



Department of Planning and Environment

NSW estuaries webpages: a community reporting tool

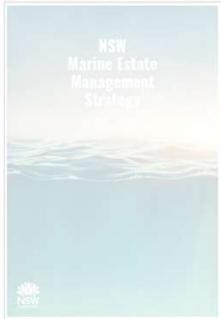
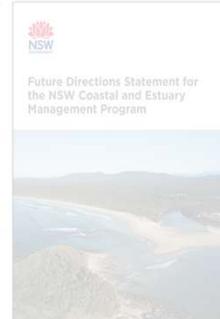
Aaron Wright | Senior Scientist | Estuaries & Catchments | <https://www.environment.nsw.gov.au/topics/water/estuaries>



environment.nsw.gov.au

1



 <p>Assessing estuary ecosystem health: Sampling, data analysis and reporting protocols</p> <p>NSW Natural Resources Monitoring, Evaluation and Reporting Program</p>	 <p>NSW Marine Estate Management Strategy</p>	 <p>NSW estuaries webpages</p> <p>Have your say</p>	 <p>Future Directions Statement for the NSW Coastal and Estuary Management Program</p>
<p>MER protocol</p> <ul style="list-style-type: none"> • 10+ years focus on monitoring and evaluation • No emphasis on <u>reporting</u> 	<p>MEMS</p> <ul style="list-style-type: none"> • Stable resourcing • Engagement and knowledge sharing 	<p>Social survey</p> <ul style="list-style-type: none"> • Identified user needs • Set requirements for content 	<p>FDS</p> <ul style="list-style-type: none"> • Priority 4: <i>providing science and information</i> • 'Health of estuaries' report

2

2

NSW GOVERNMENT

Assessing estuary ecosystem health: Sampling, data analysis and reporting protocols
NSW Natural Resources Monitoring, Evaluation and Reporting Program

NSW Marine Estate Management Strategy 2018-2028

NSW estuaries webpages User survey
Have your say
The Department of Planning and Environment is currently updating the estuaries webpages on the NSW environment website, and we want to know what information you need the 5y review. The pages are available here: <https://www.environment.nsw.gov.au/estuaries/estuaries>

Future Directions Statement for the NSW Coastal and Estuary Management Program

MER protocol

- 10+ years focus on monitoring and evaluation
- No emphasis on reporting

MEMS

- Stable resourcing
- Engagement and knowledge sharing

Social survey

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- Priority 4: *providing science and information*
- 'Health of estuaries' report

3

3

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4

4

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5

5

Estuaries
Estuaries are semi-enclosed waterbodies where freshwater from rivers mixes with the sea.

Topics > Water > Estuaries

About estuaries
Estuaries form a place of transition from freshwater environments on the land to the marine environment of the sea.

Biodiversity in estuaries
Estuaries are often referred to as the nurseries of the sea. They contain a diversity of plants and provide shelter, nutrient-rich food and nesting sites for juvenile and adult animals.

Protection and management of estuaries
Appropriate management of estuaries is essential to protect and maintain their unique biodiversity and fragile function.

Monitoring and reporting on estuaries
We monitor and report on the health of NSW estuaries to assess the condition of estuarine ecosystems, understand where more research is needed, and inform management decisions.

Health of our estuaries
The estuaries of NSW are some of our greatest natural assets. We monitor the ecosystem health of 164 estuaries and swimming health of 24 estuaries.

Estuaries research
Our scientists collaborate with many partners on projects that help us better understand and manage our estuaries.

Coastal and estuary grants
The NSW Government provides technical and financial support to local government to manage risks from coastal hazards.

Publications
Search our list of publications about estuarine environments, including estuary research, monitoring and reporting.

6

6

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Water > Topics > Water > Estuaries

- Beaches
- Coasts
- Estuaries**
 - About estuaries
 - Biodiversity in estuaries
 - Protection and management
 - Monitoring and reporting
 - Health of our estuaries
 - Research
 - Coastal and estuary grants
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- Floodplains
- Wetlands
- Water for the environment
- Water quality

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General content

7

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Report cards

8

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9

General content

About estuaries

- Types & characteristics
- Importance
- Threats

Publications

- Reports
- Protocols
- Management advice

Biodiversity

- Flora
- Fauna
- Invertebrates

C & E grants

- Grant information
- Grants awarded
- ^other area of DPE

Protection & management

- Entrance management info
- Management programs
- DPEs role

10

10

5



Report cards



Monitoring & reporting

- Monitoring info & updates
- Report card info
- Indicator info



Estuaries research

- WQ audits with LG
- Major research programs
- Opportunities

Tallow Creek

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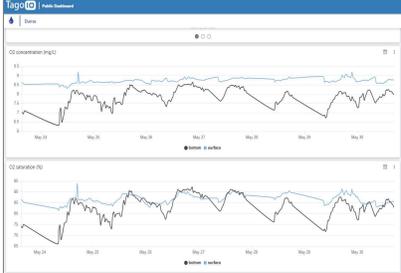
Algae



