

Envirolink Tools - I to 7August 2019

No.	Tools Round 1	Champion	\$ inc GST	G Provider	Status to 7August 2019
R1-1	Stream habitat assessment	Trevor James	168750	U of C	completed - on website
R1-2	Threatened environment	Rob Phillips	105000	LCR	completed - on Landcare website
R1-3	River management	Brin Williman	168750	NIWA	completed
R1-4	Extending clues	Reece Hill, Jon Roygard	168750	NIWA	completed - on NIWA website
R1-6	Stream restoration	Kevin Collier	168750	NIWA	completed - on website
R1-7	LUC handbook	Garth Eyles Greg Carlyon	360000	AgRes	completed - link on website

(tool meeting 5 May 06; list approved by FRST on 12 June 06)

No.	Tools Round 2	Champion	\$ inc GST	G Provider	Status to 7August 2019
R2-1	Fish monitoring protocol	Bruno David - as of Mar 09	168750	MU	completed - on website
R2-2	Land and soil monitoring - SINDI	Reece Hill + Amy Taylor	112500	LCR	completed - link on website
R2-3	Pest management prioritisation VPDS	Richard Bowman	168750	LCR	completed - link on website
R2-4	Aquifer monitoring framework	Ed Brown David Scott	112500	LVL	completed - part on website

(tool meeting 13 Nov 06; list approved by FRST on 30 Jan 07)

No.	Tools Round 3	Champion	\$ inc GST	G Provider	Status to 7August 2019
R3-2	Coastal hazard assessment	Mike Adye - Hazard	185625	NIWA	completed - on website
R3-3	Virus tool for groundwater protection	was Viv Smith; now Susie O	247500	ESR	completed - on website

(tool meeting 25 June 07; list approved by FRST 23 July 07)

No.	Tools Round 4	Champion	\$ inc GST	G Provider	Status to 7August 2019
R4-1	Sedimentation and instream values	Summer Warr - SWIM	168750	Cawthron	Completed - on website
R4-2	Uses and values of water bodies	Mary-Anne Baker - SWIM	168750	LU	completed - on website
R4-3	Incentives for air quality	Fleur Tiernan - NAQWG	225000	NIWA	completed - on website
R4-4	Guidelines for artificial lakes	Adrian Meredith - SWIM	90000	NIWA	completed - on website
R4-6	Coastal habitat	Jarrold Walker - Coastal	270000	NIWA	completed - on website

(tool meeting 19 Nov 07; final GC list 18 Dec 07; list approved by FRST 10 April 08)

	Tools Round 5	Champion	\$ inc GST	G Provider	to 7August 2019
R5-1	S-map - Soil data tool to underpin dairy farm management	Jeremy Cuff, Reece Hill - LMF	281300	LCR	completed - link on website
R5-2	NZ land use database and classification	Reece Hill, Jeremy Cuff - LMF	225000	LCR	completed - link on website
R5-3	Microbial source tracking for faecal contamination of coastal catchments.	Jarrod Walker - Coastal	308250	Cawthron	Completed - report on website
R5-4	Characterising dairy sludges and slurries	Rachael Millar - SWIM	135000	AgRes	Completed - report on website
R5-5	Update in-stream plant and nutrient guidelines	Summer Warr (was Kate Mc)	112500	NIWA	Completed - report on website

(tool meeting 25 Nov 08; final GC list 5 Dec 08; list approved by FRST 25 Mar 09)

	Tools Round 6	Champion	\$ inc GST	G Provider	to 7August 2019
R6-1	Pest management outcomes	Campbell Leckie BMG	186000	LCR	completed - link on website
R6-2	Capture zone guidelines for hydrological features	John Hadfield - GWF	169000	GNS	completed - 11/4/14 on website
R6-3	Soil quality indicators: the next generation	Reece Hill - LMF	208,000	AgRes	Completed - report on website

(tool meeting 12 Oct 09; final GC list 29 Oct 09; FRST notification of approval 7 Dec 09)

	Tools Round 7	Champion	\$ inc GST	G Provider	to 7August 2019
R7-1	Risk-based planning	Lisa Pearse - Hazards	230000	GNS	completed on website
R7-2	Monitoring terrestrial biodiversity	Fleur Maseyk + Kevin Collins - BMG/BTG	230000	LCR	completed on website
R7-3	Web-based tool for managing all relevant spatial tools	Beat Huser and Steve Markham - Policy	115,000	Massey	completed on website

(tool meeting 13 Nov 10; final GS list 18 Nov 10; FRST notification of approval 23 Dec 10)

	Tools Round 8	Champion	\$ inc GST	G Provider	to 7August 2019
R8-1	National environmental monitoring standards	Jeff Watson + Rob Christie LAEMG	103500	NIWA	completed draft on website

R8-2	Maximising the effectiveness of farm plans	Tony Faulkner LMG	230000	NIWA	completed on website
R8-3	Guidelines for monitoring land fragmentation	Amy Taylor + Andrew Burton LMF	241500	LCR	

