Marron, more than a meal-revive our rivers

A collaborative approach

HARVEY RIVER RESTORATION TASKFORCE INC.

marron, more than a meal
REVIVE OUR RIVERS

Lessons Learned

How do we monitor, evaluate, adapt & communicate our program outcomes?

How do we more effectively engage with the community?

What are we trying to achieve?

Who are our key stakeholders?

Collaborative, catchment scale approach.

Protect, enhance, and connect waterway and wetland habitats.

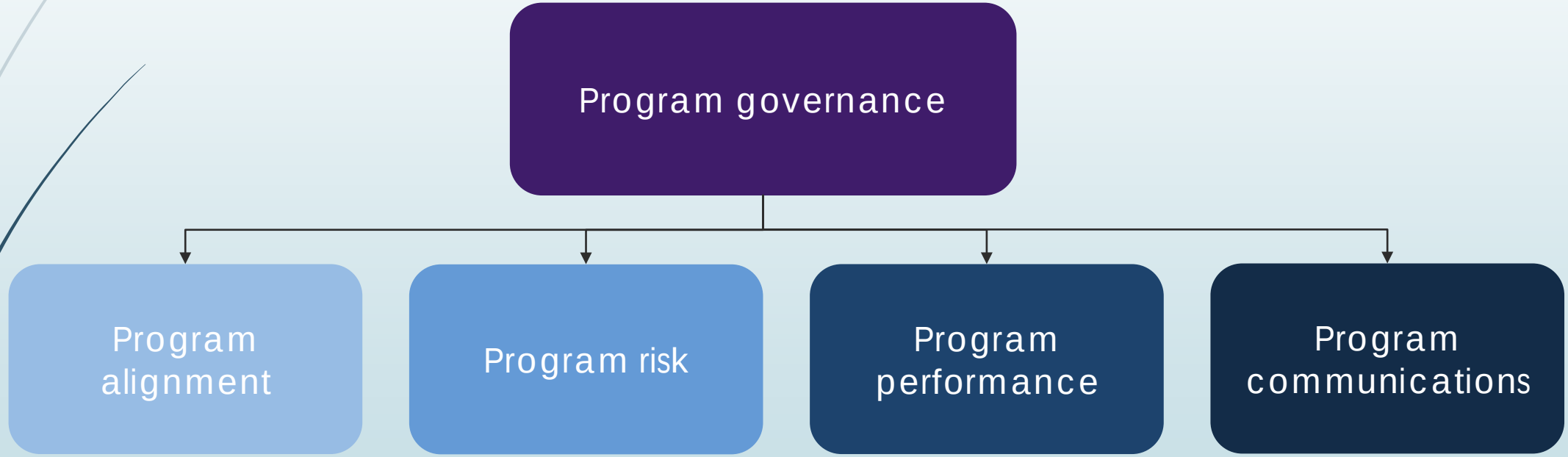
Marron has broad appeal which could unite a diversity of people.

Marron is sensitive to changes in temperature, oxygen, and salinity.

Collaborative, catchment scale approach.

