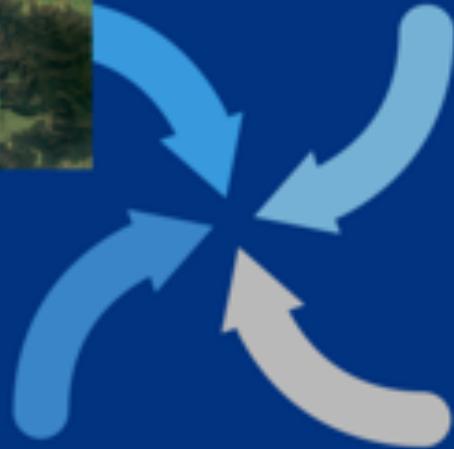
Critical
capacities

Critical capacities





Coping
strategies



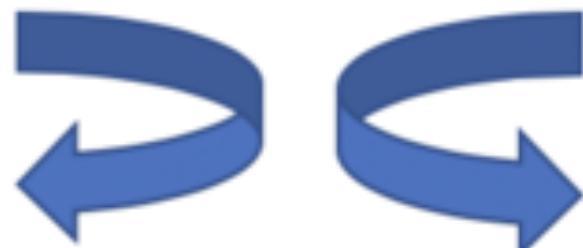
Coping strategies

Resilience

(coping strategies)

Persistence

Adaptation



(reinforcing adaptations)

(creative adapt)

Resilience

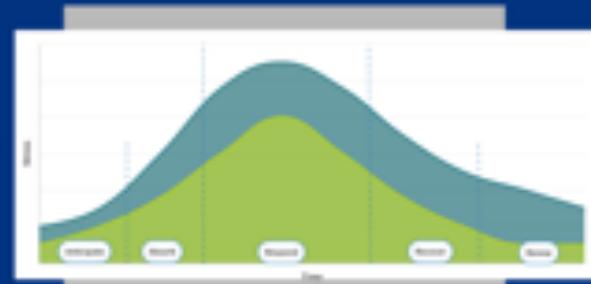
(coping strategies)

Persistence

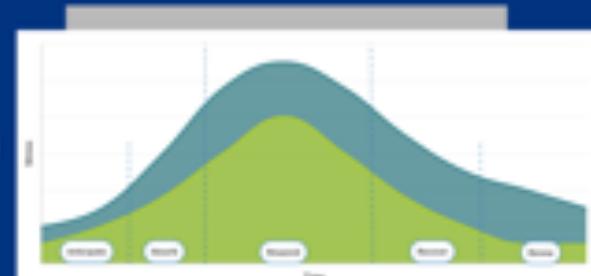
Adaptation

Transformation

(reinforcing adaptations) (creative adaptations)













Resilient design principles

Principles for resilient systems

There are eight imperatives that must underpin any interventions to build and strengthen system resilience.

These provide a **foundation** on which to build more resilient systems.

They provide a **safety net** for when our understanding or actions fall short.

1. Adopt a system (complexity) perspective to appreciate the interdependencies between social, environmental and economic factors.



2. Develop adaptive governance and leadership
approaches that enable people and institutions to prepare
for, respond to and learn from change.



