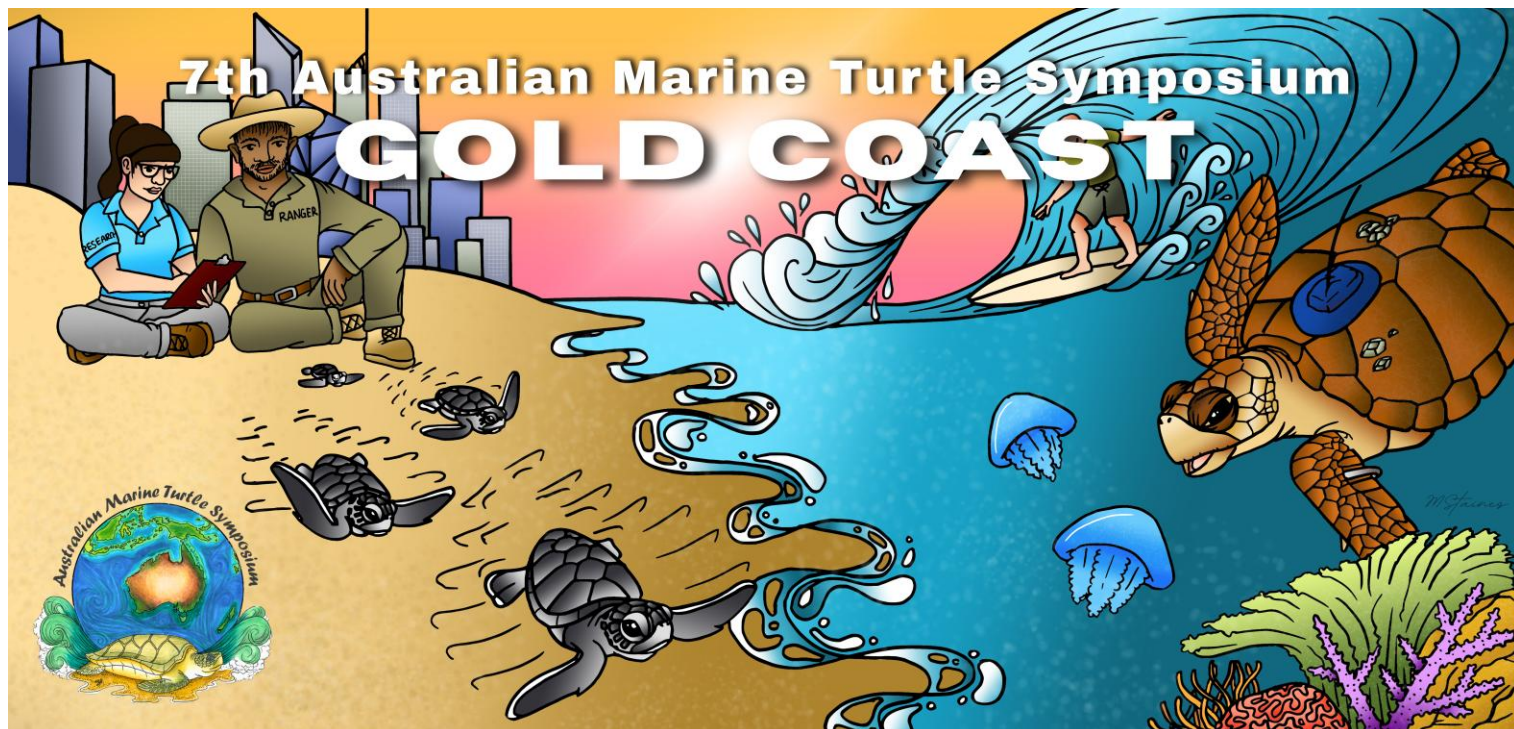




AMTS PROGRAM | 19–21 OCTOBER 2026

MONDAY 19 OCT 2026

Time	Session / Presentation	Presenter
8:30 AM	Delegate Check-in Open	
9:00 AM	Welcome to Country	Justine Dillon
9:10 AM	House keeping	Chairs
9:20 AM	Keynote Talk (30 mins)	Justine Dillon
	Climate Impacts	
9:50 AM	Using air temperature to predict nest temperature and hatchling sex ratios	David Booth
10:00 AM	Temperature-driven feminisation of marine turtles: Integrating environmental proxies and climate trends to assess risk at remote nesting beaches	Tristan Poole
10:10 AM	Impact of targeted nest shading on olive ridley (<i>Lepidochelys olivacea</i>) hatching success and hatchling performance while preserving sex ratios in Costa Rica	Sophie Mills
10:20 AM	Breeding on borrowed time: Managing flatback sea turtles amid climate driven male limitation	Camille Kynoch
10:30 AM	Climate refugia for nesting southwest pacific loggerhead turtles	Emily Webster
10:40 AM	5 min buffer	
10:45 AM	Morning tea (30 mins)	