(tool meeting 27 Oct 11; Final GC list 4 Nov 11; MSI notification of approval 29 Nov 11)

Tools Round 9

		Champion	\$ inc GST	G Provider	to 7August 2019
R9-1	Regional flood estimation in New Zealand	Gary Clode - River Managers, Martin Doyle LAEMG	172500	NIWA	completed on website
R9-2	Interoperable S-map	Colin Gray + Barry Lynch - LMF, Lisa Pearse - Hazards	230000	LCR	
R9-3	Review of the New Zealand instream plant and nutrient guidelines and development of an extended decision making framework: Phase 3	Graham Sevicke-Jones SWIM	172500	NIWA	

(tool meeting 29 Oct 12; Final GC list 6 Nov 12; MSI notification of approval 8 February)

Tools Round 10

		Champion	\$ inc GST	G Provider	to 7August 2019
R10-1	Estuarine Trophic Index	Anna Madarasz- Smith - Coastal	287,500	NIWA - Mal Green	completed on website
R10-4	Background concentrations and soil guideline values for the protection of ecological receptors	Dominique Noiton - Waste & Contaminated Land Forum	253,000	LCR - Jo Cavannag h	

(tool meeting 4 Nov 2013; GC list 14 Nov 2013; MBIE approval 23 Jan 2014)

Tools Round 11

		Champion	\$ inc GST	G Provider	to 7August 2019
R11-2	NEMS water quality standard	Jeff Watson Simon Tredgett (AC) - LAEMG Jim Price (PM)	172500	NIWA	completed on website
R11-5	Upgrade NZ high intensity rainfall design system (HIRDS)	Jeff Watson, Gary Clode - Rivers, LAEMG, HMG	402500	NIWA - Graeme Horrell	

(tool meeting 22 Oct 2014; GC list 3 Nov 2014; MBIE approval 23 Feb 2015)

	Tools Round 12	Champion	\$ inc GST	G Provider	to 7August 2019
R12-1	Aquatic weed management best practice guide	Don McKenzie (BMG)	225400	NIWA	a bit late
R12-2	A review of the marine contact recreation water and shellfish gathering guidelines.	Anna M-S (Coastal)	115000	NIWA	completed on website
R12-3	Development of a national fish passage assessment protocol and data management tools	Trevor James (SWIM)	166750	NIWA	expected June 2019
R12-4	Protocol and methodology standards for farm scale soil mapping	Karen Wilson (LMF)	67850	LCR	completed on website

(tool meeting 22 Oct 2015; GC list 5 Feb 2016; MBIE approval 9 May 2016)

	Tools Round 13	Champion	\$ inc GST	G Provider	to 7August 2019
R13-1	Cost effective tools for monitoring urban waters	C Conwell M Cameron T Davie R Hodson (SWIM)	172500	NIWA (Gadd and Moores)	on track for completion June 2019
R13-2	Interoperable modelling systems for integrated land and water management	T Davie (SWIM)		NIWA (Elliott)	cancelled - looking for other ways to fund
R13-3	Mobile technology to enhance public participation in weed surveillance	R Milne (BMG)	172500	Scion (Pawson)	projects underway
R13-4	Improving Uptake of Decision Support System (DSS) Tools	B Huser (Policy)	57500	LCR	completed - website updated
R13-5	Wetland Delineation: Soil Tool Development	R Smith (BMG)	57500	LCR	projects underway

(tool meeting 20 Oct 2016; GC list 30 Nov 2016; MBIE approval 12 May 2017)

	Tools Round 14	Champion	\$ inc GST	G Provider	to 7August 2019
R14-1	Molecular tool for detecting fish species in freshwater	Ebrahim Hussein	299000	Cawthron	projects underway
R14-2	Satellite MODUS-Aqua Coastal Water Quality Tool	Megan Oliver Melissa Foley Steve Ulrich (Coastal)	126500	NIWA	projects underway
R14-3	Measurement of total flow in weedy lowland streams	Mike Ede (Env Data) Thomas Wilding (SWIM)	149500	NIWA	projects underway

(tool meeting 19 Oct 2017; GC list 7 Dec 2017; MBIE approval 25 June 18)

Tools Round 15

Tools Round 15	Champion	\$ inc GST	G Provider pleted - link on wet
R15-2 Aerial survey system to quantify toxic cyanobacteria cover	SWIM: Mark Heath (GW), Shirley Hayward (ECAN), Roger Hodson (ES)	253000	NIWA: Hamish Biggs, Jo Bind, Cathy Kilroy, Karl Safi
R15-1 A collaborative satellite data workspace for regional councils	LMF: Reece Hill (WRC), Nancy Golubiewski (AC)	322000	GNS: Rogier Westerhoff

projects underway

projects underway

to Round 15
51 tools

10093550
10.09

million