Water clarity



Very poor Poor Fair Good Excellent



11

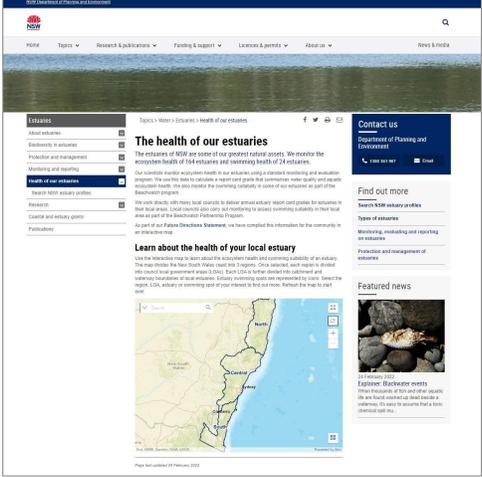
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Health of estuaries interactive map

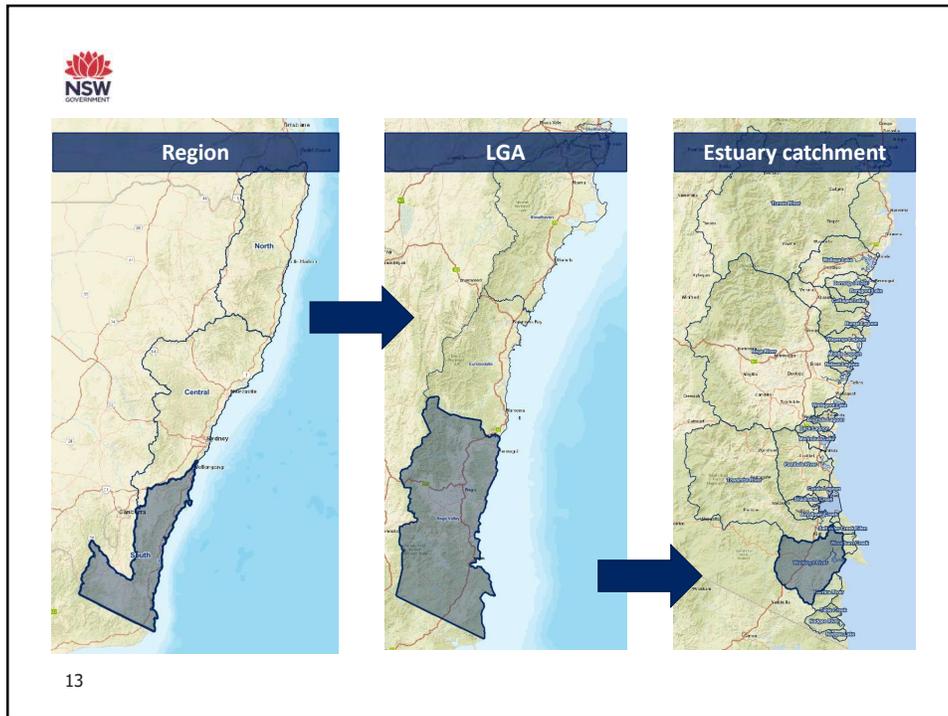
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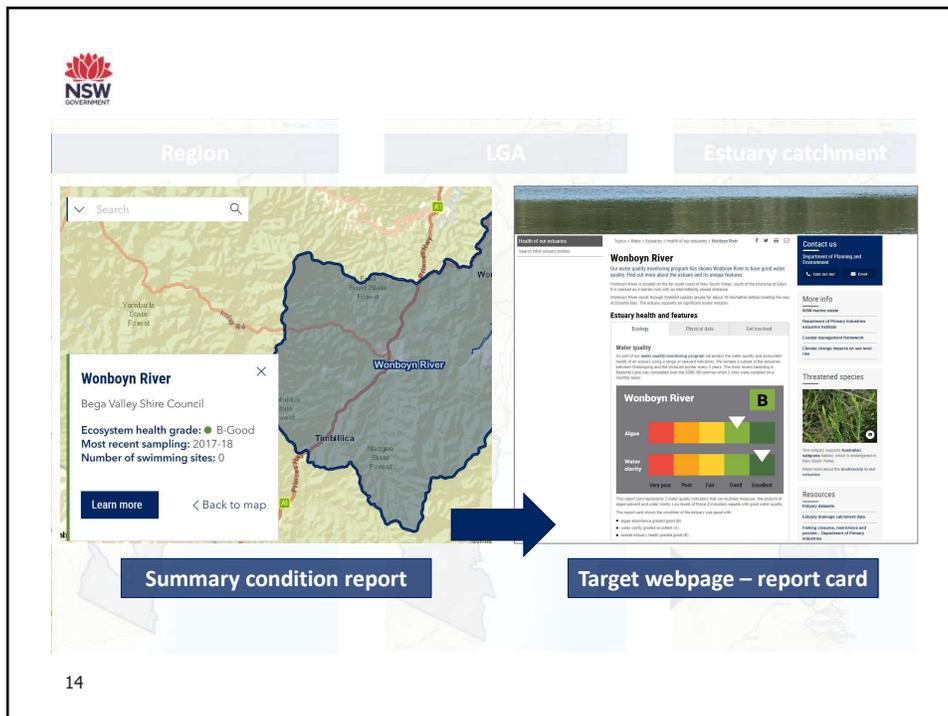
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12



13

13



14

14



Planned updates

- Health of estuaries refresh October
- Ongoing engagement
- Major MEMS deliverables
- Program / project updates
- Regular updates
 - News
 - Research
- Links to social media

15



 **NSW**
GOVERNMENT

Acknowledgements

- **Estuaries & Catchments**
 - Emily Rayner, Peter Scanes, Jaimie Potts, Colin Johnson, Angus Ferguson, Megan Powell, Mick Orr
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www.marine.nsw.gov.au
www.environment.nsw.gov.au

16