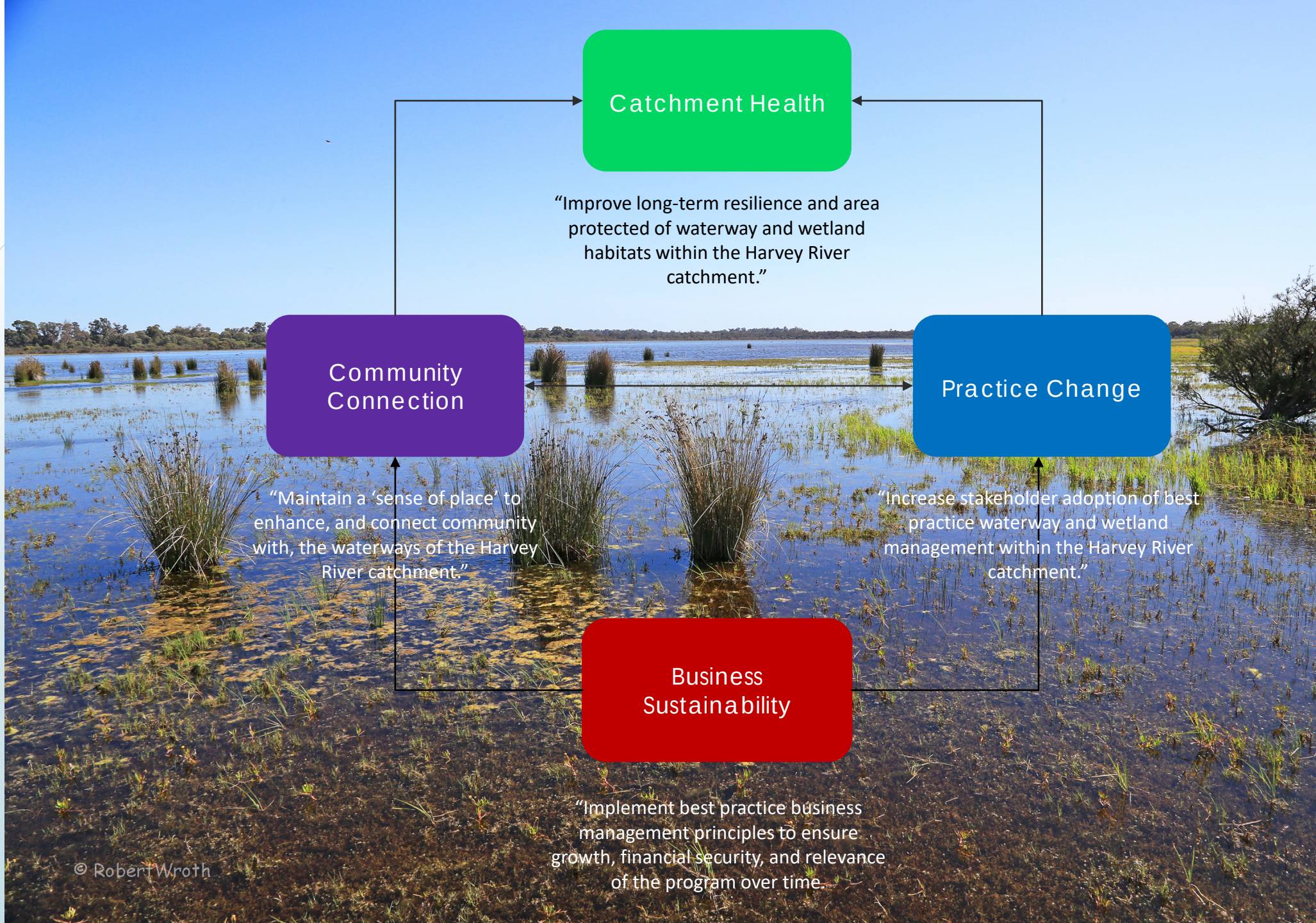
Shared Vision

"The waterways and wetlands of the Harvey River catchment are revitalised and thriving, supporting healthy, resilient communities and productive landscapes"

