

Animal Tracking - Acoustic Tagging - data currently available via the portal



Data summary - Detections by project - report run on Friday 02 November 2018

Headers:	Type of funding.
# installations:	Total number of installations. An installation is a configuration of multiple receivers generally identified by a geographic location.
# stations:	Total number of receiving stations. A receiving station is a location within an installation where a receiver is deployed.
# deployments:	Total number of receiver deployments.
# releases:	Total number of animals released by each project.
# tag detections:	Number of detections for tags released by each project.
# transmitters:	Number of transmitters detected across all receivers.
# detections:	Total number of detections recorded across all receivers.
% unregistered transmitters:	Number of unregistered transmitters detected at a given receiving station as a percentage of the total number of transmitters (i.e. % unregistered transmitters = Number of unregistered transmitters/Total number of transmitters x 100.)
% unregistered detections:	Number of detections of unregistered tags at a given receiving station as a percentage of the total number of detections (i.e. % unregistered detections = Number of detections of unregistered transmitters/Total number of detections x 100.)
Last deployment:	Latest receiver deployment date (format: dd/mm/yyyy).
Last detection:	Last detection date (format: dd/mm/yyyy).
# years of data:	Number of years between the earliest and latest detection dates.
Animal Tracking Facility:	http://imos.org.au/animaltracking.html ; web app: https://animaltracking.aodn.org.au/ .

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
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IMOS Receiver Pool

Coral Sea Nautilus tracking project	1	5	17	20	144,157	0	0	null	null	25/05/2008	null	null
Rowley Shoals reef shark tracking 2007	1	15	15	36	26,734	121	34,646	14.9	0.2	12/12/2007	22/10/2008	0.9
Seven Gill tracking in Coastal Tasmania	1	71	118	88	82,330	478	97,374	22.8	15.6	25/05/2009	25/09/2009	1.8
The Yongala's Halo of Holes - Who is Digging It	1	10	4	0	0	0	0	null	null	09/11/2007	null	null
Wenlock River Array, Gulf of Carpentaria	1	107	316	233	3,425,827	5,262	5,105,432	42.3	23.8	07/12/2015	02/08/2016	8

Fully Co-Invested

AIMS Heron VPS	0	0	0	0	0	0	0	null	null	null	null	null
AIMS Scientific Zone	1	15	16	27	2,114,750	1,349	3,237,642	75.9	7.7	06/12/2011	31/10/2012	2.2
ARI - Glenelg River	0	0	0	0	0	0	0	null	null	null	null	null

