Research proposals for CSP RAG: initial prioritisation

These tables summarise research proposals for delivery by CSP in 2018/19, for consideration by the CSP RAG.
The proposals have been given initial prioritisation according to the framework described in the CSP Strategic Statement 2015.

Interaction projects

Proposal	Title	Duration	Cost/ annum ($ 000s)	Total cost ($ 000s)	CSP Objective	Weighted score
INT2015-03	Identification and storage of cold-water coral bycatch specimens	3/3	40	120	B; C; E	
INT2016-02	Identification of seabirds captured in NZ fisheries	3/3	80	240	B; C	
INT2017-03	Identification of marine mammals, turtles and protected fish captured in NZ fisheries	2/3	15	45	B; C	
INT2017-02	Supporting the utility of electronic monitoring to identify protected species interacting with commercial fisheries	2/2	20	40	A; B; C	
INT-5	Trialling innovative Electronic Monitoring (EM) systems for small vessels	2	$50	$100	A; B	**4.55**
INT-3	Development of observer photograph protocols and curation	2	$30	$60	A; B; C	**4.45**
INT-2	Improving the collection of data and samples from bycaught basking sharks	1	$20	$20	C;E	**4.30**
INT-6	Updated analysis of Spine-tailed devil ray post release survival	1	$15	$15	A; B	**4.30**
INT-7	Feasibility of estimating cryptic mortality rates of warp strikes	1	50-100	50-100	A; B; C	**4.25**
INT-4	Characterisation of marine mammal interactions	1	$25	$25	A; B	**4.10**

Population projects

Proposal	Title	Duration	Cost/ annum ($ 000s)	Total cost ($ 000s)	CSP Objective	Weighted score
POP2017-03	Salvin's albatross: Bounty Islands population project	1/2	$120	$240	E	
POP2017-04	Auckland Island seabird research	2/3	$90	$270	E	
POP2017-06	Indirect effects on seabirds in north-east North Island region	2/2	$40	$80	D	
POP-02	Indirect effects of fishing on NZ sea lions	1/2	$40	$80	D	
POP2017-07	The age and growth of NZ protected corals at high risk	2/2	$25	$50	E	
POP-9	Improving distribution maps of protected cold-water corals in New Zealand	2	$30	$60	B; C	**4.00**
POP-12	Hoiho population and tracking project	2	$60	$120	D; E	**4.00**
POP-6	New Zealand Sea Lion: Auckland Islands Pup count	4	$100	$400	E	**3.80**
POP-11	Flesh-footed shearwater: Population project	3	$100	$300	E	**3.65**
POP-3	Westland petrel population estimate	1	20-40	20-40	E	**3.55**
POP-8	Cold-water coral connectivity in New Zealand	1	$50	$50	E	**3.55**

Population projects (continued)

Proposal	Title	Duration	Cost/ annum ($ 000s)	Total cost ($ 000s)	CSP Objective	Weighted score
POP-16	White shark population study	2	$60	$120	E	**3.45**
POP-13	The relative abundance and distribution of Odontocete species in the Cook Strait region from passive acoustic data	1	$155	$155	E	**3.45**
POP-5	Southern Buller's albatross: Snares/Tini Heke population project	3	$60	$180	E	**3.35**
POP-1	Campbell Island seabird research	1	60-100	60-100	E	**3.35**
POP-2	Antipodes Island seabirds research	1	60-100	60-100	E	**3.35**
POP-7	New Zealand fur seal: Cook Strait habitat use assessment	1	$35	$35	E	**3.20**
POP-4	Spotted shag population review	2	$20	$40	E	**3.05**
POP-10	Leopard seal: New Zealand distribution and occurrence assessment	2	50-100	100-200	E	**1.80**

Mitigation projects

Proposal	Title	Duration	Cost/ annum ($ 000s)	Total cost ($ 000s)	CSP Objective	Weighted score
MIT2016-02	Entanglement of cetaceans in pot/trap lines and setnets and a review of potential mitigation methods	2/2	$15	$30	A; B	
MIT2017-01	Protected species liaison project (SLL & BLL)	2/3	$140	$420	A	
MIT2017-02	Characterisation and development of offal management for small vessels	2/2	$30	$60	A; B	
MIT2017-03	Characterisation and mitigation of protected species interactions in the inshore trawl fisheries	2/2	$30	$60	A; B	
MIT-3	Protected species bycatch media	2	$40	$80	A; B	**4.65**
MIT-1	Haul mitigation for small longline vessels	1	50-100	100-200	A	**4.25**
MIT-2	Options for Temporal and Spatial management of key fisheries to reduce risk of interactions with protected species	1	$80	$80	A	**4.10**
MIT-5	Review of mitigation techniques to reduce benthic impacts of trawling	1	$30	$30	A; E	**4.00**
MIT-4	Development of modified fishing gear to reduce the effects of inshore trawling	2	$100	$200	A; E	**3.80**