

CALMScience Division

Regional and District Managers Meeting 15 November 2000

**Dr Margaret Byrne
Acting Director**

Vision

For CALMScience to be recognised as a world leader in the provision of high quality science and technology to underpin conservation and the sustainable utilization of natural resources in Western Australia

Mission

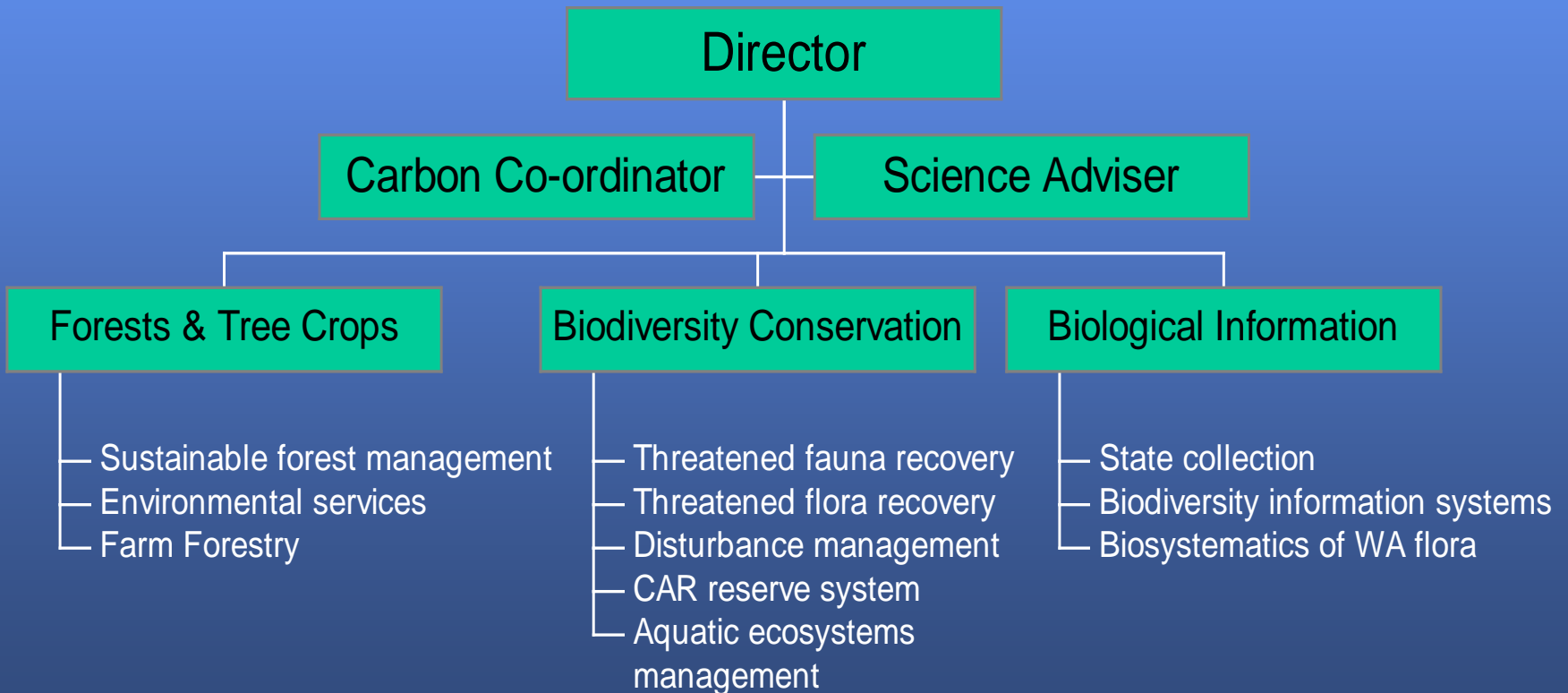
CALMScience Division will provide up-to-date and scientifically sound information to uphold effective conservation and land management in Western Australia

