

A participatory framework for Chapter-lead
community conservation programs:
~~Lessons from Oceania~~
an example from Sydney

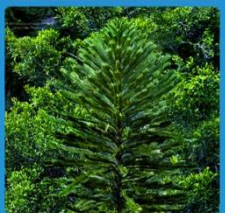
Monica Awasthy, Sandra Vogel & David Vardeh



SYDNEY - SOCIETY FOR
CONSERVATION BIOLOGY



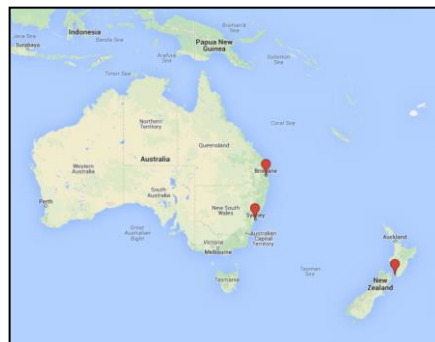
sydneyscb.org or on Facebook





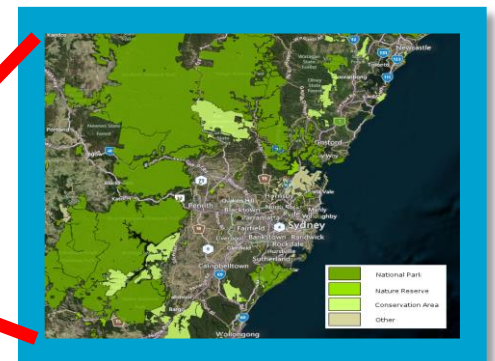
SCB Chapters & Oceania

- Local community engagement and conservation projects
- Oceania: Wellington (NZ), Sydney & Brisbane (Australia)
 - Varying approaches and diverse members
 - Many chapters are city-based



Project approaches are context-dependant

- ◆ Projects as an engagement tool
- ◆ Approaches:
 - ◆ adding value/rigour to an existing community/public project
 - ◆ driving your own project that engages the community/public
- ◆ Sydney is a big place!





Participatory Science

Citizen Science, Participatory Action Research, Community Conservation...

- ◆ **PPSR** “public participation in scientific research” – intentional collaborations in which members of the public engage in the process of research to generate new science-based knowledge
 - ◆ **To have an impact, PPSR should aim for one or more outcomes:**
 1. outcomes for research (e.g. scientific findings)
 2. outcomes for individual participants (e.g. acquiring new skills or knowledge)
 3. outcomes for social-ecological systems (e.g. influencing policies, building capacity for decision making, taken conservation action)



Models of Participation

Contractual

Scientists do the project for the public

Contributory

Project designed by scientists, public collects data

Collaborative

Project designed by scientists and assisted by participants

Co-created

Project designed by both scientists and the participants;
high level of involvement in scientific process