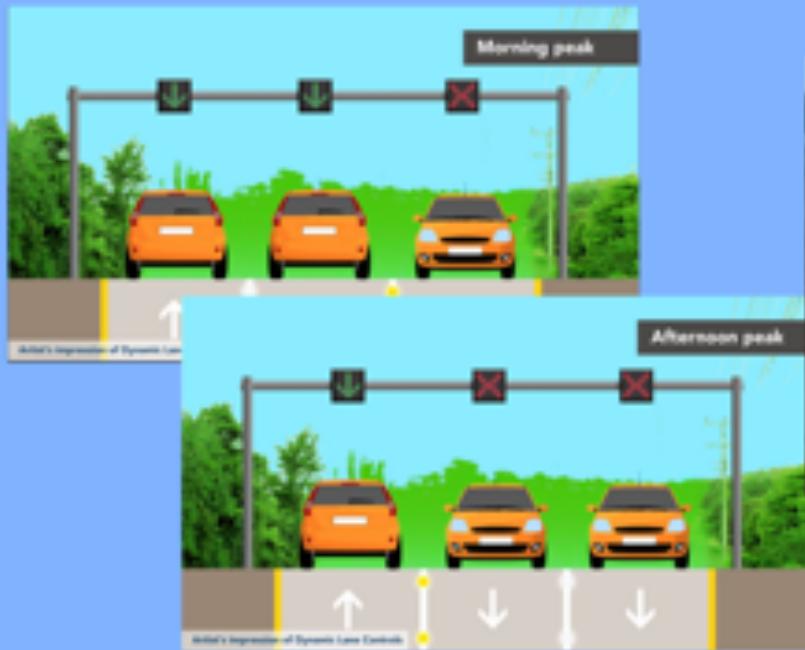
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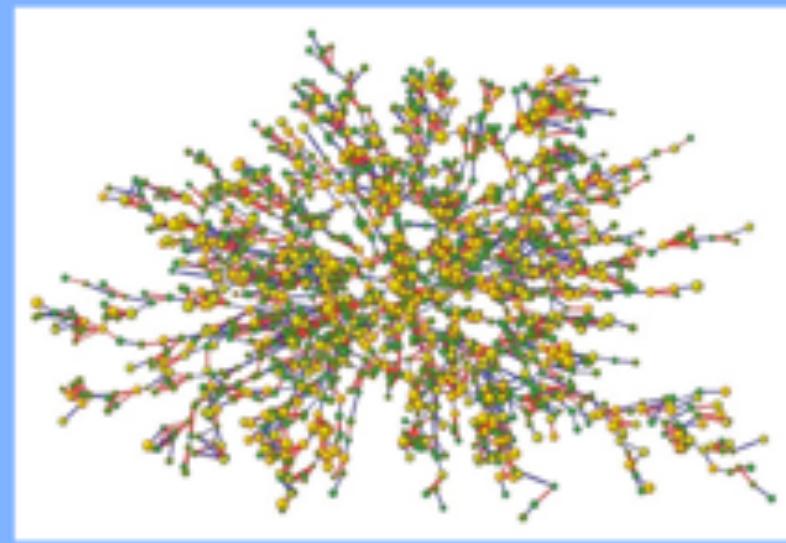
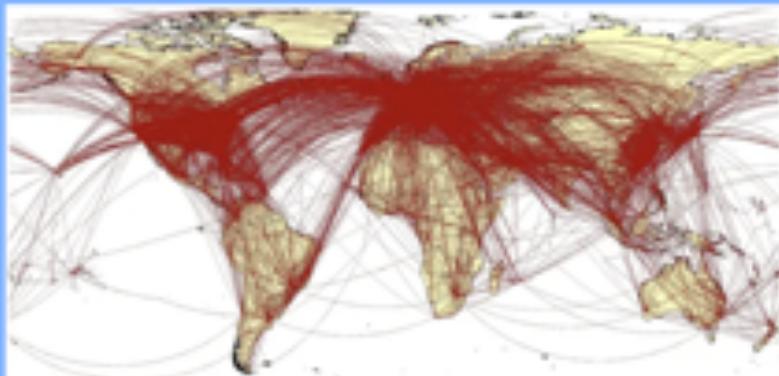
3. Build and support self-organisation capacities so communities can prepare for, and recover from shocks and stresses, capitalise on opportunities and be less reliant on external support.



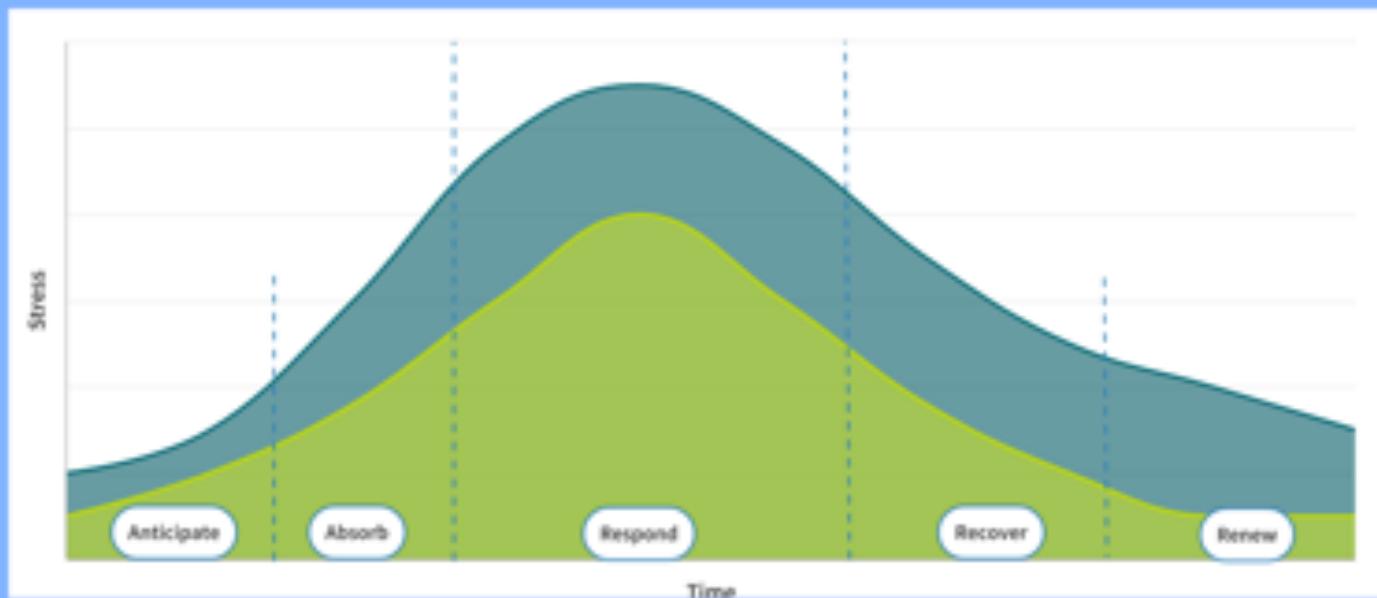
4. Design for flexibility to enable deliberate adaptation and transformation and avoid the costs of rigid systems that become 'brittle' and prone to failure over time.



