

Environment Protection Authority South Australia

State of the Environment Report 2023, land use and planning

Date: 31st March 2023

For: Northern & Yorke Regional Forum

Name: Andrew Solomon

Position: Aboriginal Engagement & Science Officer
State of the Environment Report 2023

www.epa.sa.gov.au





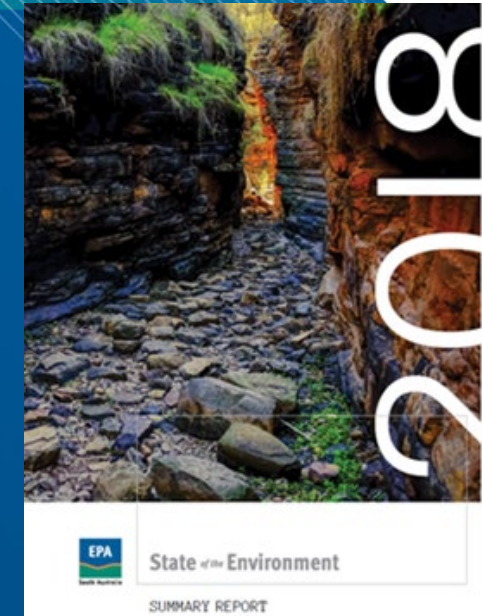
Acknowledgement of Country

We acknowledge the Traditional Owners of the land on which we meet today and pay our respects to their Elders past and present and extend that respect to other Aboriginal and Torres Strait Islander peoples who are present here today.

Artwork: 'Caring for Country', courtesy of Arrente man Scott Rathman

What and why?

- 5-yearly report on the state/condition of the environment
- Also provides recommendations to Government
- Is required by the *Environment Protection Act 1993*
- Whole of government approach coordinated by the EPA
- The Report and a State Government response must be tabled in both Houses of Parliament



SOER 2023 – Project Governance



Approve & publish
SOER 2023

EPA Board

Direct project
Advise on content
Approve draft report

SOER Project Board
EPA Board, DEW, LSA, First Nations, Conservation, Academic, Industry

Assurance Group
Aboriginal, Conservation, Industry & Government representatives

Deliver report and content
Deliver Project Plan

SOER Project Team
EPA, DEW, LSA

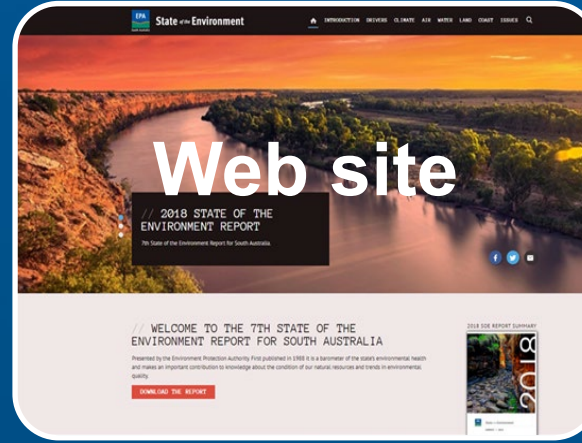
EPA Executive
Resources and management

PROJECT ASSURANCE GROUP



GOVERNMENT	Landscape SA	Legatus
Environment Protection Authority	South Australian Tourism Commission	Alexandrina Council
Department for Environment and Water	Department of the Premier and Cabinet	ACADEMIC
Green Industries South Australia	CONSERVATION	CRC Solving Antimicrobial Resistance in Agribusiness, Food and Environments
Primary Industries and Regions South Australia	Conservation Council SA	Healthy Environment and Lives Network – University of SA
Department for Energy and Mining	Nature Conservation Society of South Australia	Environment Institute / University of Adelaide
SA Health	SA Nature Alliance	INDUSTRY
Health and Wellbeing	Landcare Association of South Australia	The Australian Mining Industry (SA)
SA Water	Australian Land Conservation Alliance	Primary Producers SA
Infrastructure SA	LOCAL GOVERNMENT	Livestock SA
Department for Industry, Innovation and Science	Local Government Association of South Australia	

SOER 2023 – building on 2018



Why it's important

Key issues and recommendations

Themes:

Air
Land
Sea
Water
Urban
Climate
River Murray

State of the environment metrics & Independent Expert Papers

Pressures, State, Responses

DEW Trend and Condition Report Cards (mid 2023)