Objectives

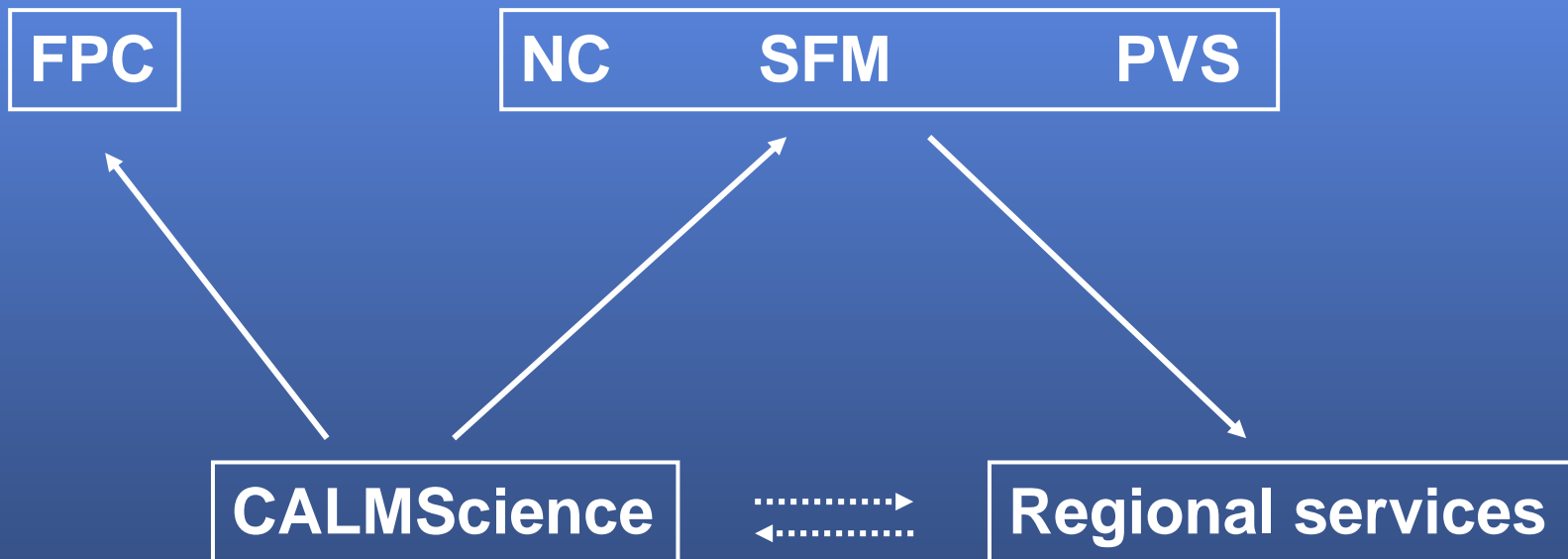
- **provide a scientifically objective and independent source of reliable knowledge and understanding**
- **be responsive to needs of policy makers and output purchasers**
- **advise on sustainable resource development opportunities**
- **communicate knowledge, information and insight to managers**
- **attain worldwide reputation for excellence in science**
- **contribute to meeting the need of the public for knowledge of conservation and land management**

CALMScience structure

DRAFT



Purchaser - Provider Model



Customer-Supplier Connections

communication - both ways

Supplier

- know what your needs are
- transfer our information to you
- provide solutions

Customer

- utilise your knowledge
- understand the issues

Communications

direct staff contact

managers contact

workshops / field days

publications leaflet

CALMScience COMMUNICATIONS

January - October 2000

CALMScience Mission: Provide up-to-date and scientifically sound information to uphold effective conservation and land management in W.A.

CALMScience Communications lists titles of publications, reports etc prepared by CALMScience staff. This issue is for the period January to October 2000 but future issues will be quarterly. If you require a copy of any listings please contact the authors or Christine Farrell at Science House, Kensington or Lisa Wright at Woodvale