Collegial

Public does the project independently



Models of Participation

Contributory

Project designed by scientists, public collects data

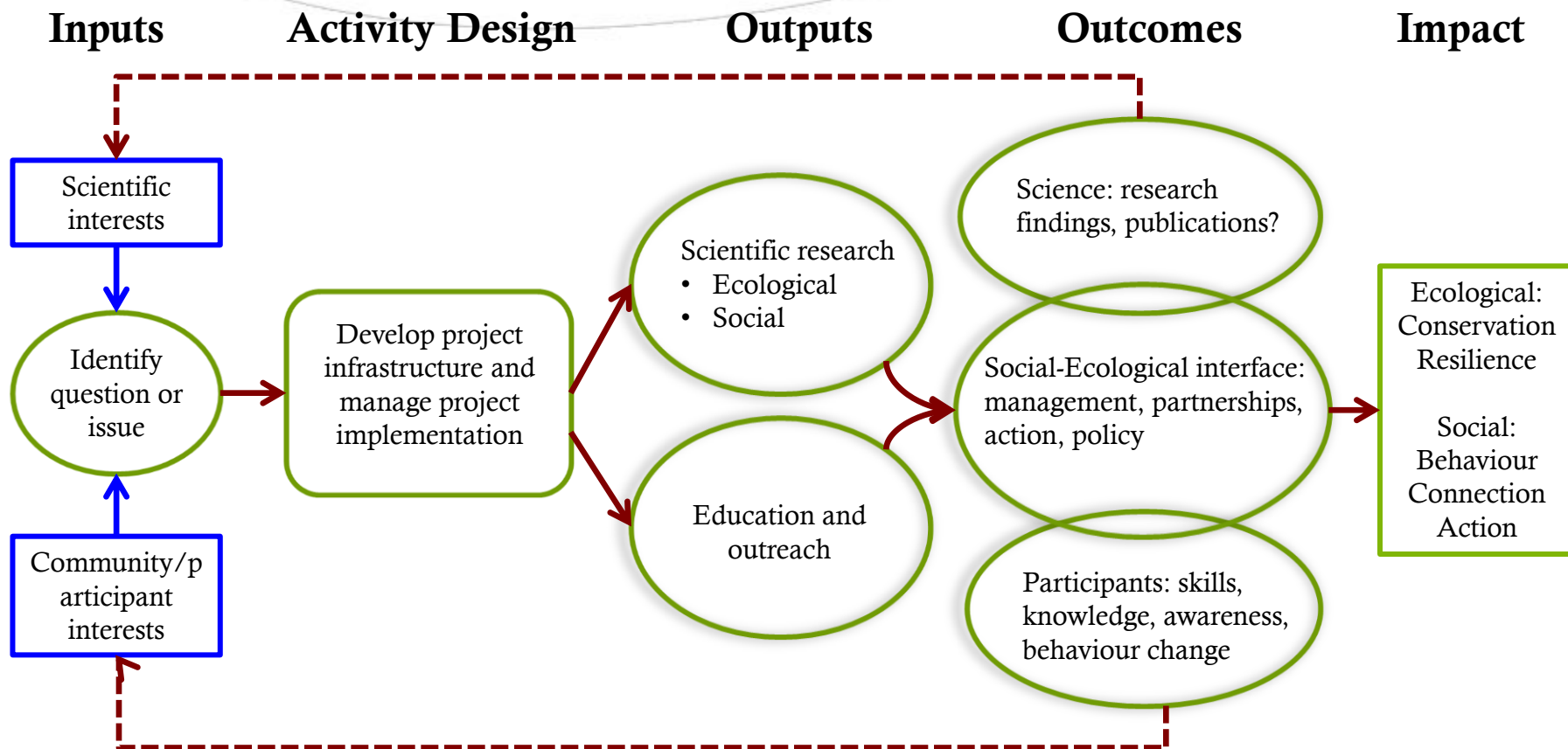
Collaborative

Project designed by scientists and assisted by participants



PPSR Framework

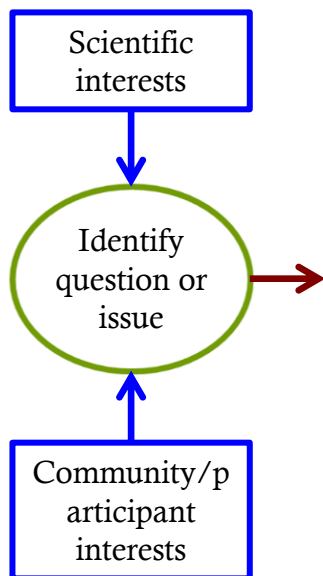
Public Participation in Scientific Research





Example: Penguin Project Sydney Chapter, Australia

Inputs



Little Penguin (*Eudyptula minor*)

- smallest of all penguins
- declining colony on Lion Island
- breeding habitat becoming over-run by invasive weeds