Aboriginal perspectives

Stakeholder case studies & Community input

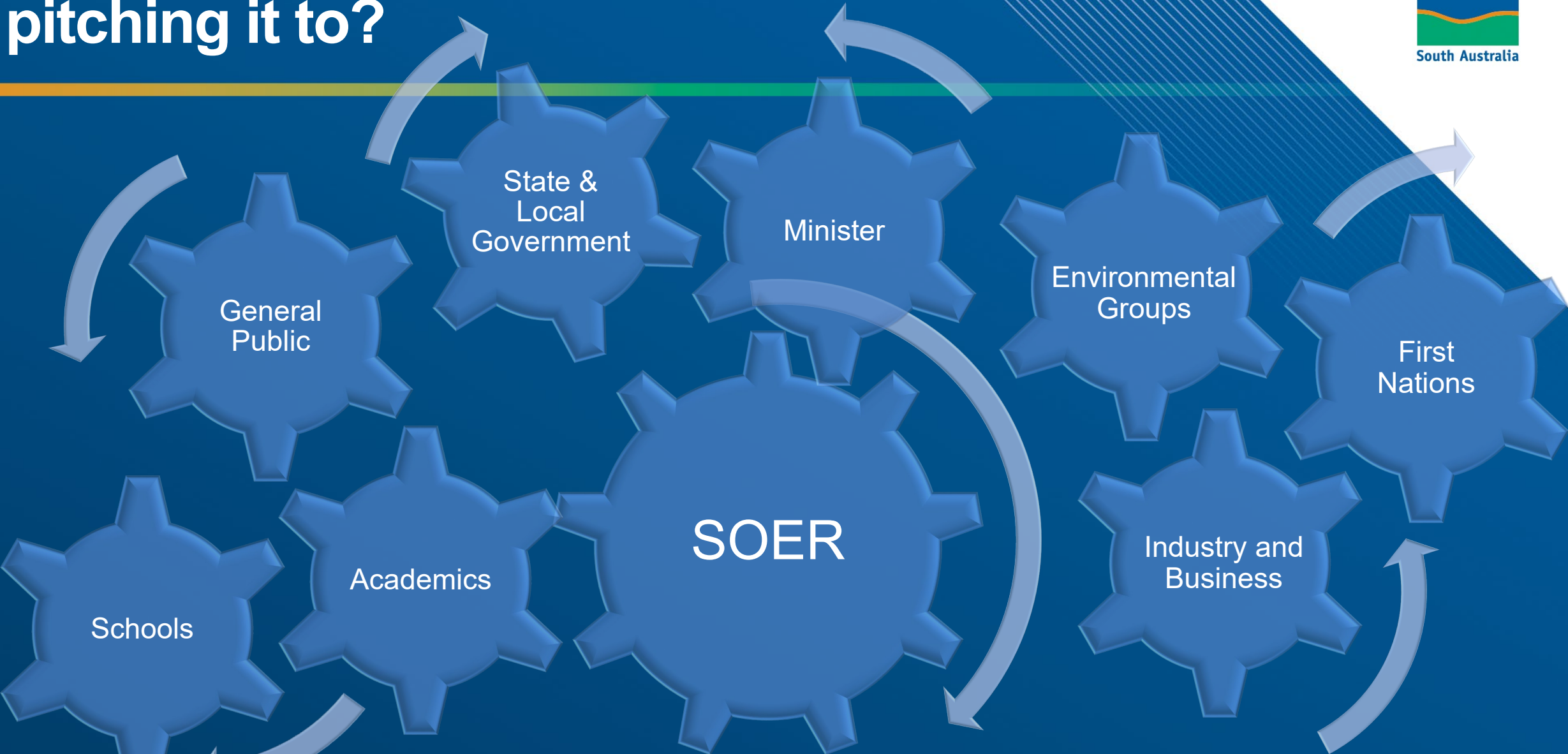
Data sources



- State & Commonwealth government agencies
- Landscape Boards
- Local Government / LGA / RDA
- Conservation organisations
- Academics/researchers
- Aboriginal knowledge
- Expert analyses
- Industry members & peak bodies
- Citizen Science/general public



Who are we pitching it to?



What do we want it to achieve?