5. Manage connectivity within and between systems to allow flows of essential elements, while recognising that over-connectivity can allow undesirable contagions to spread .



6. Value, retain and build critical resilience capacities to anticipate, absorb, respond, recover and renew from shocks and stresses.

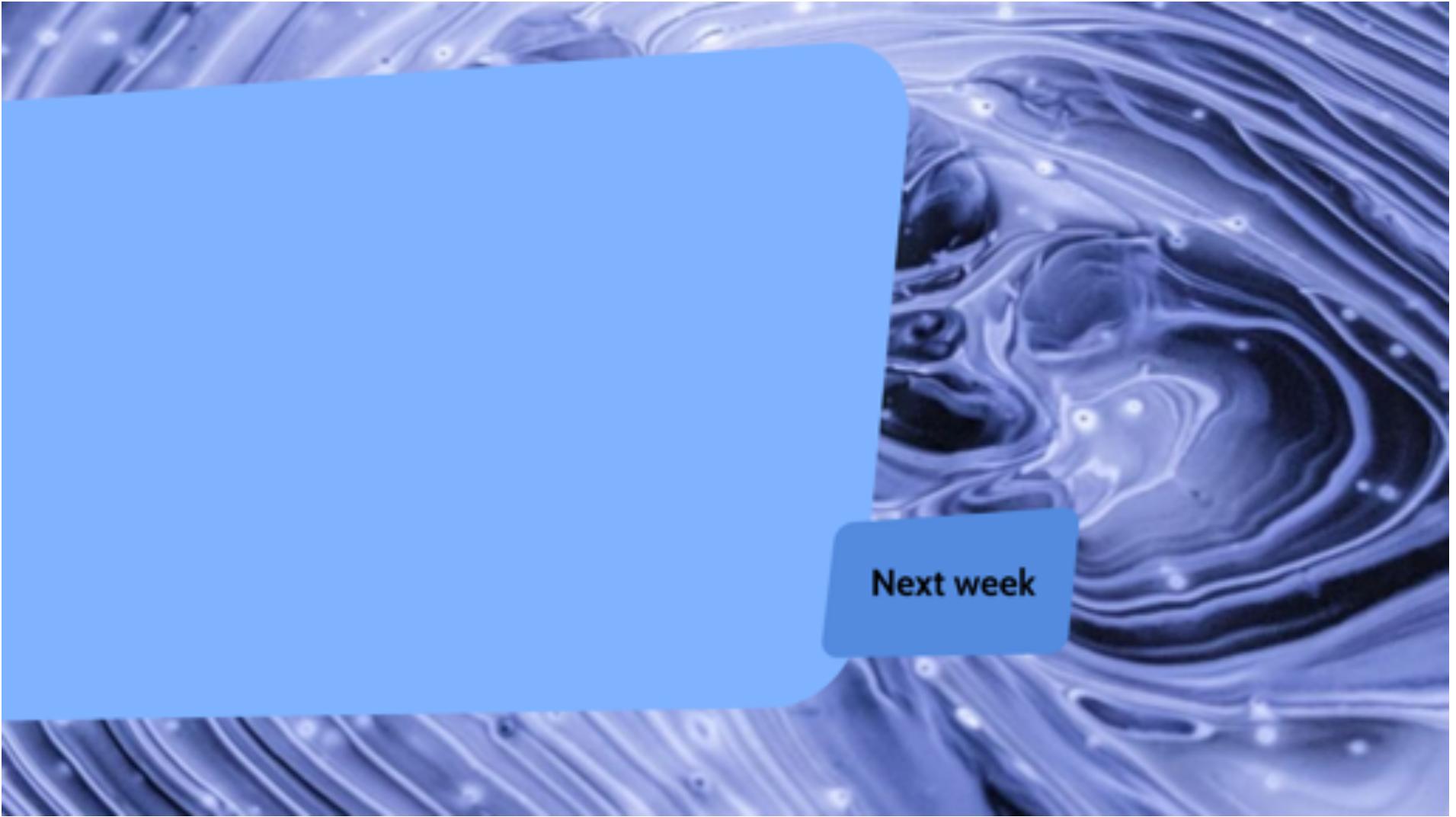


7. Orientate towards influential dynamics in systems, particularly slow changing variables and the presence of leverage and tipping points