Neil Burrows

Director

CALMScience Division

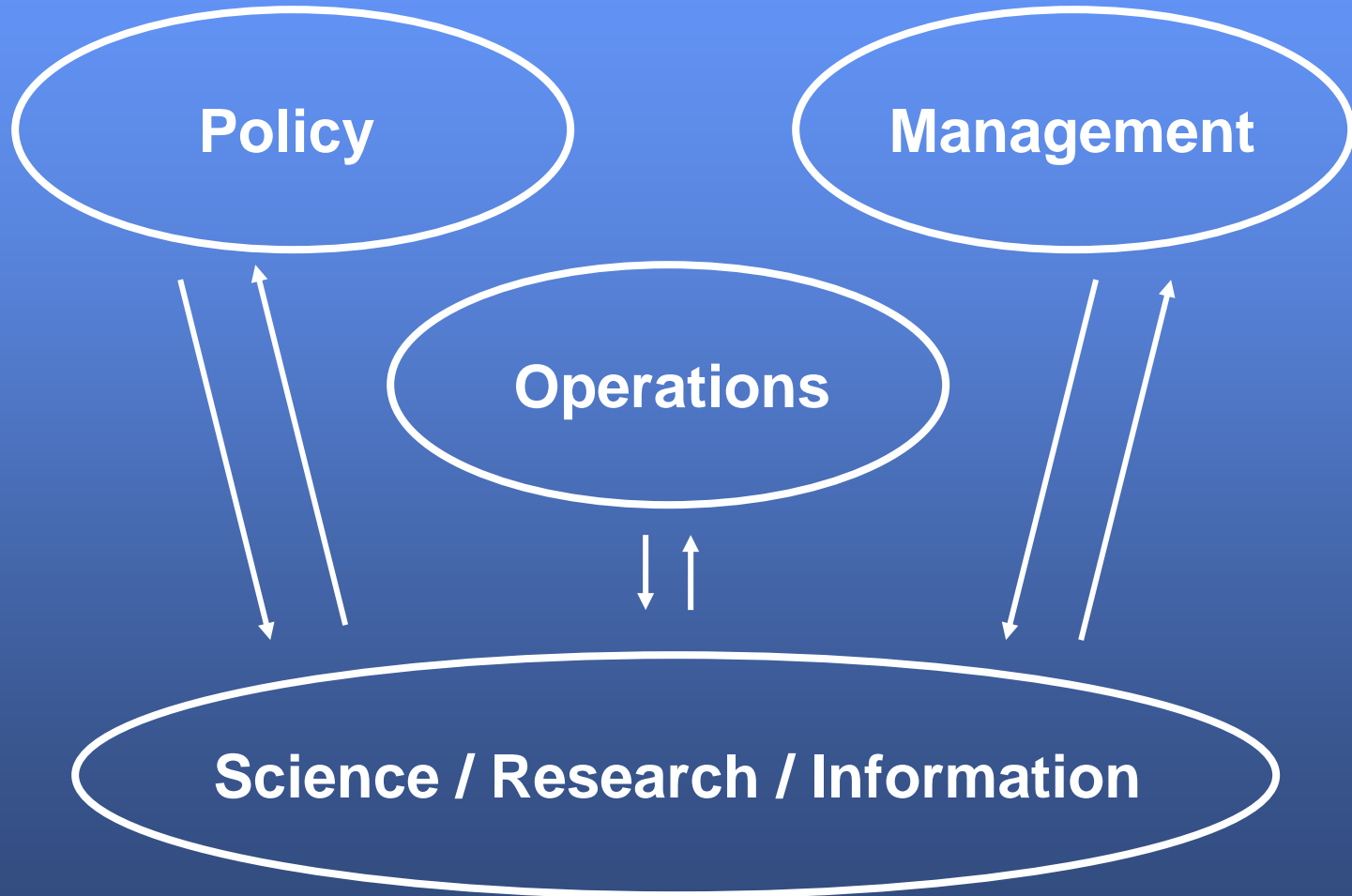
Journal Publications

Abbott, I. (2000). Impact of agricultural development and changed fire regimes on species composition of the avifauna in the Denmark region of south-west Western Australia, 1889-1999. CALMScience 3. pp. 279-308.

Abbott, I. (2000). Improving the conservation of threatened and rare mammal species through translocation to islands: case study Western Australia. Biological Conservation 93. pp. 195-201.

Abbott, I., Marchant, N. and Cranfield, R. (2000). Long-term change in the floristic composition and vegetation structure of Carnac Island, Western Australia. Journal of Biogeography 27. pp. 333-346.

Value of science



Strengths

- corporate history
- corporate knowledge
- corporate databases
- focus on CALM's core business
- critical mass
- attract external funds
- results become outcomes
- skilled, experienced people
- range of disciplines
- work along side other CALM staff
- centres throughout WA
- accessible information
- practical solutions



