

**DELWP SCIENCE REFERENCE PANEL TALKS:**

**Dr Georgia Garrard (RMIT University)**

[Interdisciplinary conservation science](https://youtu.be/i3c2y7oWusg)

**Dr Rosemary Hill (CSIRO)**

[Strengthening and sharing Indigenous Knowledge for resilient](https://youtu.be/ecpGg7d2YVY)

[communities and environment with Our Knowledge Our Way in caring for Country](https://youtu.be/ecpGg7d2YVY)

**Dr Peter May (Bureau of Meteorology)**

[Weather and climate information- revolutionary changes](https://youtu.be/Tjkd7ub5Vlw)

**Dr Jack Pascoe (Conservation Ecology Centre)**

[The role of science in building and supporting resilient](https://youtu.be/8gq09P09Pow)

[communities and the environment](https://youtu.be/8gq09P09Pow)

**Professor Abbas Rajabifard (University of Melbourne)**

[Spatial enablement and location intelligence for resilience and sustainability](https://youtu.be/lvvJe_BbRpo)

**Professor Gary Sheridan (University of Melbourne)**

[Earth, fire and water](https://youtu.be/Tx0QxoD7D-g)

**Dr Marta Yebra (Australian National University)**

[Helping bushfire planning efforts with remote sensing data](https://youtu.be/APc7rk-tuvk)

**PRESENTATIONS FROM:**

**Claire Anderson (DELWP – Forest, Fire & Regions)**

[Delivering new pocket parks across Melbourne](https://youtu.be/mWAzzz1bX9g)

**Renae Ayres (Arthur Rylah Institute – DELWP)**

[Cross-border rescue and translocation of Freshwater Catfish](https://youtu.be/cXGO3qPCRac)

**Zoi Banikos (Trust for Nature)**

[Squirrel Gliders on the Molyullah Floodplain](https://youtu.be/FcyLsjyCkiQ)

**Kim Borg (Behaviour Works)**

[Turning the social tide on plastic pollution](https://youtu.be/LUt5mIXUSkY)

**Neville Brayley  (DELWP – Surveyor-General)**

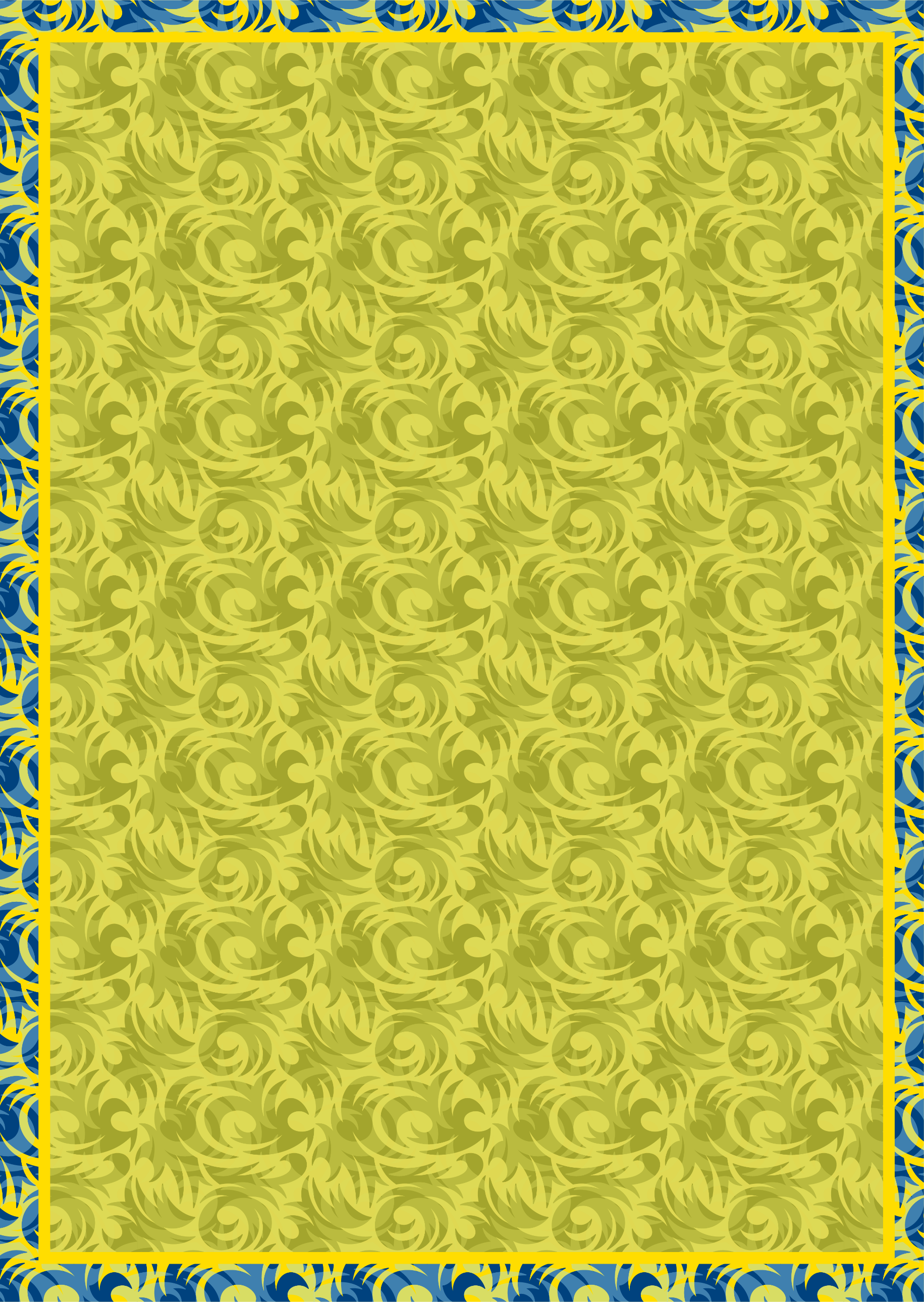
[Great Ocean Road – Innovation in land administration](https://youtu.be/U4e13OaMEmc)