Time	Session / Presentation	Presenter
	Light Pollution & Coastal Conservation	
11:15 AM	Physics of light, turtle vision and ocean finding behaviour	Colin Limpus
11:25 AM	Competing cues on the nesting beach: horizon elevation mediates hatchling responses to artificial light	Daniel Gomez Isaza
11:35 AM	Evidence for policy: Using glass tinting to reduce coastal light pollution for loggerhead turtles	Kate Hofmeister
11:45 AM	Shelly beach marine turtle lighting retrofit - case study	Ebony King
11:55 AM	Investigating a sea turtle mortality event in Port Stephens, NSW: A multidisciplinary approach	Ryan Pereira
12:05 PM	Marine turtle sightings beyond their typical range on Australia's southern coast	Jessica Crabb
12:15 PM	# Identifying ecologically important areas for marine turtles: Advancing green sea turtle conservation in New Zealand	Karen Middlemiss
12:25 PM	Progress toward important marine turtle areas: A global habitat prioritization framework and decision-support tool	Andrew Maurer
12:35 PM	5 min buffer	
12:40 PM	Lunch (60 mins)	
	Pollution & Human Interactions	
1:40 PM	Dietary variation drives contaminant exposure in Moreton Bay green sea turtles (<i>Chelonia mydas</i>)	Jemma Davey
1:50 PM	Trace element accumulation in green turtles (<i>Chelonia mydas</i>) foraging in locations of differing chemical input	Nicole Rowberry
2:00 PM	Metal exposure and maternal transfer in the Australian flatback turtle (<i>Natator depressus</i>)	Samantha Fox
2:10 PM	The presence and implications of plastics on Australian sea turtles	Lucy Palmer
2:20 PM	Microplastics, nutritional deprivation and probiotics	Jen Slape
2:30 PM	Interactions of marine turtles in shark control programs along Australia's east coast	Nisha Hamann
2:40 PM	Marine turtle strandings data and the importance of volunteer responders	Natalie Sands
2:50 PM	5 min buffer	
2:55 PM	Afternoon Tea (30 mins)	
	From Monitoring to Management	
3:25 PM	The value of long-term studies to inform conservation	Graeme Hays
3:35 PM	Thirty-one years of flatback turtle (<i>Natator depressus</i>) monitoring on Bare Sand Island, NT: Population trends, life histories and conservation insights	Michael Guinea
3:45 PM	Conservation and protection of Bribie Island's critically endangered southern Pacific loggerhead turtles	John Oxenford
3:55 PM	# Ancient connections, modern pressures: Insights from 22 years of community-led turtle monitoring in Port Hedland	Kelly Howlett

Time	Session / Presentation	Presenter
4:05 PM	Two knowledge systems, one shared goal: sea country, science and shared stewardship in marine turtle conservation in NSW	Merryn Dunleavy and Leweena Williams
4:15 PM	Indigenous-led marine turtle monitoring and threat mitigation in western Cape York	Manuela Fischer
4:25 PM	Nesting density and distribution of sea turtles using aerial surveys in the Uunguu Indigenous Protected Area of the northwest Kimberley, Western Australia	Melissa Staines
4:35 PM	Stronger together: How a school, NGO and government turtle conservation program work in partnership to build turtle knowledge, advocacy and connection	Clodagh Guildea
4:45 PM	Cultural and custodial responsibility to protect the world's largest green turtle rookery	John Murray and Jimmy Passi
4:55 PM	From connection to collective action: Update from the Queensland Marine Turtle Network	Sean Williamson
5:05 PM	An update from the commonwealth: Current marine turtle initiatives and future priorities	Jessica Armstrong
5:15 PM	Day 1 Close	Chairs
6:30 PM	Workshop: Breaking Into Sea Turtle Conservation: Building Networks, Skills & Impact (2hrs)	Nisha Hamann

- denotes pre-recorded video presentations

TUESDAY 20 OCT 2026

Time	Session / Presentation	Presenter
8:00 AM	Sea World Tour (Opt-In Required)	Sea World Foundation
9:30 AM	House keeping	Chairs
9:40 AM	Keynote Talk (30 mins)	Nancy Fitzsimmons
	Movement Ecology & Habitat Use	
10:10 AM	Wanderers, residents and everything between: Diversity in marine turtle movement	Mark Hamann
10:20 AM	Foraging area dynamics and foraging behaviour of green turtles in Queensland	Madison Bolton
10:30 AM	Investigating the movement patterns, habitat use and health of marine turtles in New South Wales	Jo Day
10:40 AM	Eight years at sea: Insights from the only long-term monitored flatback turtle foraging site	Jenna Hounslow
10:50 AM	Satellite tracking rehabilitated green sea turtles <i>Chelonia mydas</i> at their thermal limit, New Zealand	Pablo Fuenzalida
11:00 AM	5 min buffer	
11:05 AM	Morning tea (30 mins)	
	Population Biology	