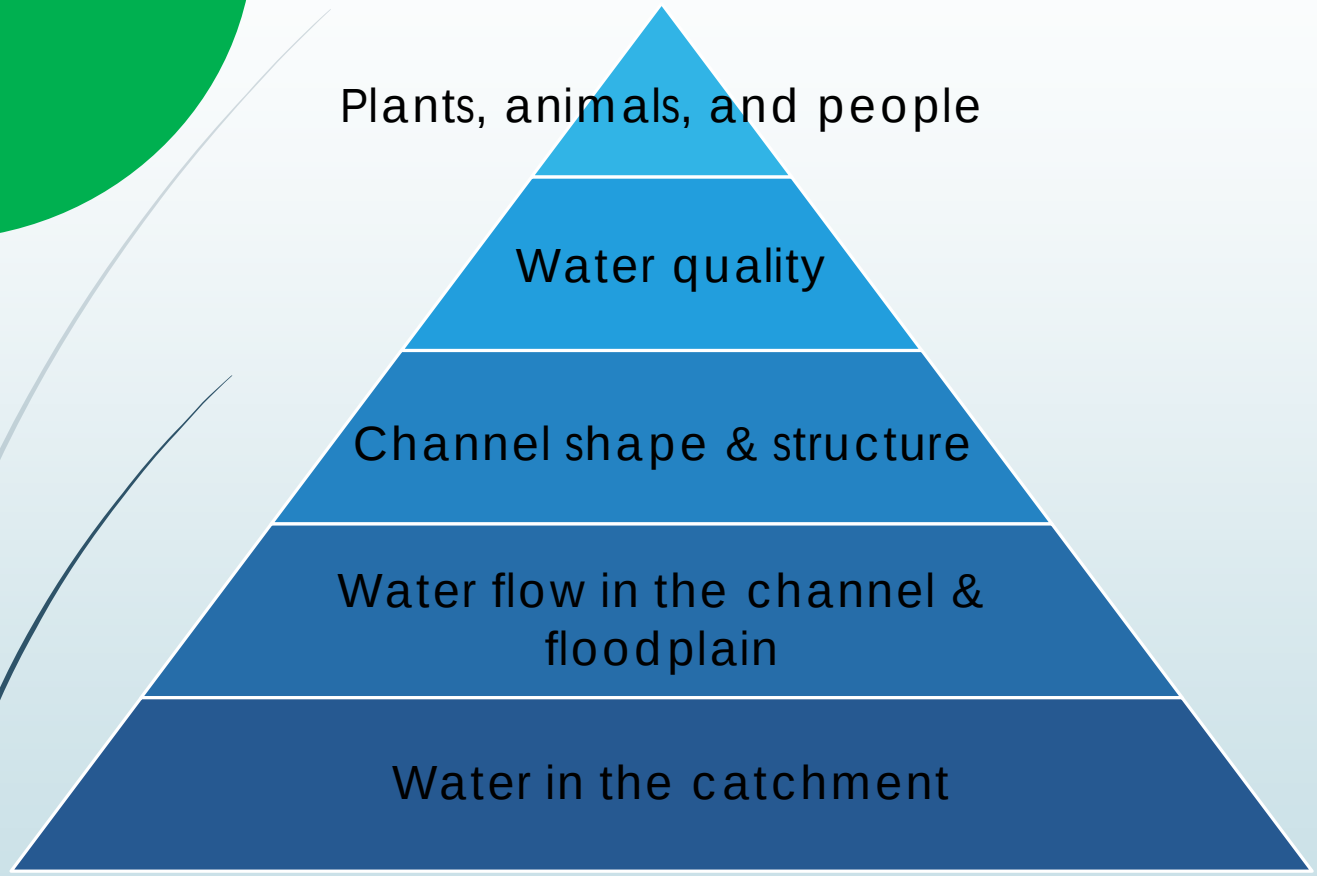


Source: Project Management Institute (2016)

Focus areas & long-term goals



Catchment Health



Source: Harman et al, 2012

Community Connection

How do we value our waterways and wetlands?

What benefits do they provide us?

