

COMMUNITY **PARTNERSHIP PROGRAM**



What is a wetland?

& World Wetlands Day 2 February (annually), **United Nations International Day**

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It's time

for wetland restoration

More than 35% of natural wetlands have been lost in the last 50 years.

Your choices, your voice and your actions can trigger

Join #GenerationRestoration #ForWetlands







Aims of this R.D.'s 'Wetlands' PD.

The basic aims of this PD are to raise awareness of:

- what a wetland is
- the many different types of wetlands, especially those within personal experience
- the annual World Wetlands Day (2 February)
- And the potential that any local wetland may need care/restoration

This powerpoint provides information on:

- The Australian government **definition** of 'wetlands'
- World Wetlands Day 2023, its theme 'Wetland Restoration'
- **Activities**:
 - On-line from the Wetland Restoration theme
 - An introduction to the concept of wetlands
 - Shared use of any wetlands students have visited (and passively observed) over holidays
 - Australian on-line resources for wetlands learning

These activities in this PD may also be useful for teachers as a preliminary to River Detectives 2023, e.g. in discussions of

- site selection,
- rationale for monitoring
- and actions that may later be felt to be worth doing at such a site.









Definitions of a wetland

A wetland is an area of land where water covers the soil - even for only part of the be natural or artificial. The water in them can be still or flowing, fresh, salty or in-be Wetlands are found in all kinds of places - along the coast, in the mountains, in dry underground. Many of them are connected by rivers. Some

Broad types of wetlands by origin:

- Linked to the sea Marine and coastal zone
- Linked to streams and lakes in inland regions
- Human- made wetlands in urban or natural environments.

Broad types of wetlands by environment:

- Arid :saltlakes, springs and temporary streams, lakes and waterholes
- Alpine: narrow mountain creeks and bogs, lakes / pondages, and waterfalls
- **Inland** rivers with floodplain features: billabongs, swamps, marshes, lakes... ponds, and waterfalls
- Marine / coastal: lagoons and estuaries (tidal river mouths) with mudflats, mangrove forests and saltmarshes

Definition source: Aust Govt 2018, Dof SEWP&C Wetlands and World Wetlands Day at www.environment.gov.au/wetlands

For a detailed list of the wetlands see: Directory of Important Wetlands in Australia – DAWE or https://www.awe.gov.au/water/wetlands/australian-wetlands-database/directory-important-wetlands





World Wetlands Day 2023 and its resources



Downloadable, ready to use materials at https://www.worldwetlandsday.org/material#_include:

- A colouring picture of the above
- The logo above, which could generate discussion about how the living things and tools relate to restoring wetlands.
- Four infographics for discussion: Why it is time?; 7 best practises; 7 benefits; 7 key players
- Wetland Restoration Ppt, including how to, why to, who to involve, and personal actions
- Wetland Restoration Video







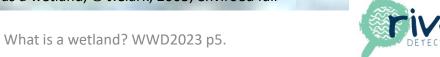
'What is a wetland?' Concept activity

Draw or write about a personal experience of a wetland over the holidays - including:

- the type of environment in which it was located
- the plants and creatures living in this water place
- the uses the plants and creatures made of it
- any action humans should take to look after or improve /restore this water place

Yarriambiack Creek as a wetland, © J.Clark, 2005, enviroed4all®







More 'wetlands' activities

Do students have photos, drawings or descriptions they could share of wetlands they visited during

the holidays that they can sort in to wetland types?

Eg lake –inland,. for these three Wimmera sites.



The Department of Sustainability, Environment,

Water, Population and Communities has some wetland teaching resources at https://www.dcceew.gov.au/water/wetlands/publications/discovering-wetlands-australia:

- **1** For literacy some word games
- **2** For art/ maths (symmetry) origami Choice of three animals ready to print: frog, turtle and pelican. Have a go first- can be tricky!
- 3 If you have enough time, there is a **full 'teaching unit'** Discovering Wetlands in Australia- A primary classroom resource' at

https://www.dcceew.gov.au/sites/default/files/env/resources/21499ab3-dbc5-445d-ab82-ed727019de31/files/classroom-resource.pdf from which you might choose a chapter:

- 1 What is a wetland?
- 2 Water and wetlands
- 3 Types of wetlands
- 4 Wetlands and forests
- 5 Indigenous values and perspectives of wetlands
- 6 What is a Ramsar site?









Wetland PD evaluation



What is a 'wetland'? and World Wetlands Day, 2 Februa T1 2023 RD online PD - date completed:

The topic of this online PD fits immediately into the first week of the 2023 school year and cou as an inintroduction to exploring water places, through River Detectives. Your feedback on it v most appreciated as this is an annual day and it might be a useful introduction every year.

Please take time to fill in this survey and return it to me. Your PD attendance certificate will then you. Your comments are confidential but are important to RD's/CMA for planning future events

- 1. Before this training, what was your level of knowledge of wetlands and World Wetlands Da Some Reasonable Good
- 2. How much has this training improved your knowledge of wetlands and World Wetlands Da Slightly Moderately Reasonably Consid
- 3. Please note any additional aspects to this topic that you would have liked included.
- 4. After this training, how likely are you to include parts of this topic in your classroom activiti Not at all Unlikely Uncertain Likely Defin
- 5. Please briefly outline what you might do:
- 6. Please describe what limiting factors may prevent you from including these activities in you
- 7. Please assess how suitable this this training was for you. If you did not use any part, please this, by putting a line through it.

VL = Very Low	L = Low	M = Mediu
Par	t of the traini	ng
What is a Wet	land? (ppt p:	3)
World Wetlan	ds Day (ppt p	4)
Linked classro	om activities	(ppt p4-6)

m	H= High		VH = Very High			
	Qua	on				
	VL	L	M	Н	VH	VL
	VL	L	M	Н	VH	VL
	VL	L	M	Н	VH	VL

River Detectives, T1 2023.

On-line and in-your-time **Professional Development**

What is a wetland? World Wetlands Day, 2 Feb

A **DOCX copy** of this form has been attached to the email for you to use if you decide to do this PD. Whenever you choose to do this PD, please complete the evaluation form and email it back to me (or email me for a new one if needed).

Your **feedback** on this **PD** is essential.

A **PD** certificate will be sent to you on my receipt of your evaluation form.

Thank you Jeanie Clark





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8. How could we improve training like this?



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