Sydney-SCB: Monitoring and habitat restoration

Community: ??? Surveys, identify aware/keen participants

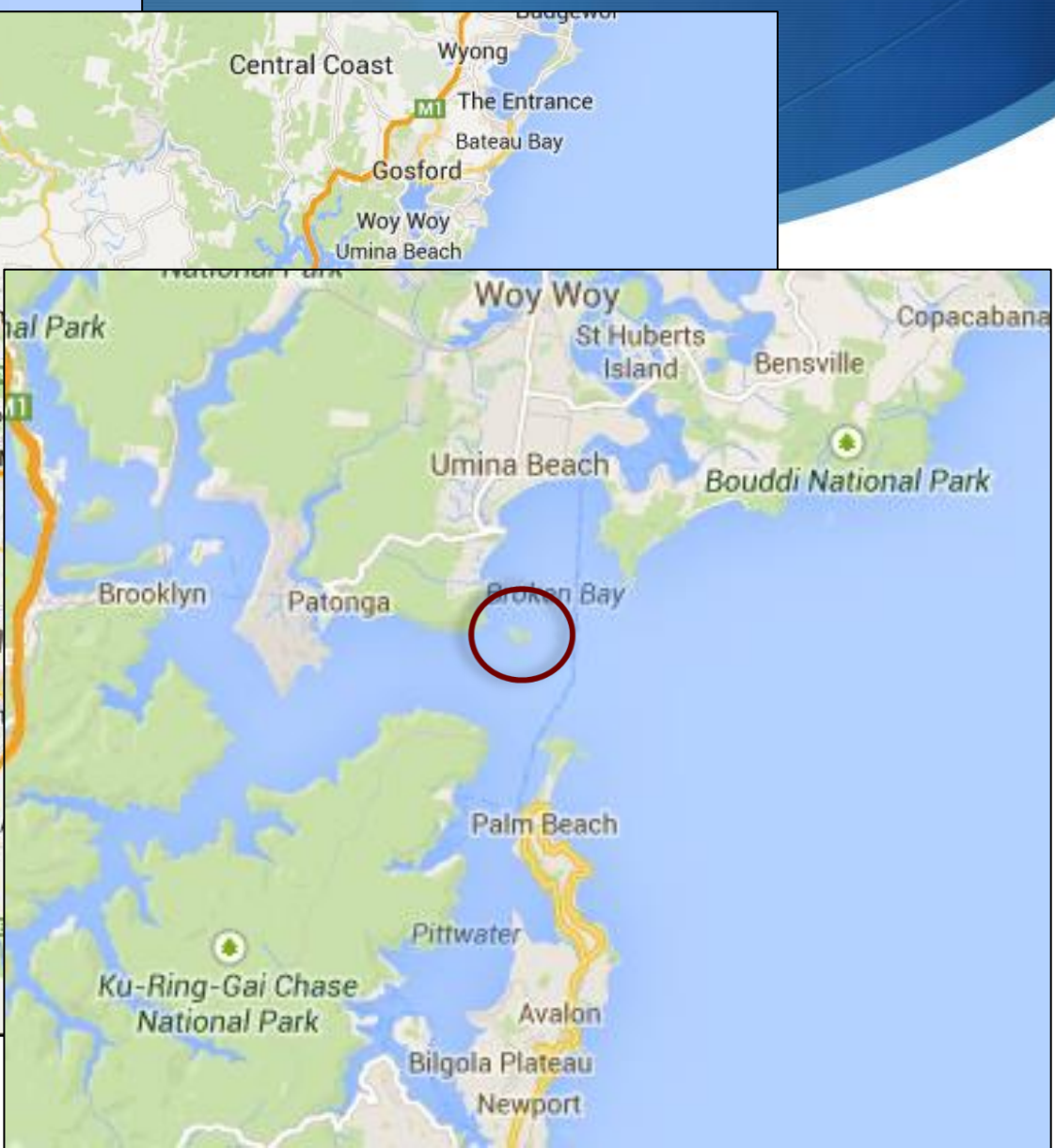