**Tegan Brown (DELWP- Forest, Fire & Regions)**

[Nonlinear shifts in fire regimes in response to climate change](https://youtu.be/fR25phAECh0)

DELWP SCIENCE SYMPOSIUM

LIGHTNING TALKS



**Martin Butcher (DELWP – Forest, Fire & Regions)**

[Barwon River public participation program](https://youtu.be/Mu_ZC1sE6Kc)

**Darcie Carruthers (Zoos Vic)**

[Tracking moths and lights off – involving community for the](https://youtu.be/skypHpqrZVI)

[conservation of the Mountain Pygmy-possum and Bogong moth](https://youtu.be/skypHpqrZVI)

**Jemma Cripps (Arthur Rylah Institute – DELWP)**

[Regional Forest Agreements – Landscape scale surveys for flora and fauna](https://youtu.be/Jn-k-Pl8JJo)

**Ramona Dalla Pozza & Marty Gent (DELWP – Environment & Climate Change)**

[Climate Change Projections Visualisation Tool for Victoria](https://youtu.be/9pFeI-3AoPQ)

**Stephen Deutsch (DELWP – Data Insights)**

[Aerial firefighting analytics](https://youtu.be/ht8xYn7gO8A)

**Glenn Dunks** **(DELWP – Water & Catchments)**

[Victorian Water and Climate Initiative (VicWaCI)](https://youtu.be/Y6woLzk91yI)

**Brad Farmilo (Arthur Rylah Institute – DELWP)**

[Monitoring weed control activities in Melbourne’s peri-urban environment](https://youtu.be/qAk2ylYyz10)

**Louise Durkin** **(Arthur Rylah Institute – DELWP)**

[Investigating patterns of recolonisation and recovery by](https://youtu.be/9ih1CGzn_eM)

[Leadbeater’s Possum after the 2009 Black Saturday bushfires](https://youtu.be/9ih1CGzn_eM)

**Arabella Eyre (Zoos Vic)**

[Conservation translocations for the Critically Endangered Lowland Leadbeater’s Possum](https://youtu.be/6x1tZcXk4j8)