PROTECT AND RESTORE THE ENVIRONMENT

Increase
people's
awareness

Include
Aboriginal
perspectives

Promote
environmental
projects

Identify gaps
where we need
to do more

Help with
planning and
setting priorities

Assist groups to
work together

Influence
government,
industry and
communities

Get more
resources to
look after the
environment

Regional Engagement

Representation from LSA, Parks, PIRSA, Councils, Industry, NGOs

Purpose

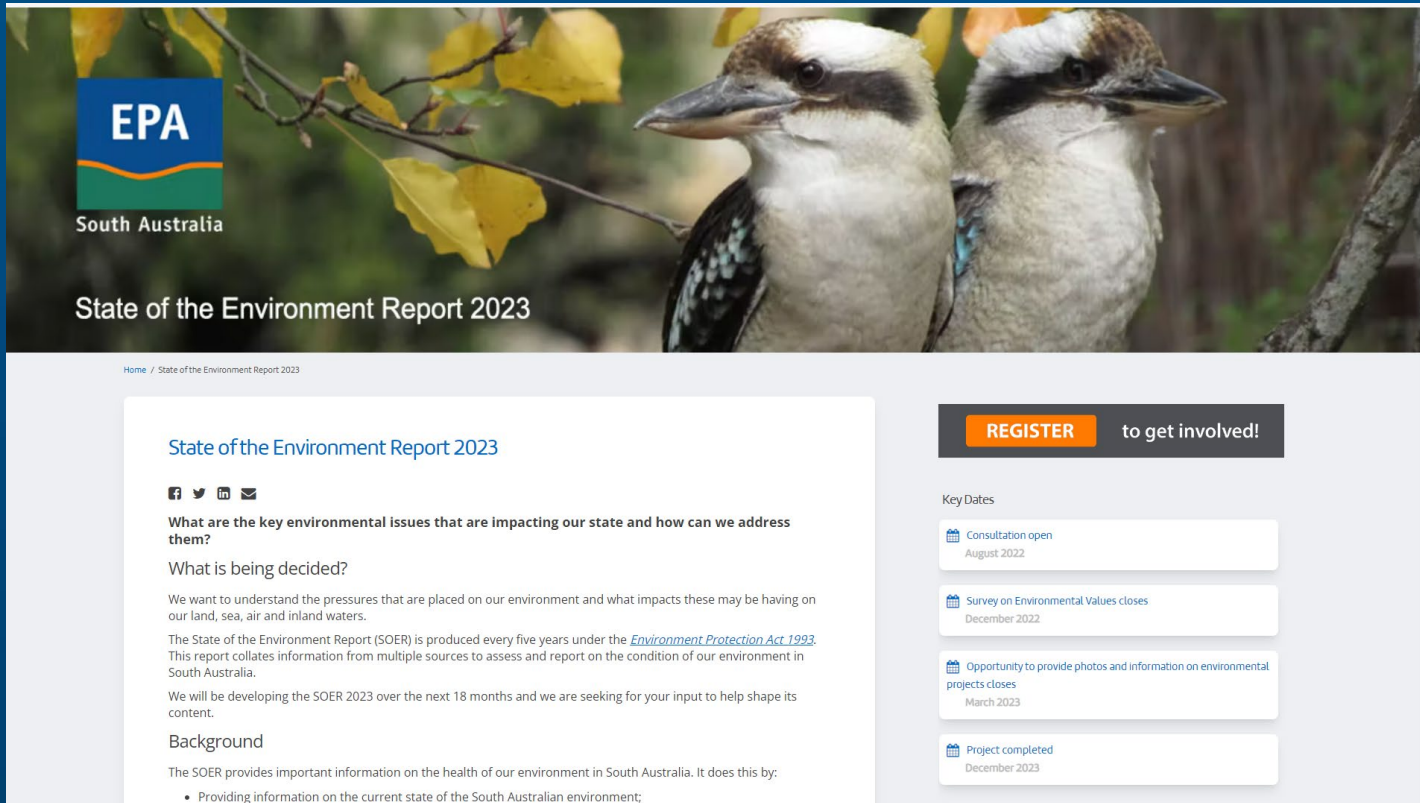
- Provide an overview of the SOE
- Discuss with stakeholders, pressures, responses and what the SoE should deliver

Key messages:

- Support for regional concept
- Challenges and differences between regional areas and Adelaide are considered
- Recommendations need to be strengthened
- SoE needs to report progress against 2018 recommendations
- Reflect ecosystem services in the report



Have YourSay – <https://yoursay.sa.gov.au/soer>



The screenshot shows the EPA South Australia website for the State of the Environment Report 2023. It features a header with the EPA logo and a background image of two birds. The main content area includes a 'REGISTER to get involved!' button, a 'Key Dates' section with a calendar icon, and a 'Background' section with a list of bullet points.