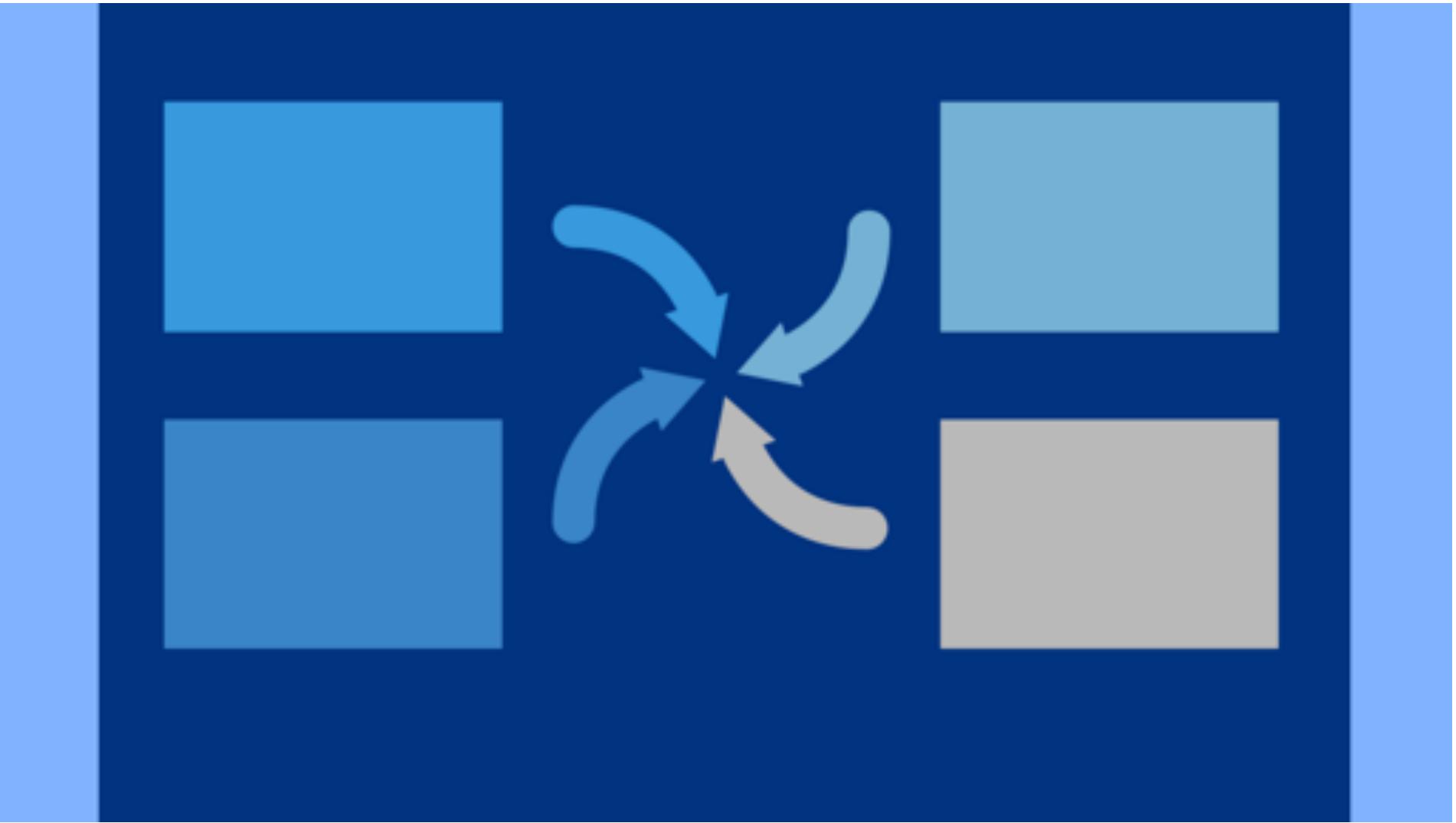


8. Deliberately learn for change, to create the future we want.





Next week



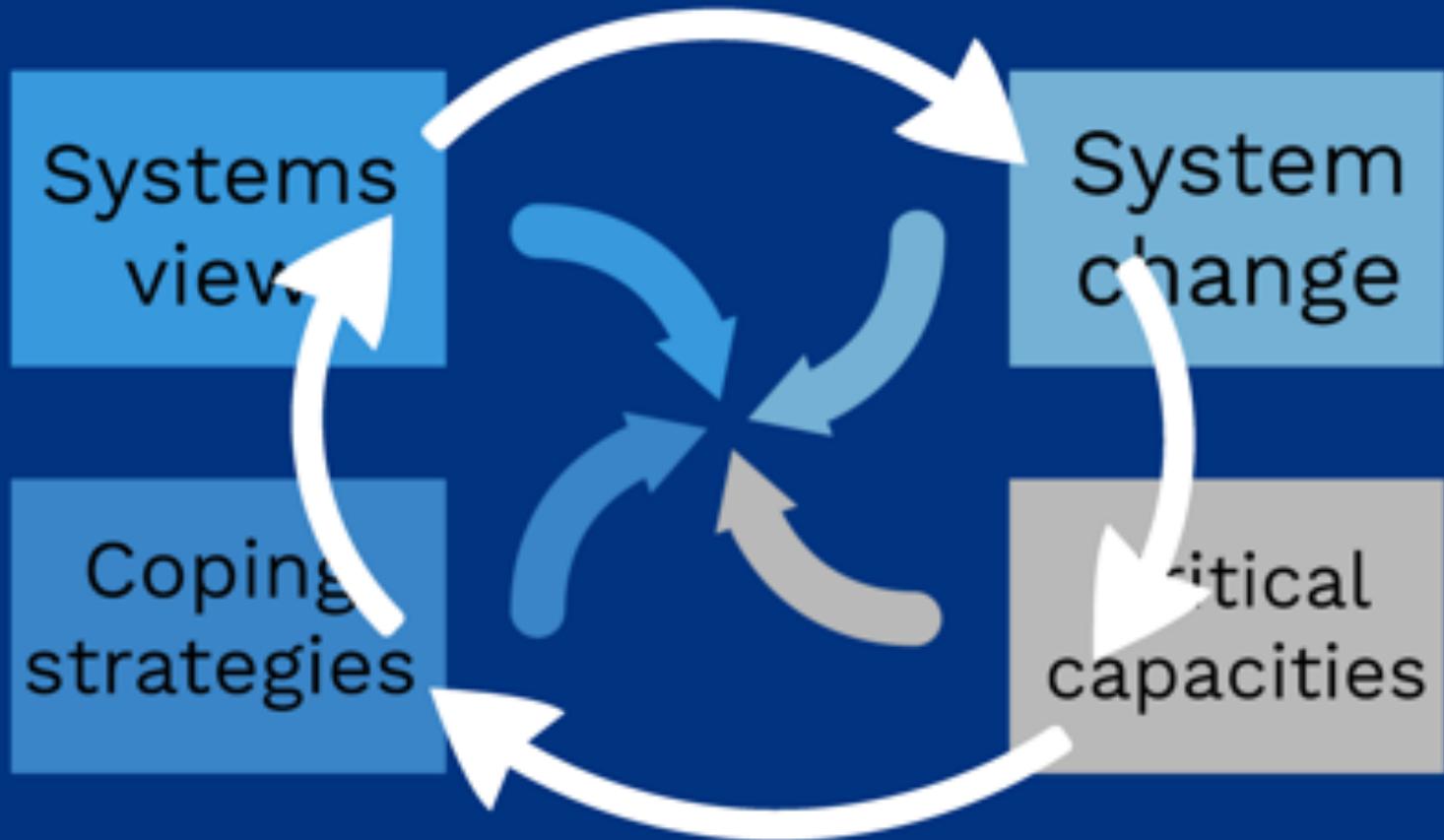