**Melissa** **Hatty (Behaviour Works)**

[Using behaviour change science to achieve biodiversity goals](https://youtu.be/Hpq98HpiiEc)

**Chris Hartnett (Zoos Vic)**

[The science of conservation detection dogs](https://youtu.be/ZrQvjfC0jlo)

**Cindy Hauser (Arthur Rylah Institute – DELWP)**

[Greater FAME: building better stats into the Fire Analysis Module for Ecological values](https://youtu.be/3uLjpaalw4U)

**Sam Hillman (DELWP- Forest, Fire & Regions)**

[New methods of measuring vegetation structure for fuel hazard](https://youtu.be/1awbGlEgxp0)

**Meg Hirst (Royal Botanic Gardens Victoria)**

[Victorian Conservation Seedbank](https://youtu.be/fdHqVbtdw0A)

**Katie Jackson (DELWP – Water & Catchments)**

[Monitoring wetland hydrology in Victoria](https://youtu.be/gKjaDzxylFc)

**Chris Jones (Arthur Rylah Institute – DELWP)**

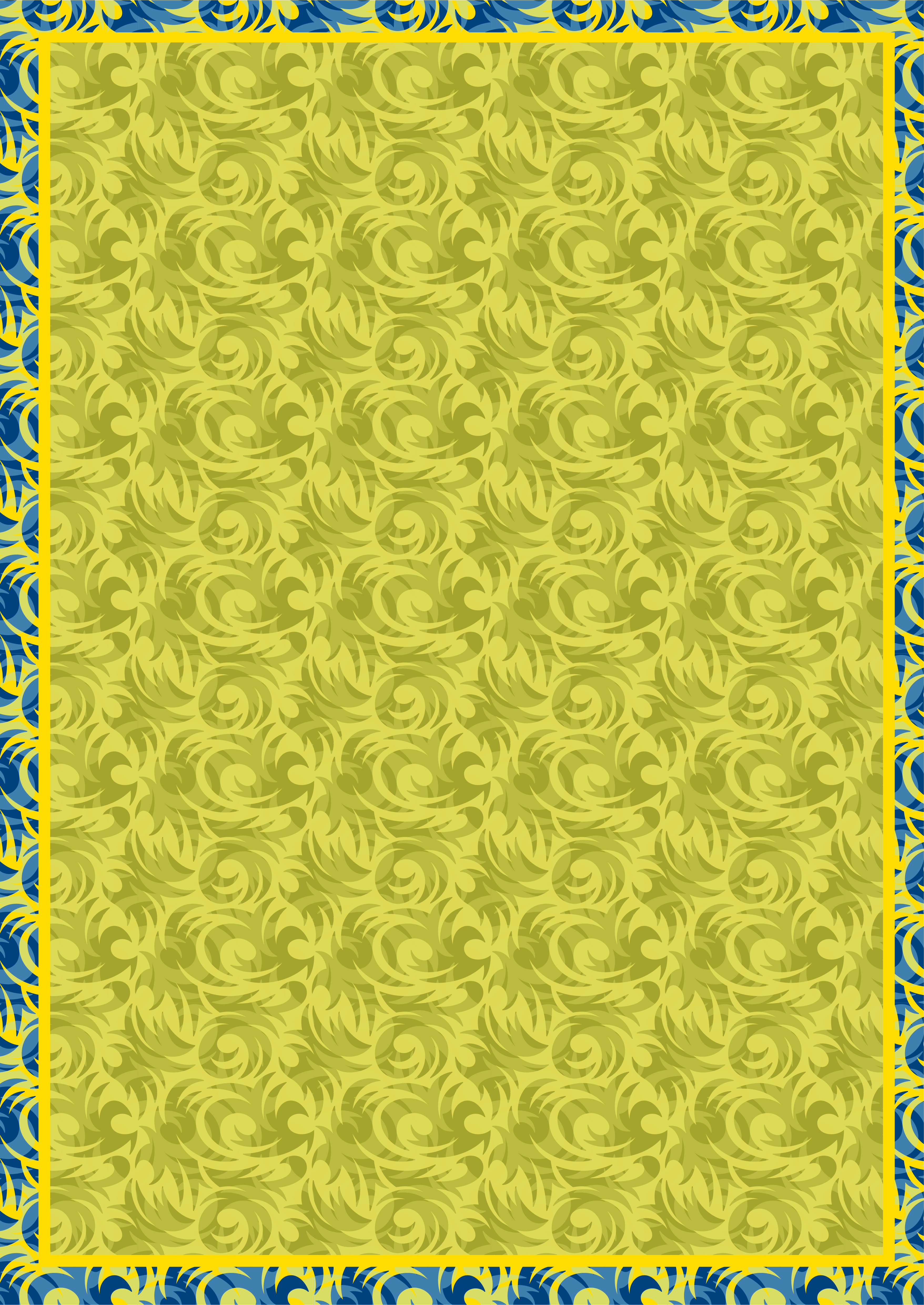
[Maximising the benefits of environmental flows for native vegetation](https://youtu.be/Q77QByjodpc)

