




MARINE ESTATE MANAGEMENT AUTHORITY

Working together to manage our marine estate

www.marine.nsw.gov.au




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NSW marine estate management strategy
IDENTIFYING HIGH ECOLOGICAL VALUE (HEV)
WATERWAYS AND WATER DEPENDENT ECOSYSTEMS

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Presentation summary

- Context for the Marine Estate Management Strategy
- Objectives for the High Ecological Value (HEV) Waterways and Water Dependent Ecosystems tool
- How the HEV tool was created
- How to interpret the HEV tool
- How to apply the HEV tool



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NSW Marine Estate Management Strategy Snapshot 2018 - 2028

Our vision
A healthy coast and sea managed for the greatest wellbeing of the community now and into the future

Strategy Goal
The Strategy responds to the priority threats to water quality, habitats and biodiversity of the State's coastal waters and estuaries. It also aims to maximise the benefits the NSW community derives from the marine estate.

Key Actions

Management Objectives

Initiatives

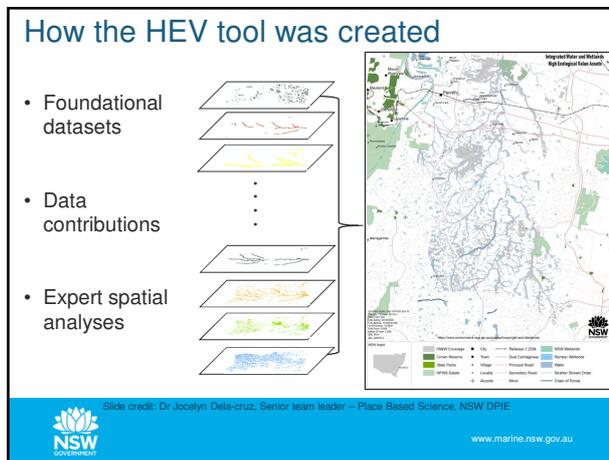
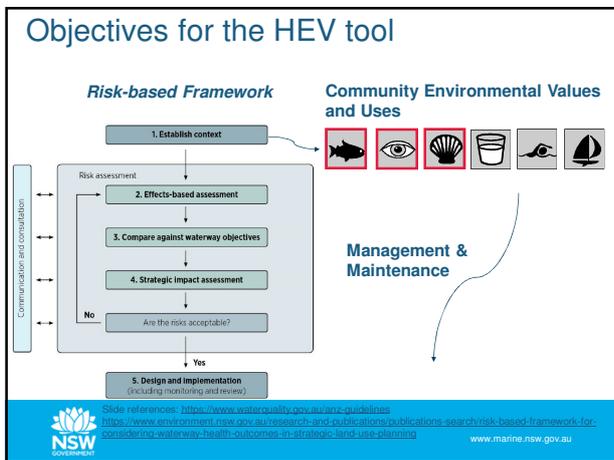
Management Objectives

Key Actions

Slide Source: <https://www.marine.nsw.gov.au/marine-estate-program/marine-estate-management-01.aspx>



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How to interpret the HEV tool

1) Functions in GIS

- 'Identify' tool
- 'Attribute table'

ID	Shape	GRID_ID	Tvalue	F.COM_m	GDEaurf_m2	PROWEST_m2	PROWSTRAIL
55615	Polygon	AVY-5453	14	106	2591	5206	14
8437	Polygon	AVL-5484	13	11	0	710	11
23058	Polygon	ATI-5723	13	109	9874	1379	11
476	Polygon	AVB-5496	12	64	0	1094	64
11765	Polygon	AVD-5495	12	95	0	2825	95
1780	Polygon	ATS-5435	12	110	797	5728	40
2113	Polygon	AVC-5498	12	117	0	3882	117
3043	Polygon	AUV-5501	12	124	0	1563	124
4131	Polygon	AUT-5497	12	109	0	2800	109
4218	Polygon	AVB-5487	12	96	0	0	0
5948	Polygon	AVH-5500	12	94	0	1725	94
6881	Polygon	AXD-5483	12	116	0	0	0

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How to interpret the HEV tool

1) SEED
(www.seed.nsw.gov.au)

2) Attachments

- Abstract
- Image
- Shapefile (GIS)
- Table of indicators

Slide reference: <https://data.seed.nsw.gov.au/dataset/hawkesbury-quantity-synthesis-region>

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How to apply the HEV tool

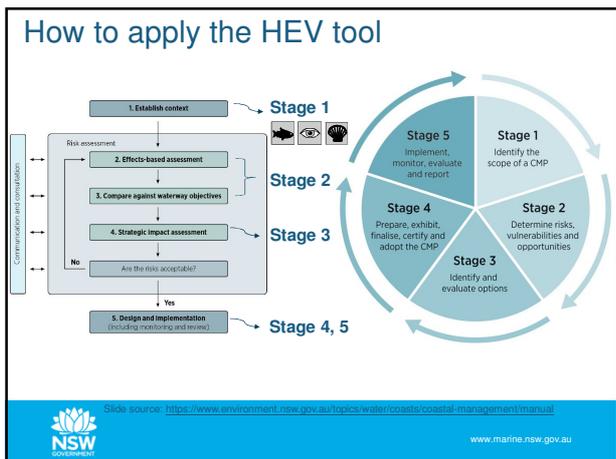
Slide source: <https://yoursay.northernbeaches.nsw.gov.au/towards-2040>

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How to apply the HEV tool

Slide source: Wilton 2040 and Greater Macarthur 2040, NSW DPE
Slide credit: Dr Jocelyn Delacruz, Senior team leader, Place Based Science, NSW DPI

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- ### The value of the HEV Project
- The first integrated dataset of High Ecological Value Waterways and Water Dependent Ecosystems
 - Applied to Regional & District strategies, LSPS, DCP and CMP
 - Available now (Greater Sydney Region) & expanded: <https://datasets.seed.nsw.gov.au/dataset/hevwater-greater-sydney-region>
 - Only possible through collaboration & team work – thank you!
- NSW GOVERNMENT
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Feedback and Questions?

Identifying High Ecological Value Waterways and Water Dependent Ecosystems

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