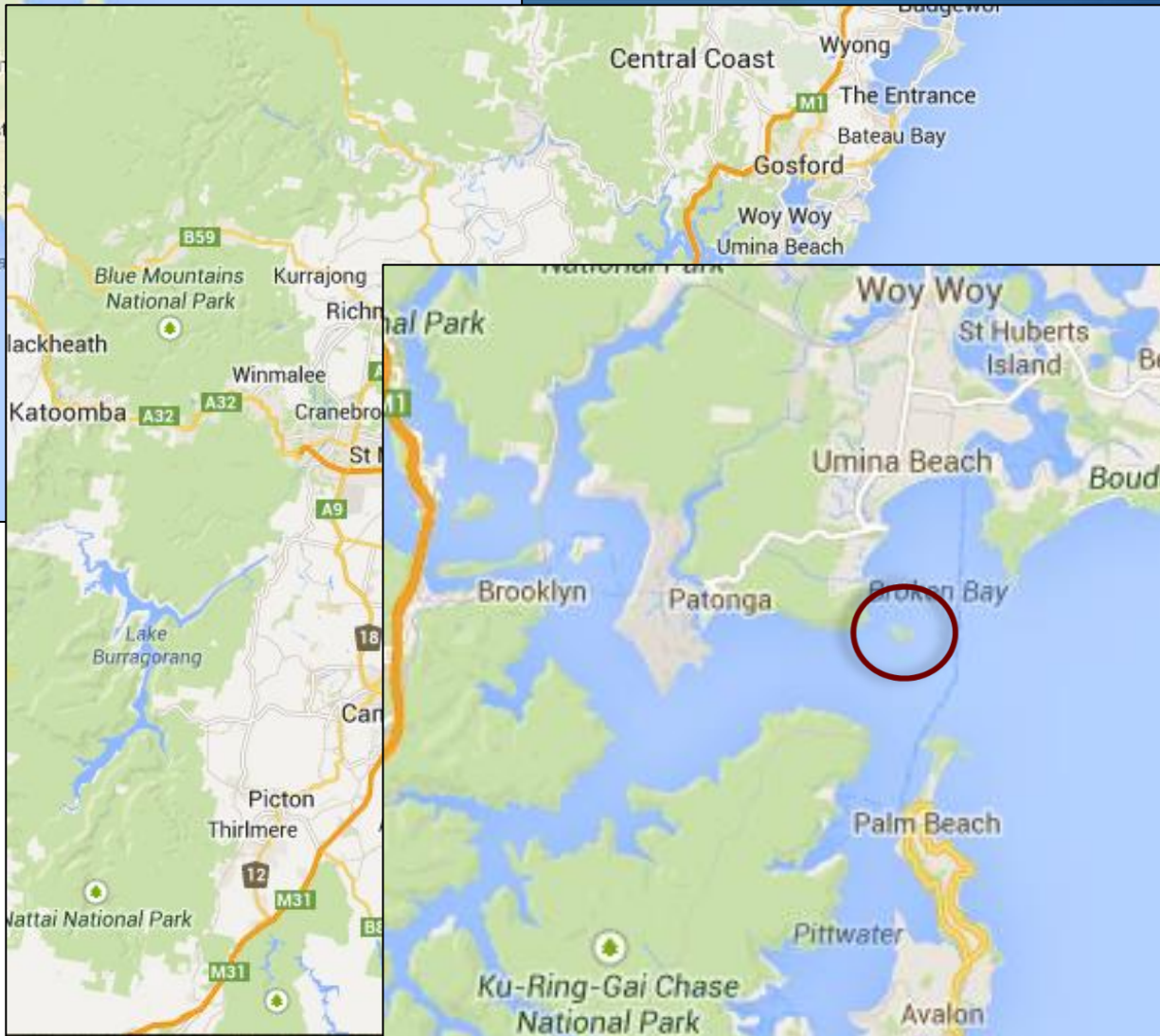
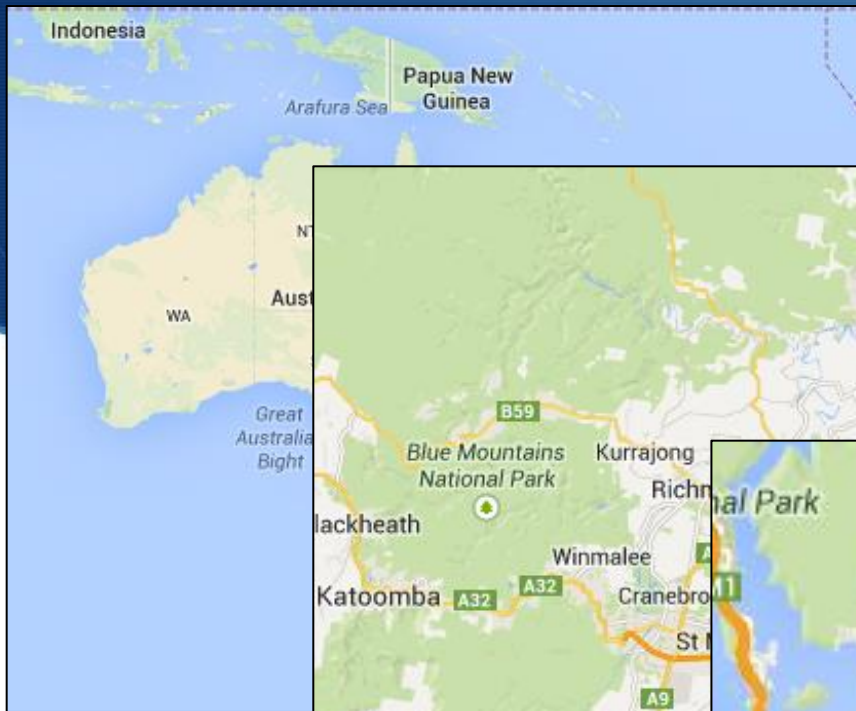
***ensure there is engagement and commitment!**