Home / State of the Environment Report 2023

State of the Environment Report 2023

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What are the key environmental issues that are impacting our state and how can we address them?

What is being decided?

We want to understand the pressures that are placed on our environment and what impacts these may be having on our land, sea, air and inland waters.

The State of the Environment Report (SOER) is produced every five years under the [Environment Protection Act 1993](#). This report collates information from multiple sources to assess and report on the condition of our environment in South Australia.

We will be developing the SOER 2023 over the next 18 months and we are seeking for your input to help shape its content.

Background

The SOER provides important information on the health of our environment in South Australia. It does this by:

- Providing information on the current state of the South Australian environment;

REGISTER to get involved!

Key Dates

- Calendar icon: Consultation open August 2022
- Calendar icon: Survey on Environmental Values closes December 2022
- Calendar icon: Opportunity to provide photos and information on environmental projects closes March 2023
- Calendar icon: Project completed December 2023

Values and Issues

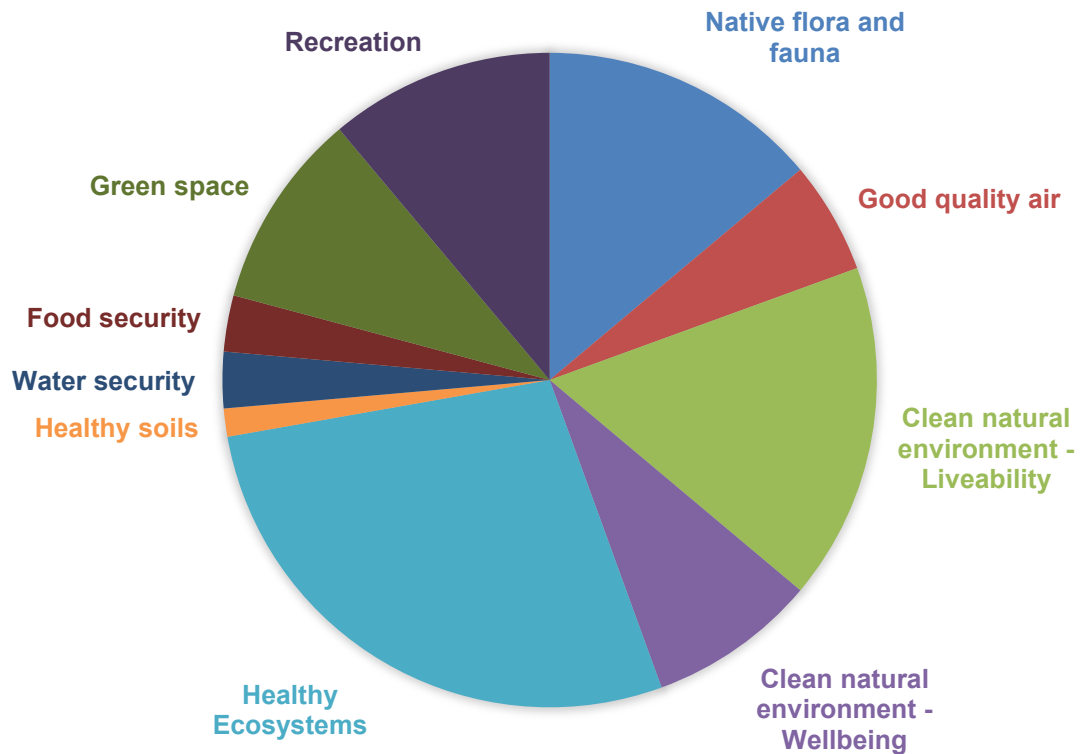
Responses

Outcomes

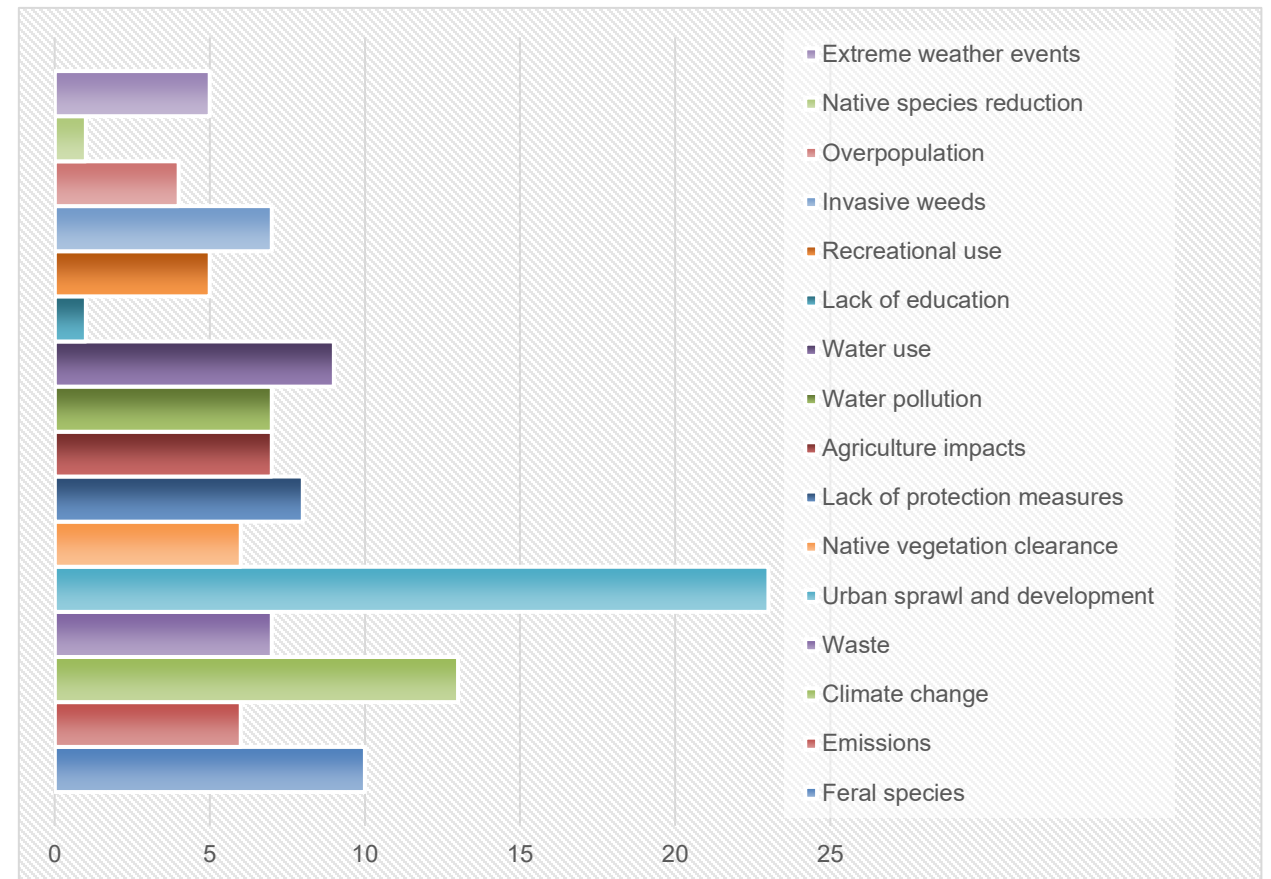
Photos

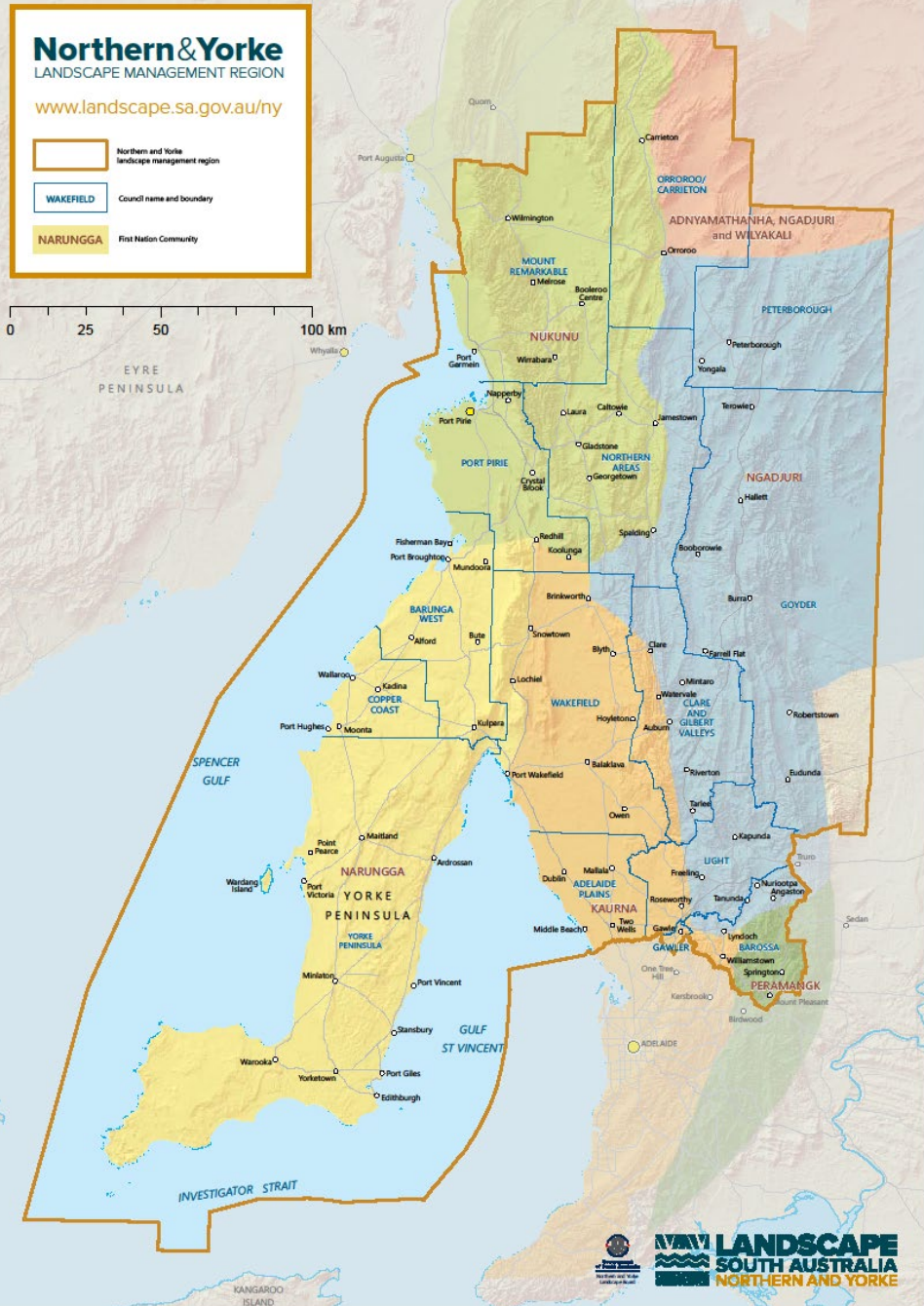
Have YourSay – Values and Issues

WHAT PEOPLE APPRECIATE ABOUT THE ENVIRONMENT



KEY ISSUES





Land uses in N&Y



PRIMARY	SECONDARY	TERTIARY
Farming (crop, pasture, fodder & livestock agriculture)	Transport (road, rail, ports, pipelines)	Conservation
Viticulture	Product storage & processing	Indigenous Protected Area
Horticulture	Circular economy, landfill, waste water management	Recreation (land)
Pastoralism		Recreational fisheries
Intensive animal industries		Tourism
Aquaculture & commercial fisheries		Education
Equine industries	Minerals & extractives processing	Commercial, retail and service industries
Mining and quarrying		Urban and rural residential homes
Power generation and storage		Power grid/interconnector

Pressure / State / Response model

Land Use	ENVIRONMENTAL PRESSURES (Pressures <u>on</u> the land use or <u>caused by it</u>)	STATE (Condition)	RESPONSES (Current)	RESPONSES (Future opportunities)
Farming	Weeds, pests, extreme events, climate. Ag chem in runoff/drift, nutrients/sediment in runoff, continuing biodiversity loss	Good (Ag.) Poor (biodiversity)	Operational management practices, industry bodies, research, advisors, grower support groups, Landscape Boards, biosecurity arrangements	Chemical-free options, e.g. weed-seed collectors on harvesters
Viticulture	Weeds, pests, diseases, fungi, frost, climate variability, extreme events	Good		Rootstock/variatal changes, biological control agents
Horticulture	Weeds, insect pests, fungus, disease, extreme events, urban sprawl	Good-fair	Operational management practices, alternative technology (e.g. hydroponics)	Biological & integrated pest control, improved soil management
Pastoralism	Feral animals, over-abundant native species, weeds, extreme events, climate change	Good-fair	Operational management of total grazing pressure, enterprise diversification	Resolve status of goats Land cover monitoring innovation
Development	Environmental characteristics affect site selection/design Development type/location/design affects potential environmental impact	NA	Development planning Development assessment Post-development regulation	Early assessment of social licence Go/no-go zone mapping/policy Resourcing of development compliance work

Thank you

**Environment Protection Authority
South Australia**

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