Time	Session / Presentation	Presenter
11:35 AM	Within and beyond the control region: New mitochondria DNA haplotypes in Indo-Pacific nesting green sea turtles (<i>Chelonia mydas</i>)	Camilla Maniscalco
11:45 AM	Great Barrier Reef green turtle research program: Foraging ground population monitoring project	Abigail Robinson
11:55 AM	Using a testosterone assay to predict the sex of immature green turtles	Jason van de Merwe
12:05 PM	Integrating reproductive endocrinology, sexual function and genomics to investigate reproductive potential in hybrid sea turtles	Siobhan Houlihan
12:15 PM	Where do we intervene? Identifying the life stages that matter most for recovering endangered turtles	Christina Hunter
12:25 PM	Australian Marine Turtle Community - Terms of Reference (Draft for Consultation)	Jason van de Merwe
12:35 PM	# Aiming towards a holistic approach to turtle monitoring: A flatback example	Sabrina Fossette
12:45 PM	5 min buffer	
12:50 PM	Lunch (60 mins)	
	Health & Rehabilitation	
1:50 PM	Collaborative marine turtle health assessments driving conservation research	Phoebe Farrell
2:00 PM	Increased strandings and decreased health in green turtles following an extreme flooding event	Kimberly Finlayson
2:10 PM	Gut microbiome characterisation of green turtles (<i>Chelonia mydas</i>) in southeast Queensland: A pilot study	Jacob Bowtell
2:20 PM	Triage to recovery: Optimising veterinary care for stranded sea turtles	Claire Madden
2:30 PM	Adaptive veterinary nursing in marine turtle fieldwork	Kaytlyn Williams
2:40 PM	Shell-shocked: What CT scans reveal beneath the sea turtle's armour	Jennie Gilbert
2:50 PM	Enrichment strategies for sea turtles undergoing rehabilitation: Supporting welfare and recovery	Rachel Free
3:00 PM	5 min buffer	
3:05 PM	Afternoon Tea + Close of Silent Auction (30 mins)	
	From Neighbouring Shores to Australian Nesting Beaches	
3:35 PM	Quantifying mortality rates of olive ridley turtles at Imalu Beach, Tiwi Islands	Phillipa Wilson, Dominic Tipiloura and Stanley Tipungwuti
3:45 PM	Cultural use of green turtles (<i>Chelonia mydas</i>) in the south province of New Caledonia	Tyffen Read
3:55 PM	# Relaunch of a community-based leatherback project along Papua New Guinea's Huon Coast	John Ben
4:05 PM	Relocating turtle eggs: Is this what we need to do to save the population?	Johanna Karam
4:15 PM	Cracking the case of the unhatched eggs: New insights from Raine Island	Katharine Robertson

Time	Session / Presentation	Presenter
4:25 PM	Thermal influences on hatchling phenotype in flatback (<i>Natator depressus</i>) and olive ridley (<i>Lepidochelys olivacea</i>) sea turtles from naturally incubated nests in northern Australia	Ella-Monique Mason
4:35 PM	# Assessing loggerhead turtle (<i>Caretta caretta</i>) reproductive success at Mon Repos, QLD	Madison Scott
4:45 PM	Healthy hatchlings: Nest relocation reshapes loggerhead hatchling fitness	Caitlin Smith
4:55 PM	Stop it like it's hot: 'Accelerometer backpacks' reveal how warm sand suppresses digging and structures emergence behaviour in green turtle hatchlings	Davey Dor
5:05 PM	Closing Remarks	Chairs
6:00 PM	Workshop: Light Beers and Turtle Tech (1.5hrs)	Kate Hofmeister and Cesar San Miguel

- denotes pre-recorded video presentations

WEDNESDAY 21 OCT 2026 — WORKSHOPS

Location / Time	Workshop	Convenor(s)
Morning Workshops 9:00 AM – 12:00 PM		
Sea World	Marine Turtle Rehabilitation and Rescue Technical Skills Workshop	Claire Madden and Siobhan Houlihan
Griffith University Bld G42 Rm 3.04	The value of collecting data across many years	Graeme Hays, Melissa Staines, Richard Reina and David Booth
Griffith University Bld G39 Rm 1.13	Ethics of tagging marine turtles (Full Day) - Part 1	Michelle Campbell-Ward
12:00 PM	Lunch — BYO or available to purchase on Griffith University Campus	
Griffith University	(QTMN Invite Only Meeting) Queensland Marine Turtle Network: Connecting people, inspiring action	Sean Williamson
Afternoon Workshops 1:00 PM – 4:00 PM		
Griffith University Bld G39 Rm 1.13	Ethics of tagging marine turtles (Full Day) - Part 2	Michelle Campbell-Ward
Griffith University Bld G42 Rm 3.04	Sea Turtle Embryology and Temperature Dependent Sex Determination	Col Limpus and Jeff Miller
Griffith University Bld G39 Rm 1.15	Sea Turtle Stranding Response Workshop	Tristan Poole, Gabrielle Joslin-Thomas, Madison Scott