Lantana spp



Little Penguin

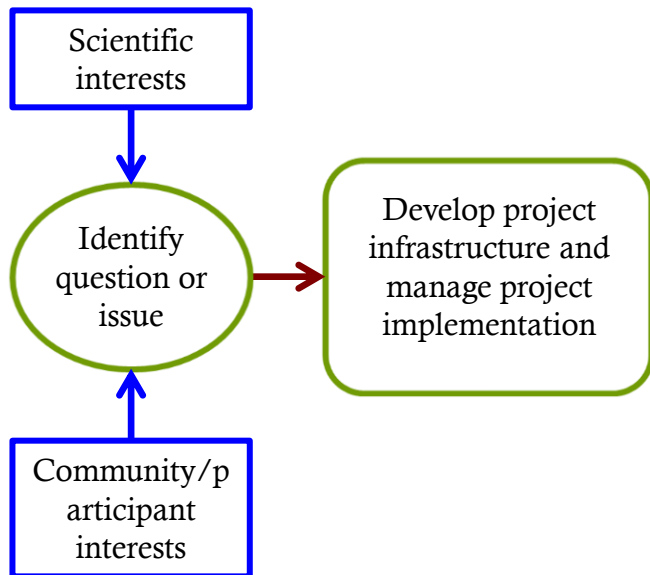




Penguin Project Working Group

Inputs

Activity Design



Working Group:

- Finalise plans
- Create and manage working document
- Manage database – feed into national network
- Nest box workshops (BL)
- Monitoring schedule
- Weeding schedule

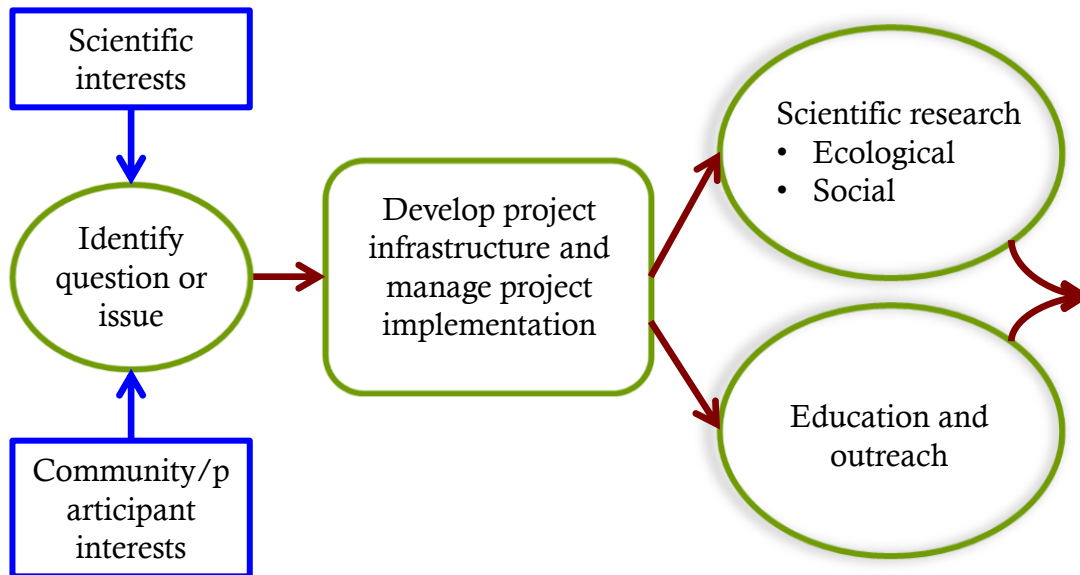




Inputs

Activity Design

Outputs



Scientific:

- Population census
- Breeding success
- Habitat restoration

Education and outreach:

- Engagement-communication, participation
- Involve schools?



Science:

- increased nesting success
- stable population



Social-ecological Interface:

- management & policy feeds into national penguin network
- ongoing partnerships with organisations/groups

Participants:

- increased awareness
- measurable increases in skills, knowledge, ...
- ongoing action by participants beyond project

Outcomes

Science: research findings, publications?

