

WAMSI Conference 2011

Knowledge transfer and uptake: improving
management of Ningaloo Marine Park

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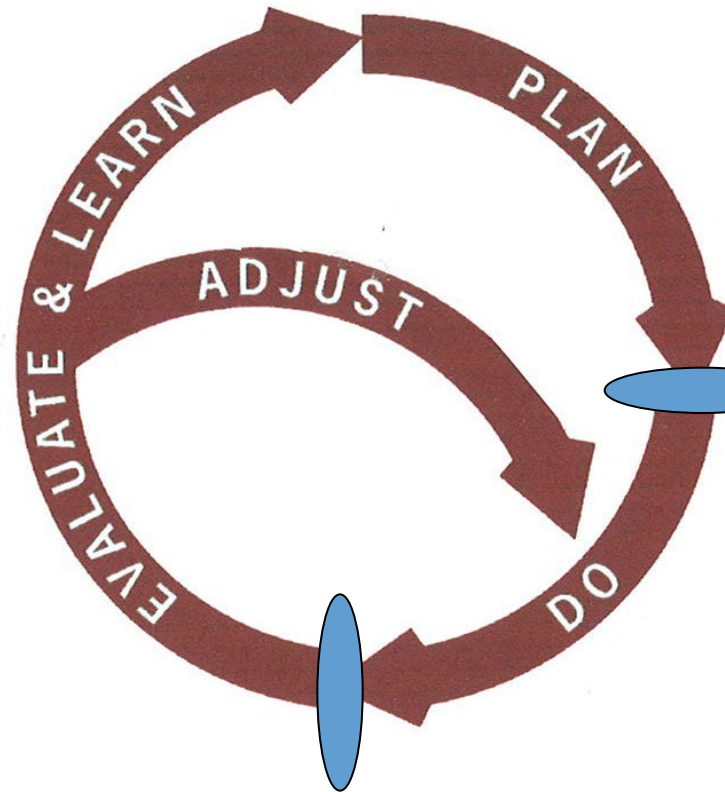
Knowledge transfer and uptake

WHAT?

- Movement of information between scientists and managers
- Influences management decisions and practices (policy, planning, operational)
- Relies on shared understanding, interpretation of science and understanding of applications

Better science means better decisions

The adaptive management cycle



Research not related to management questions

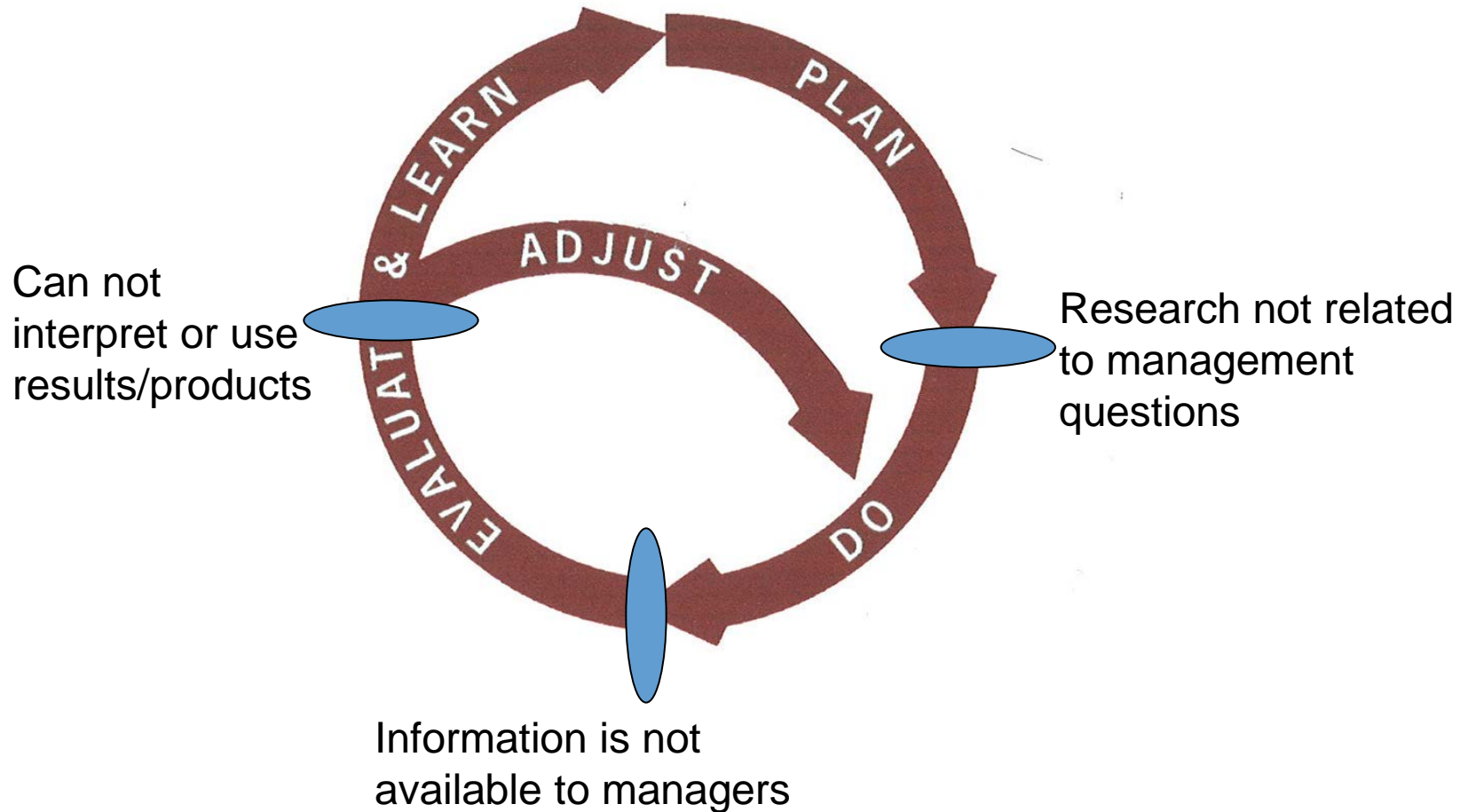
Information is not available to managers

Seven generic management strategies

- Management frameworks** (legislation, policies, CTO licensing)
- Education** (brochures, posters, visitor centres)
- Patrol and Enforcement** (on-the-ground, warnings, penalties)
- Management intervention** (moorings, dive trails)
- Public participation** (“friends of” groups, community monitoring)
- Research** (baseline, process)
- Monitoring** (trends)



The adaptive management cycle



Knowledge transfer and uptake

HOW?

1. Develop science plan and projects based on management needs
2. Focus research on agreed management questions
3. Create information matrix with project information and management questions
4. Discuss with scientists and end-users and expand to management implications and useful formats for products

Communication - Data Management - Intermediary

Knowledge transfer and uptake

Research completed

4. Develop synthesis report that interprets key findings and provides recommendations, research summaries and information sources
5. Finalize matrix with research outcomes, recommendations, applications and searchable fields
6. Disseminate report and matrix and provide ongoing support to implement recommendations and other management actions

Communication - Data Management - Intermediary

Key elements

- **Communication**
 - Symposia, publications, direct discussion
- **Data Management**
 - Storage, custodianship, accessibility
- **Intermediary – Science/Management**
 - Science coordinator - MSP

Summary

- Better science will be used to make better decisions for Ningaloo Marine Park, over the long term
- An intermediary to drive and foster knowledge transfer is critical to the process and the uptake
- This successful framework will be used in WAMSI II

THANK YOU



Photo: Lynnath Beckley