Systems
view

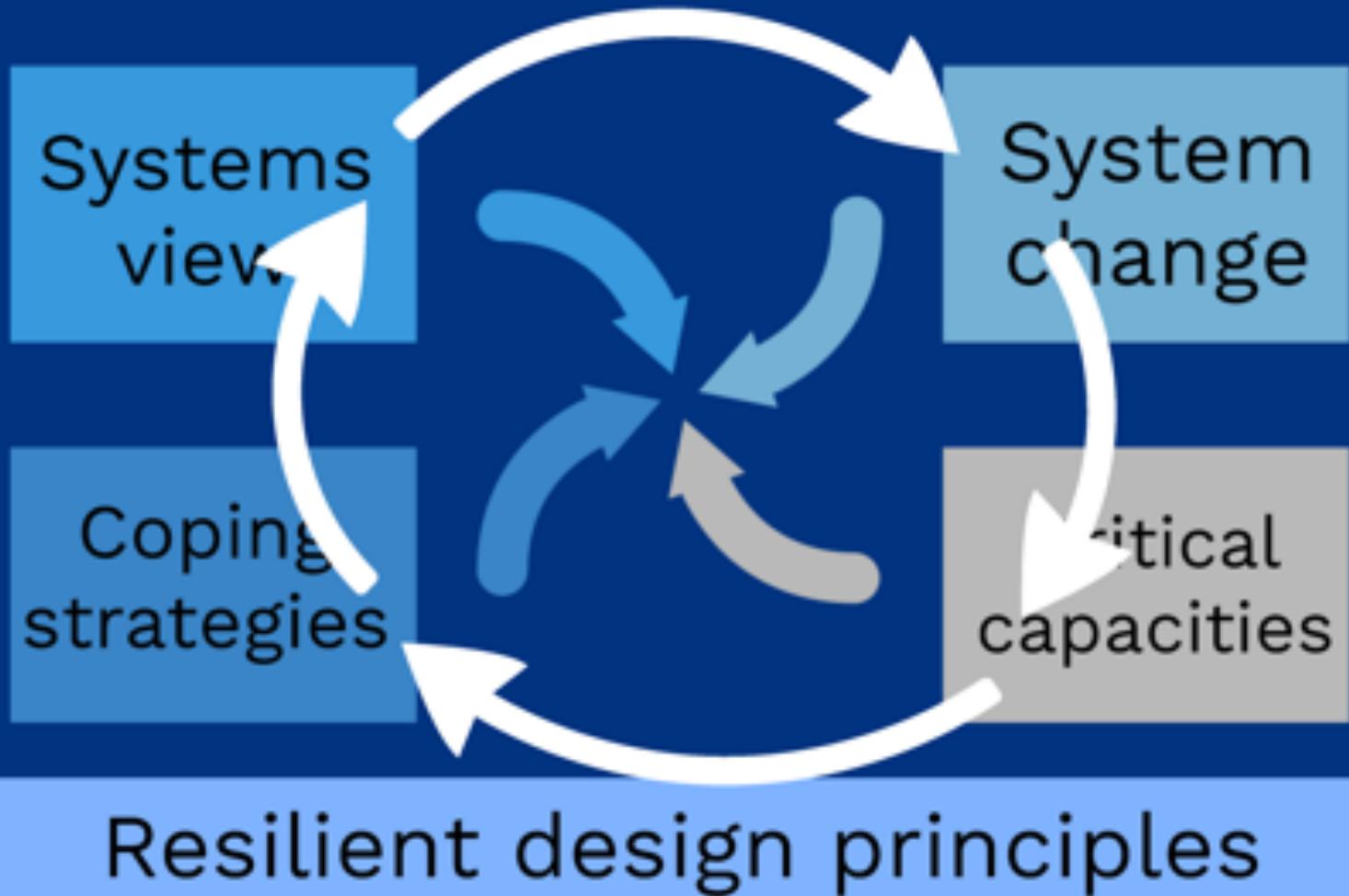
Coping
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