Social-Ecological interface: management, partnerships, action, policy

Participants: skills, knowledge, awareness, behaviour change

Impact

Ecological:
Conservation
Resilience

Social:
Behaviour
Connection
Action



The role of SCB Chapters

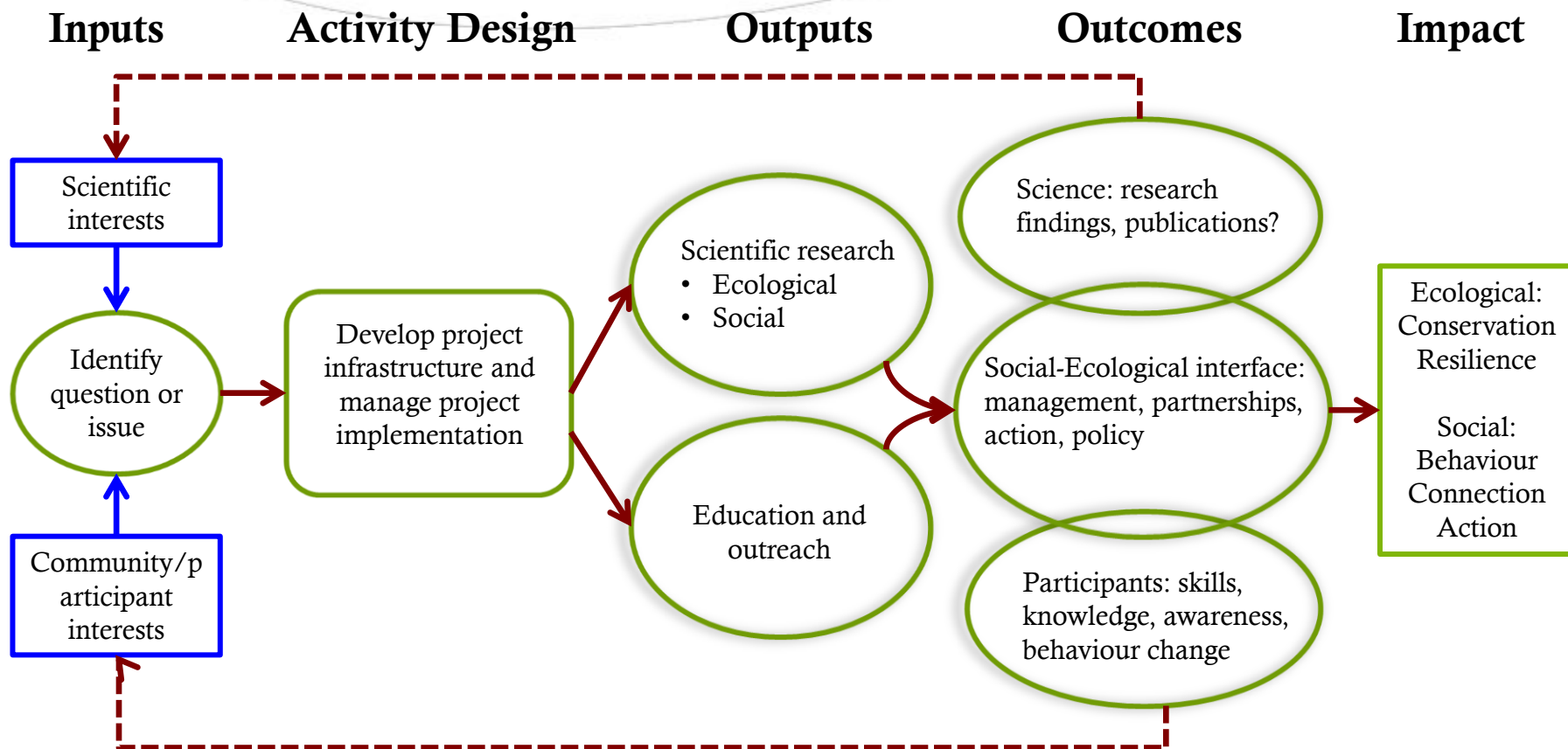
- ◆ Facilitate, lead...
- ◆ Difficult to find funding, support, etc
- ◆ Adaptive framework ---> idealistic?
- ◆ Chapters are in a unique position
- ◆ Offer this to existing community projects, or drive our own

To have an impact, PPSR should aim for one or more outcomes:

1. outcomes for research
2. outcomes for individual participants
3. outcomes for social-ecological systems



Feedback loops...adaptive!



Shameless plug!

JOIN US! sydneyscb.org or on [Facebook](#)

- Get your re-usable Karma Cup!
\$10 AUD/NZD or **\$17 FJD**



- Do you have an excellent project or idea you'd like to work with us?
Please come chat with us!



Monica



Sandra



David



Simone



Oliver