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
Assessing the Effectiveness of Shark Nursery Area Closures for the Protection of Conservation of Coastal Shark Species	0	0	0	0	0	0	0	null	null	null	null	null
Aversive conditioning of estuarine crocodiles	0	0	0	0	0	0	0	null	null	null	null	null
Bamboosharks in Singapore	0	0	0	0	0	0	0	null	null	null	null	null
Bendalong Array	1	10	9	5	0	0	0	null	null	24/07/2018	null	null
Bluefin tuna GAB	3	43	0	0	0	0	0	null	null	null	null	null
Bluefin tuna WA	0	0	0	762	78,482	0	0	null	null	null	null	null
Blue Groper habitat mapping Kangaroo Island	1	10	26	20	59,098	0	0	null	null	19/10/2009	null	null
Bruce Barker's project	1	72	70	0	0	0	0	null	null	24/11/2009	null	null
Chondrichthyan monitoring of south-east Australia	1	1	0	181	821,739	0	0	null	null	null	null	null
Clever Buoy Shark Detection System	1	2	2	0	0	0	0	null	null	15/02/2016	null	null
Condamine River Acoustic Tagging Project	0	0	0	0	6	0	0	null	null	null	null	null
CSIRO: Animal Tagging 2	5	125	185	98	886,198	2,607	1,422,020	15.3	12.2	02/06/2017	10/09/2018	8.8
CSIRO Gladstone Harbour	0	0	0	138	374,030	0	0	null	null	null	null	null
CSIRO Gladstone Harbour	1	47	47	47	1,650,216	852	1,658,760	9.9	0.4	05/11/2013	21/06/2016	3.1
Diadromous fish movements in the O'Connell R, central Qld	1	34	40	90	1	0	0	null	null	03/09/2015	null	null
DNRM QLD Test	0	0	0	0	418,639	0	0	null	null	null	null	null
Ecocean Ningaloo whale shark project	0	0	0	24	3,240	0	0	null	null	null	null	null
Environmental drivers of residency patterns in three batoid species	0	0	0	0	0	0	0	null	null	null	null	null
Extinct and endangered species	0	0	0	0	0	0	0	null	null	null	null	null
Fitzroy and Ashburton River, WA sawfish monitoring	1	19	0	0	0	0	0	null	null	null	null	null
FRDC WA commercial sharks	0	0	0	200	215,593	0	0	null	null	null	null	null
FSRF Acoustic	0	0	0	26	16	0	0	null	null	null	null	null
Galapagos shark movement patterns in the Lord Howe Island Marine Park	1	12	12	30	0	0	0	null	null	23/01/2018	null	null
Giant Shovelnose	0	0	0	20	5,234	0	0	null	null	null	null	null
Moreton Bay	0	0	0	0	0	0	0	null	null	null	null	null
Grey Nurse Shark_Diver Interactions	1	0	0	0	0	0	0	null	null	null	null	null
Gulf St Vincent monitoring	8	70	176	115	964,429	1,159	968,412	16.7	0.7	30/07/2013	22/07/2014	4.3
Gummy shark and Southern fiddler ray -	0	0	0	19	1,437	0	0	null	null	null	null	null

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
VIC												
Hammerhead sharks of SEO	0	0	0	0	0	0	0	null	null	null	null	null
Harlequin fish habitat mapping Kangaroo Island	1	7	21	10	1	0	0	null	null	23/01/2011	null	null
IMOS-ATF Bondi line	1	30	233	0	125	2,107	708,388	14.1	0.2	08/05/2018	07/05/2018	9.4
IMOS-ATF Bondi range experiment 2009	1	10	10	0	4,858,409	489	1,975,165	69.5	0.0	15/12/2008	07/08/2009	0.6
IMOS-ATF Cabbage Tree Bay Aquatic Reserve (CTBAR)	1	14	120	62	2,784,381	1,770	8,027,482	55.4	26.6	05/10/2017	03/10/2017	9.3
IMOS-ATF Coffs Harbour line	1	30	125	0	0	1,423	33,947	4.0	1.3	18/08/2018	16/08/2018	8.5
IMOS-ATF / CSIRO Ningaloo Reef Ecosystem Tracking Array (NRETA)	6	146	1,173	473	4,492,942	8,975	5,288,064	17.2	3.7	03/10/2018	02/10/2018	10.9
IMOS-ATF Heron Island	1	44	382	216	3,635,538	3,191	3,719,020	14.3	2.9	12/06/2018	07/06/2018	7.8
IMOS-ATF / JCU Orpheus Island	2	67	435	120	4,369,475	3,399	5,417,429	24.3	13.3	20/05/2018	10/04/2018	7.3
IMOS-ATF Narooma line	1	10	73	0	0	730	731,483	14.2	0.1	09/02/2018	07/02/2018	6
IMOS-ATF One Tree Island	1	21	217	83	380,233	709	420,608	13.8	13.9	12/06/2018	15/05/2018	7.7
IMOS-ATF / OTN Cape Barren Island	1	42	57	0	0	54	664	9.3	1.5	22/10/2013	11/04/2015	2.4
IMOS-ATF / OTN Maria Island line	1	30	150	0	0	222	3,064	5.4	0.7	25/04/2018	12/04/2018	6.1
IMOS-ATF / OTN Perth line	1	78	409	0	0	1,429	90,731	80.8	96.3	21/05/2018	28/03/2017	7.9
IMOS-ATF Port Stephens	0	0	0	0	0	0	0	null	null	null	null	null
IMOS-ATF Rowley Shoals	1	30	114	51	588,583	1,121	548,652	5.8	0.2	07/04/2015	02/09/2016	4.9
IMOS-ATF Scott Reef	1	18	60	25	224,430	305	257,098	5.6	0.0	16/04/2015	06/09/2016	4.8
IMOS-ATF South Australian Acoustic Tracking Network	2	12	96	0	0	174	70,249	33.9	1.3	21/08/2018	05/02/2018	9.5
IMOS-ATF Sydney	1	4	44	0	0	816	1,019,367	9.6	0.2	29/10/2018	29/10/2018	8.8
IMOS-ATF VR2AR	0	0	0	0	4,505,489	0	0	null	null	null	null	null
JCU Cleveland Bay	1	63	3	233	873,922	0	0	null	null	16/03/2009	null	null
JCU coral trout temperature thresholds Great Barrier Reef	0	0	0	0	0	0	0	null	null	null	null	null
JCU Low Isles	0	0	0	40	12	0	0	null	null	null	null	null
JCU Moreton Bay dugong movement	1	31	165	18	23,676	1,060	122,410	53.2	63.0	25/05/2015	08/10/2015	3.4
Lane Cove River Australian Bass	1	8	8	10	26	0	0	null	null	10/12/2015	null	null
Leopard shark Stegostoma East Coast	0	0	0	18	12,522	0	0	null	null	null	null	null
Logan River Catadromous Fish Migration	1	28	79	228	2,924,240	1,258	2,857,539	26.1	0.0	09/12/2014	02/03/2015	1.9
Logan River TERN network	1	32	92	88	1,405,075	1,145	1,642,851	8.7	2.6	22/10/2013	21/10/2013	1.6
Mangrove Jack in	1	29	29	52	647,183	154	475,569	10.4	0.0	14/04/2013	20/02/2014	2