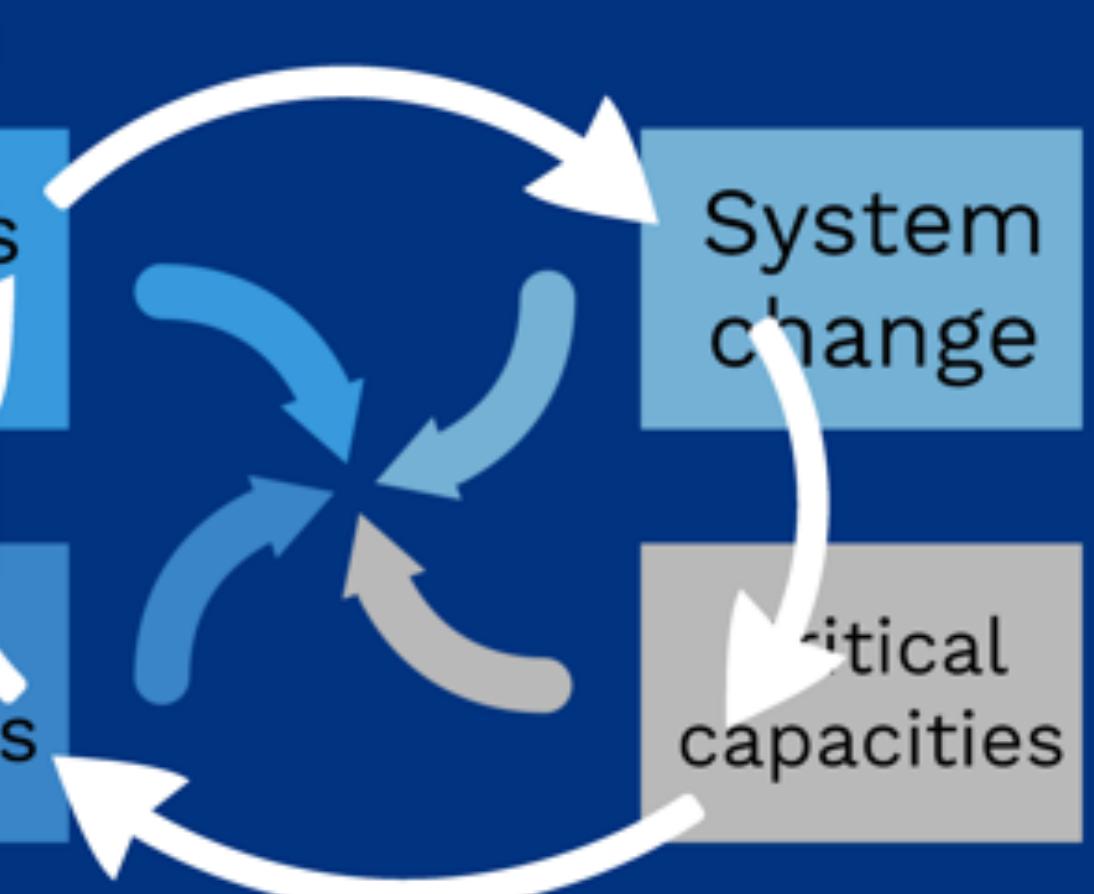
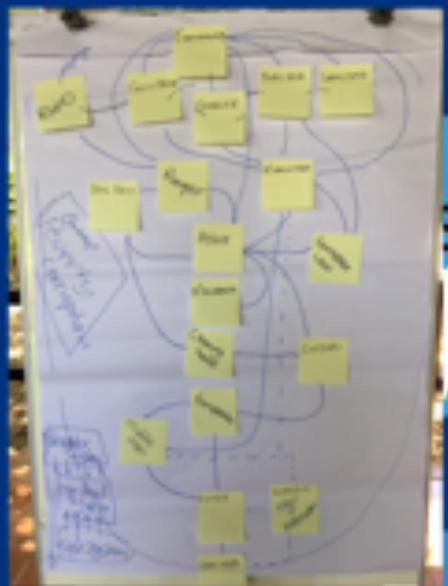
System
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Critical
capacities