Threatened Flora Seed Centre

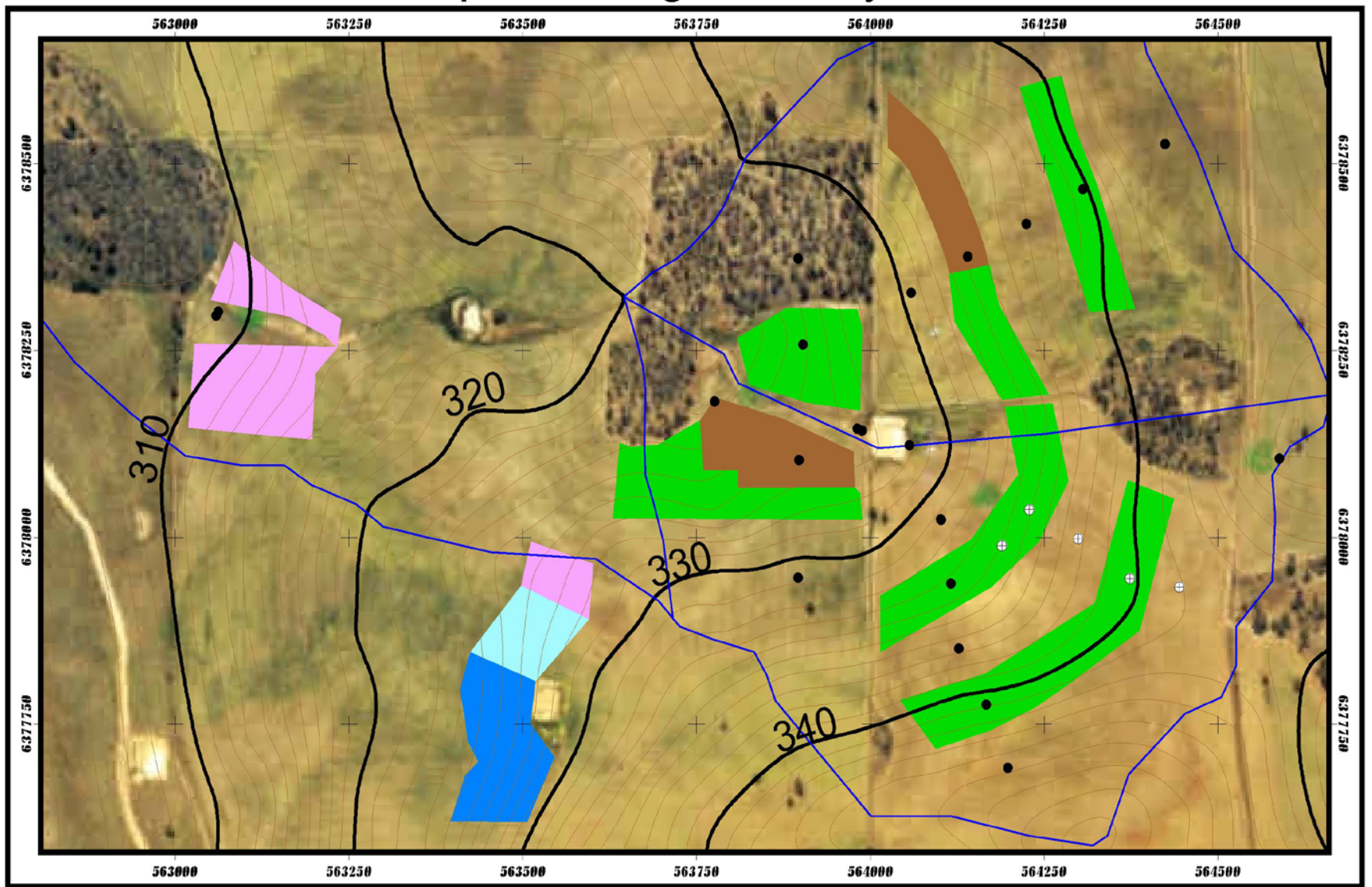


Lambertia orbifolia
translocation





Wickepin Site Agroforestry Trial



- Piezometers
- ⊕ Neutron Moisture Meter Access Tubes
- Multispecies 1
- Multispecies 2
- Bluegum Phase Farming Trial
- Bluegum Genetic Trial
- Pines Trial
- ∩ Catchment Boundaries

100 0 100 200 300 400 500 Meters







WABiota

A joint project of [CALMScience Division](#)
and [Information Management Branch](#).
Project Manager & Developer: [Paul Gioia](#).

WABiota is a new web-based application designed to allow CALM staff to answer the most common questions we have of our biological and cadastral data.

This is a **trial** system designed to demonstrate the value of the web and, most importantly, the power and utility of the underlying [Spatial Database Engine](#) to CALM in assisting managers and staff to work more effectively and efficiently in their day to day business. [Feedback](#) is greatly appreciated.

Minimum Requirements: Netscape (V3 or better) or Internet Explorer (V4 or better) with JavaScript enabled.

Enter

THE WESTERN AUSTRALIAN

FLORA

General Facts and Use of the Country



A DESCRIPTIVE CATALOGUE

CALMScience

working with you