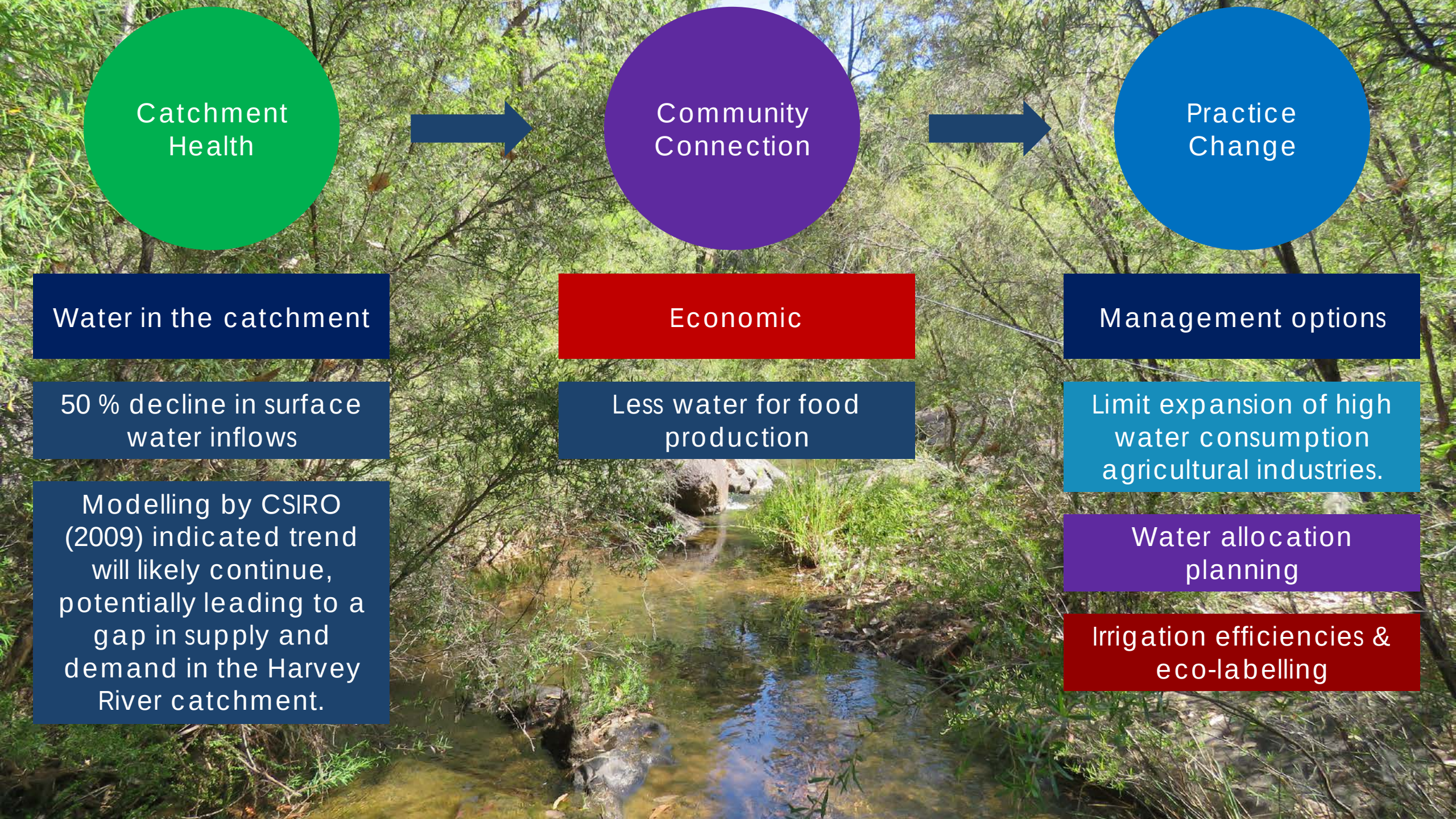
Ecological

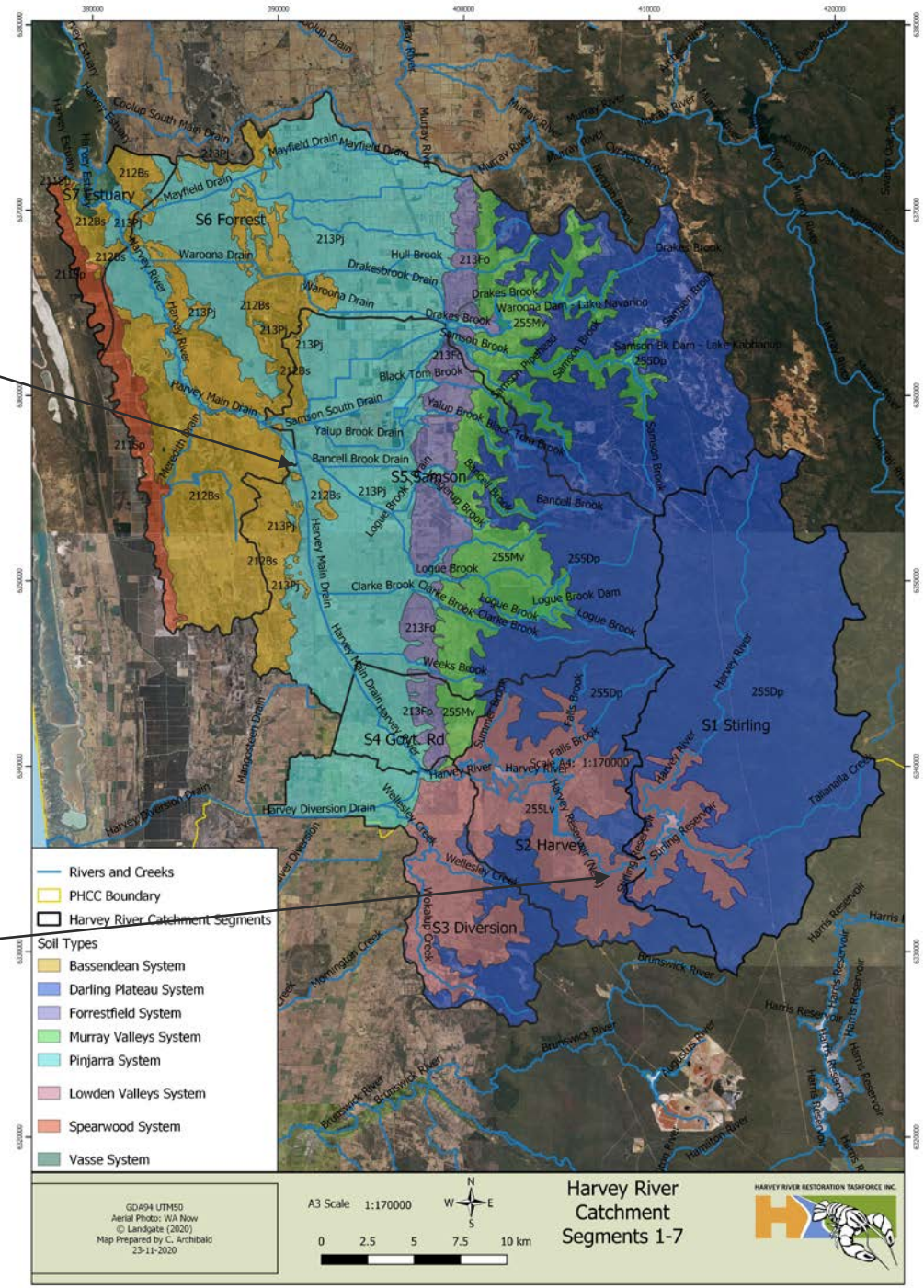
Economic Social/cultural

Practice Change

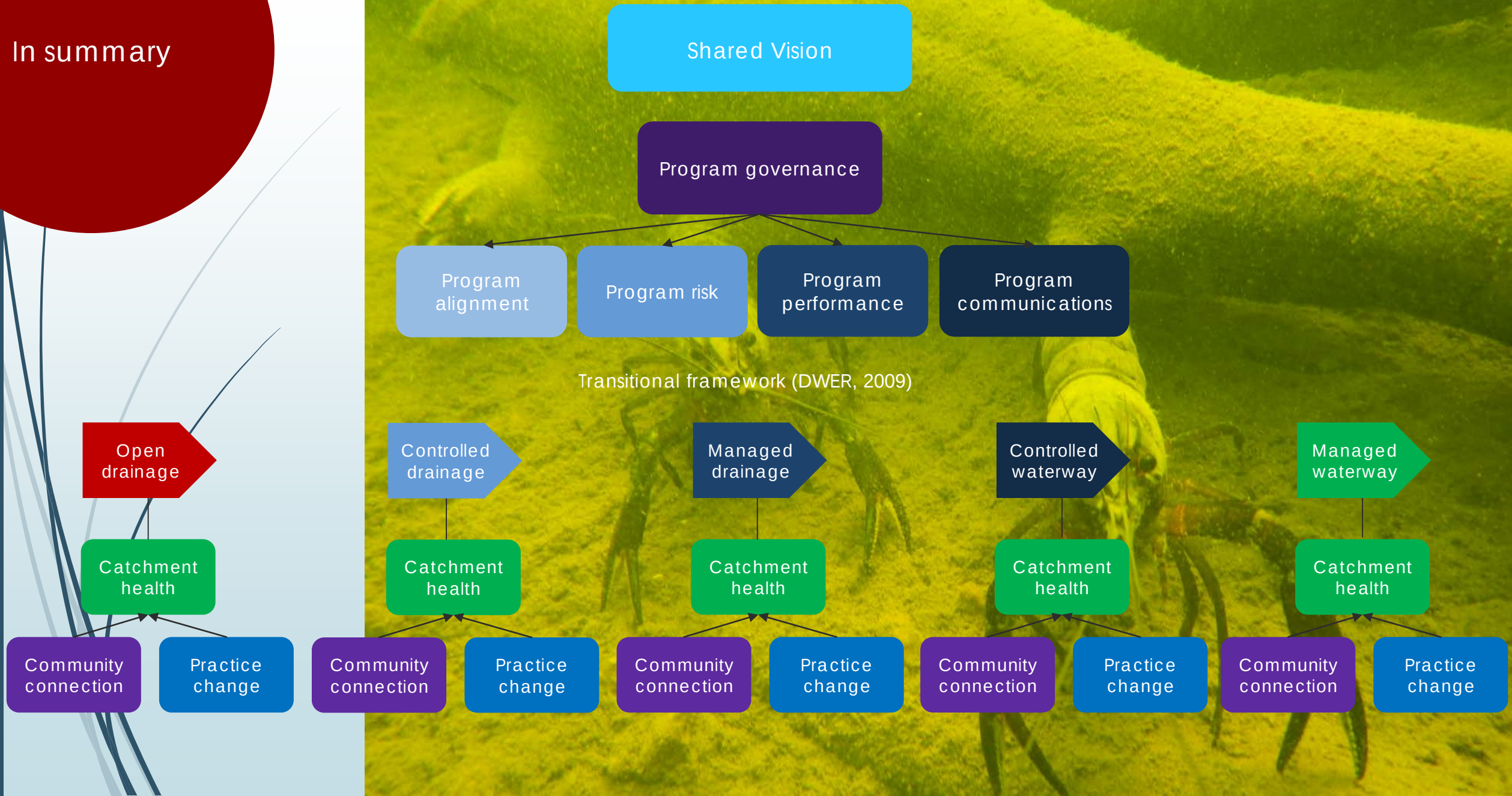
- Policy alignment & coordination
- Planning, preparedness & implementation
- Management arrangements
- Financing
- Capacity development
- Monitoring, evaluation, learning & innovation

Jimenez et al 2020


Catchment Health
Community Connection
Practice Change
Water in the catchment
50 % decline in surface water inflows
Modelling by CSIRO (2009) indicated trend will likely continue, potentially leading to a gap in supply and demand in the Harvey River catchment.
Economic
Less water for food production
Management options
Limit expansion of high water consumption agricultural industries.
Water allocation planning
Irrigation efficiencies & eco-labelling


S7 Estuary
S6 Forrest
S5 Samson
S4 Govt. Rd
S3 Diversion
S2 Harvey
S1 Stirling
Rivers and Creeks
PHCC Boundary
Harvey River Catchment Segments
Soil Types
Bassendean System
Darling Plateau System
Forrestfield System
Murray Valleys System
Pinjarra System
Lowden Valleys System
Spearwood System
Vasse System
GDA94 UTM50
Aerial Photo: WA Now
© Landgate (2020)
Map Prepared by C. Archibald
23-11-2020
A3 Scale 1:170000
0 2.5 5 7.5 10 km
Harvey River Catchment Segments 1-7
HARVEY RIVER RESTORATION TASKFORCE INC.

In summary


Shared Vision
Program governance
Program alignment
Program risk
Program performance
Program communications
Transitional framework (DWER, 2009)
Open drainage
Controlled drainage
Managed drainage
Controlled waterway
Managed waterway
Catchment health
Catchment health
Catchment health
Catchment health
Catchment health
Community connection
Practice change
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Practice change

Thanks for listening