**Rebecca Lett (DELWP – Water & Catchments)**

[Guidelines for assessing the impact of Climate Change on Water Availability in Victoria](https://youtu.be/dxNZdpfHeUU)

**Harrison McKinley** **(DELWP – Surveyor General)**

[Gippsland coastline subsidence monitoring with GPS](https://youtu.be/SN8CFDX_NC0)



**Shiroma Maheepala (DELWP – Water & Catchments)**

[Quantifying potential changes in runoff and water quality in 2030 and 2050 to inform the development of Greater Melbourne Integrated Water Management (IWM) Plans](https://youtu.be/UH1WS0PIKsM)

**Rebecca McIntosh (Phillip Island Nature Parks)**

[“Bins on Boats”: reducing marine plastic pollution and marine mammal entanglements](https://youtu.be/Hw22JmfdWcs)

**Andre Messina  (Royal Botanic Gardens Victoria)**

[VicFlora](https://youtu.be/EoAhvZRvN_c)

**Kangmin Moon (Commissioner for Environmental Sustainability)**

[Understanding Victoria’s spatial capability to improve environmental reporting](https://youtu.be/WSG-oR7lCQU)

[in the State of the Environment 2023 Report](https://youtu.be/WSG-oR7lCQU)

**Yvette Pauligk (Zoos Vic)**

[Plains-wanderer behaviour and reproduction in captivity](https://youtu.be/v9UL9Ip87Po)

**Marissa Parrott (Zoos Vic)**

[Developing, trialling and using Bogong bikkies to support the](https://youtu.be/72bSc3NU6Dg)

[critically endangered Mountain Pygmy-possum](https://youtu.be/72bSc3NU6Dg)

**Louise Prossor  (DELWP – Corporate Services)**

[Economic assessment of green and blue infrastructure in Melbourne](https://youtu.be/sFTVk-E_h8A)

**Cecilia Riebl (Trust for Nature)**

[Farm covenants: opportunities to protect biodiversity and support sustainable land management in productive landscapes](https://youtu.be/ivbFxVWcjNE)

**Fin Roberts (DELWP – Forest, Fire & Regions)**

[Where should we invest forest roads to reduce bushfire risk?](https://youtu.be/0dYVMZzq_jg)

**Duncan Sutherland (Phillip Island Nature Parks)**

[Saving the mainland Eastern Barred Bandicoot on Victorian islands](https://youtu.be/SvZrYWJPGFE)

**Lyndsey Vivian (Arthur Rylah Institute – DELWP)**

[Using experiments to investigate the impacts of unseasonal flow scenarios on river plants](https://youtu.be/n1_TpHX2OQA)

**Jenny Wilson (Goulburn Broken CMA)**

[The importance of private land to conservation](https://youtu.be/7aqtGOSpb-w)v

**Alex Woods (DELWP – Surveyor-General)**

[Gippsland coastline subsidence monitoring with GPS](https://youtu.be/qDyvAhMAtIE)

**Madeleine** **Zamora** **(DELWP – Forest, Fire & Regions)**

[How does storing Mineral spring water in bottles affect heavy metal concentrations](https://youtu.be/GJ0ZvVz0R_Q)