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
Moreton Bay Bull Shark Movements	0	0	0	0	0	0	0	null	null	null	null	null
MQ Blue groper 2013	0	0	0	0	0	0	0	null	null	null	null	null
MQ Bronte-Coogee Aquatic reserve (BCAR)	2	20	77	30	308,656	893	811,701	27.2	27.8	18/12/2013	10/10/2014	5.3
MQ Port Jackson shark movements and social networks	2	3	6	152	2,625,230	67	216,598	6.0	0.0	13/06/2018	22/11/2017	1.4
Mud crab manual tracking in Moreton Bay Marine Park	0	0	0	0	0	0	0	null	null	null	null	null
Mud Crab Tracking	0	0	0	23	63,851	0	0	null	null	null	null	null
Logan River New Zealand white shark tracking	1	25	0	45	186	0	0	null	null	null	null	null
Ningaloo Manta Tracking	0	0	0	39	36,926	0	0	null	null	null	null	null
Ningaloo Shark Nursery	1	12	12	37	584,116	756	2,211,278	14.3	0.2	26/03/2013	29/05/2014	1.2
NSW DPI (Artificial Reef Network)	4	31	61	138	976,691	553	857,517	15.2	0.0	15/06/2015	15/10/2016	4.9
NSW DPI Coastal and Estuarine Fish Tracking (CEFT)	11	276	719	694	5,245,371	9,609	6,399,653	30.1	24.2	27/03/2014	03/07/2014	5.1
NSW DPI Edward Wakool	1	0	0	0	0	0	0	null	null	null	null	null
NSW DPI Jervis Bay	1	69	267	126	1,916,030	2,376	4,437,059	26.5	1.3	24/05/2018	21/03/2018	6
NSW DPI Movements of Coastal Sharks	5	113	569	45	406,978	4,415	3,825,925	22.1	5.1	19/09/2016	14/10/2016	6.4
NSW DPI -	22	60	208	12	450,776	306	34,280	39.5	15.0	17/06/2017	05/05/2017	9
NSW DPI Shark Meshing Program	0	0	0	5	0	0	0	null	null	null	null	null
NSW DPI (Whaler, White and Tiger Shark Program)	0	0	0	454	82,274	0	0	null	null	null	null	null
NT Freshwater Sawfish status mortality and	0	0	0	0	0	0	0	null	null	null	null	null
Obi Obi Creek fish and turtle tracking project	1	42	195	57	5,957,253	405	6,617,231	44.9	3.6	26/10/2015	23/10/2015	2.4
Palau grey reef sharks monitoring	1	15	0	0	0	0	0	null	null	null	null	null
Parrotfish and Brassy Chub OIRS 2011	0	0	0	32	327,198	0	0	null	null	null	null	null
Port Stephens Marine Park tracking project	3	41	87	29	3,536,621	1,920	3,345,872	58.0	0.1	11/10/2012	09/07/2012	1.8
QLD Large Shark Tagging Program	0	0	0	5	385	0	0	null	null	null	null	null
Rabbitfish territory fidelity - north Queensland	1	18	0	30	0	0	0	null	null	null	null	null
Redthroat emperor movement (Capricorn-Bunkers)	0	0	0	60	73,870	0	0	null	null	null	null	null
Richard Pillans's project	0	0	0	0	0	0	0	null	null	null	null	null
Roper River Array	1	28	6	20	1,105,135	181	1,133,905	51.9	2.5	15/09/2015	15/05/2018	2.7
Scaling of Animal Space Use	0	0	0	0	0	0	0	null	null	null	null	null
Sevengill Shark tracking in Victoria	0	0	0	61	591	0	0	null	null	null	null	null
Shark and ray movements patterns	0	0	0	110	1,861,419	0	0	null	null	null	null	null

