

CSP Research proposals 2019/20: initial prioritisation

These tables summarise research proposals for delivery by CSP in 2019/20, for consideration by the CSP RAG. The proposals have been given initial prioritisation according to the framework described in the CSP Strategic Statement 2018. Projects are ordered by ranking.

Proposal	Title	Duration	Cost/ annum (\$ 000s)	Total cost (\$ 000s)	CSP Objective	Weighted score
INT-1	Observing commercial fisheries	1	N/A	N/A	A, B, C	N/A
INT-2	Identification of seabirds captured in New Zealand Fisheries	3	\$100,000	\$300,000	B, C, E	4.45
INT-4	Characterisation of marine mammal interactions	1	\$25,000	\$25,000	A, B	4.45
INT-7	Estimating cryptic mortality rates of warp strikes	1	\$100,000	\$100,000	A, B, C	4.25
INT-3	Identification and storage of cold-water coral bycatch specimens	3	\$40,000	\$120,000	B, C, E	4.10
INT-5	Coral biodiversity in deepwater fisheries bycatch	1	\$22,000	\$22,000	E	3.75

INT-8	Post-release survival of seabirds	1	\$10,000	\$10,000	B, C, E	3.75
INT-6	Characterising net captures of seabirds in deepwater trawl fleet	1	\$80,000	\$80,000	B, C	3.60
POP-9	Investigation of electronic device options to assess distribution, diving and foraging behaviour of Hector's dolphins	1	\$20,000	\$20,000	E	4.25
POP-17	Black petrel population project	3	\$120,000	\$360,000	E	3.90
POP-14	Fish shoal dynamics in North-eastern New Zealand	3	\$50,000	\$150,000	D	3.75
POP-4	New Zealand fur seal: Cook Strait habitat use assessment	1	\$20,000	\$20,000	E	3.40
POP-5	Spotted shag population review	1	\$20,000	\$20,000	E	3.40

POP-8	Protected coral reproduction study	1	\$100,000	\$100,000	E	3.35
POP-18	Understanding potential interactions and indirect effects between commercial fisheries and NZ king shag foraging activity, diets and population trends	1	\$120,000	\$120,000	D	3.25
POP-2	Antipodes Island seabirds research	1	\$80,000	\$80,000	E	3.20
POP-3	Campbell Island seabird research	1	\$50,000	\$50,000	E	3.20
POP-1	Southern Buller's albatross: Snares/Tini Heke population project	3	\$60,000	\$180,000	E	3.10
POP-13	NZ fur seal: Bounty Islands population assessment	1	\$20,000	\$20,000	E	3.10
POP-15	North-eastern New Zealand seabird tracking and dietary analyses	2	\$80,000	\$160,000	D	3.10

POP-6	The relative abundance and distribution of data-deficient Odontocete species in the Cook Strait region from passive acoustic data	1	\$155,000	\$155,000	E	2.35
POP-7	Leopard seal: New Zealand distribution and occurrence assessment	2	\$75,000	\$150,000	E	1.65
POP-11 Removed	Māui, Hector's dolphins and NZ sea lion prey availability in coastal and subantarctic waters- impacts of climatic and oceanic effects					0.00
POP-10 Removed	Māui dolphin hybridisation					0.00
POP-12 Removed	NZ sea lion diet and foraging behaviour					0.00
POP-16 Removed	Blood feather samples from flesh samples from FFSW to investigate ecophysiology, nutrition and foraging ecology variables					0.00
MIT-6	Optimum batching interval for discharge management for inshore fisheries	1	\$20,000	\$20,000	A	4.35

MIT-2	Underwater bait setter for surface longline vessels	1	\$200,000	\$200,000	A	3.95
MIT-1	Review of mitigation techniques to reduce benthic impacts of trawling	1	\$20,000	\$20,000	A, E	3.55
MIT-5	Lighting adjustments to mitigate against deck strikes/vessel impacts	1	\$20,000	\$20,000	D	3.45
MIT-3 Removed	Reducing slow sinking hooks near floats in demersal longline gear					0.00
MIT-4 Removed	Dolphin Deterrent Device Mitigation in inshore fisheries					0.00