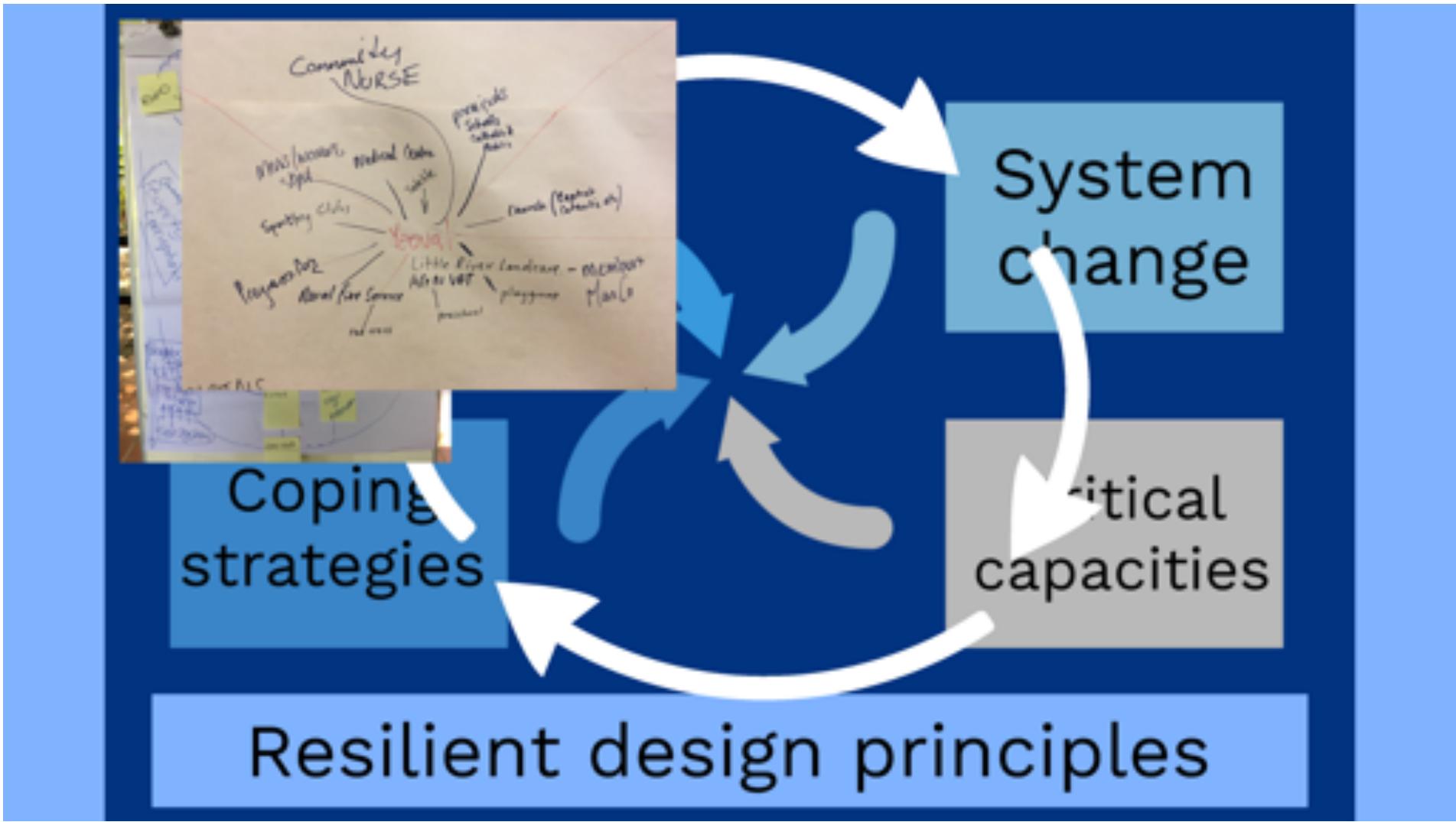


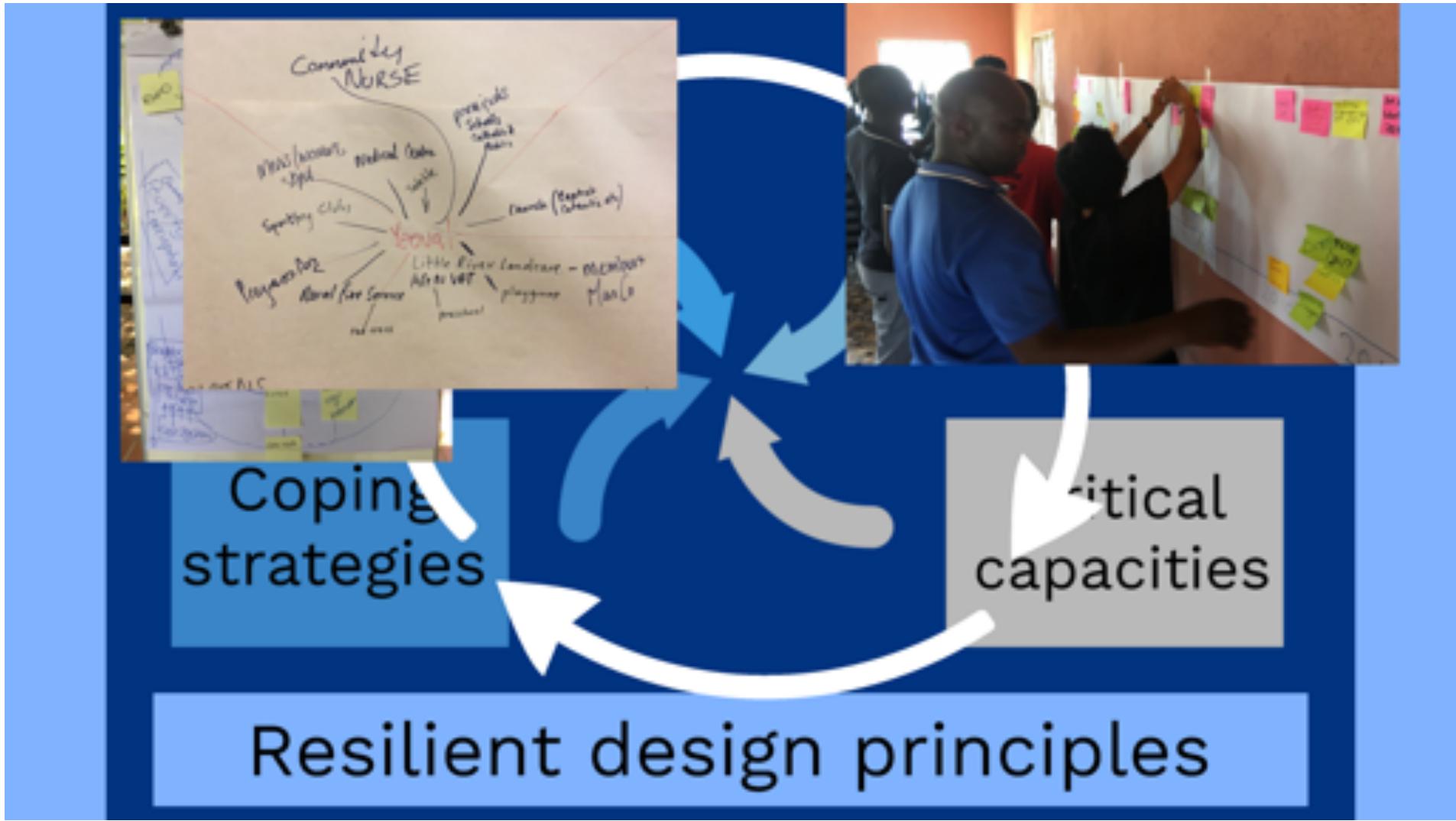




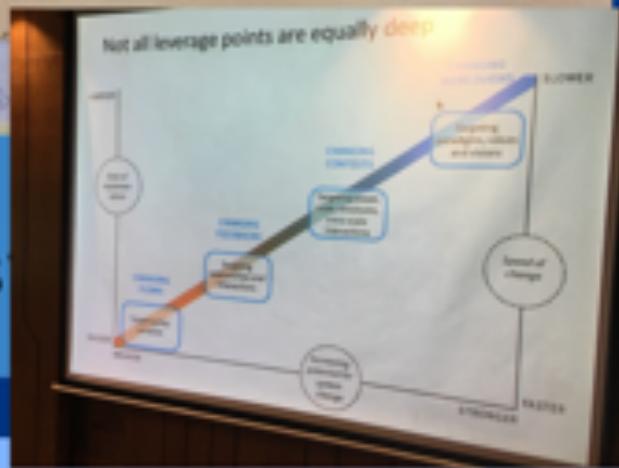
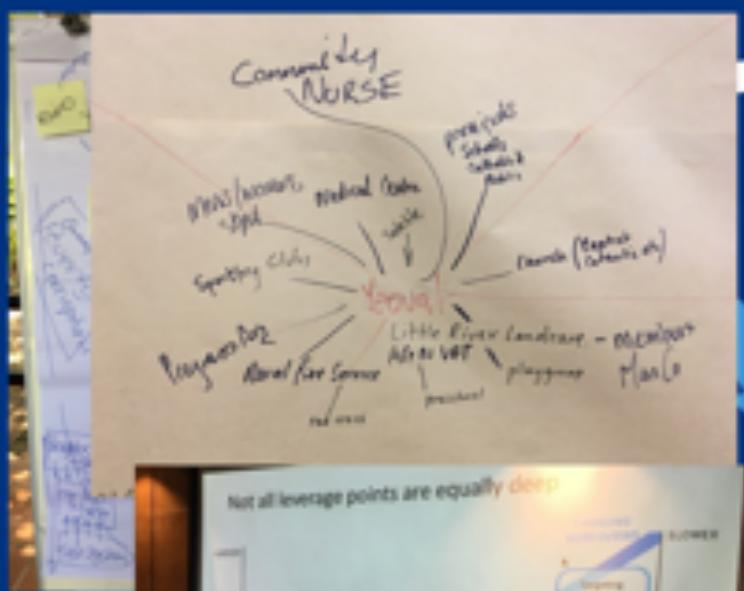


Resilient design principles









Resilient design principles

Local Community Resilience Network



When the dust settles

Resilient design principles

The background of the slide features a marbled pattern in shades of blue and white, resembling liquid or ice. A large, solid blue rectangular area is positioned in the upper left quadrant, containing the text.

Questions/comments?

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Process

Resilience
Practice

Resilience
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