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at Ningaloo Reef												
Shark Monitoring Network	0	0	0	0	0	0	0	null	null	null	null	null
South Sydney Artificial Reef	0	0	0	0	0	0	0	null	null	null	null	null
South Sydney Artificial Reef	0	0	0	28	0	0	0	null	null	null	null	null
Bluespotted Flathead												
Spangled Emperor at Heron Island	1	10	40	15	176,874	288	219,097	1.7	0.0	06/07/2015	10/02/2016	1.7
Stingray Diaries	1	4	8	32	460,415	46	340,755	32.6	0.0	21/09/2018	25/07/2018	0.9
Acoustic tracking of short-tail stingrays												
Townsville Reefs	19	77	288	347	2,199,629	2,392	2,395,773	15.1	5.0	04/02/2015	27/10/2014	3.2
Tracking Snapper in Port Phillip Bay	0	0	0	0	0	0	0	null	null	null	null	null
UQ grey nurse shark project	6	22	6	21	2,324	60	4,442	21.7	23.5	22/11/2015	04/07/2016	4.6
UQ Project Manta east Australia	2	10	88	85	589,216	412	737,426	24.0	19.4	15/06/2014	11/05/2014	5.1
VIC Fisheries Snapper - Port Phillip Bay	1	47	95	155	843,517	815	895,829	24.4	1.0	07/03/2013	16/09/2013	1.8
Victor Harbour monitoring	1	5	13	0	0	16	636	75.0	57.9	26/11/2017	07/10/2017	1.4
WA commercial	0	0	0	0	0	0	0	null	null	null	null	null
WA tiger shark tracking	0	0	0	15	4,186	0	0	null	null	null	null	null

	IMOS receiver pool	IMOS funded and co-invested	Fully co-invested	TOTAL
Total number of projects:	5	null	100	105
Total number of installations:	5	null	144	149
Total number of receiving stations:	208	null	2170	2378
Total number of receivers deployed:	470	null	7413	7883
Total number of animal releases:	377	null	6,398	6,775
Total number of detections:	5,237,452	null	74,589,572	79,827,024

Other statistics:

Number of projects for which no receiver was deployed and no tag was released:	23
Number of projects for which receivers were deployed but no detection has been uploaded to the	19
Number of protected projects:	1
Number of projects for which receivers have been deployed during the past year:	17