

# Welcome!



## 2019 New Zealand Sea Lion Threat Management Plan Forum



Te Rūnanga o NGĀI TAHU



**Fisheries New Zealand**

Tini a Tangaroa



Department of Conservation  
*Te Papa Atawhai*

# Purpose

- Hear the results of last year's Sea Lion TMP work
- Seek Forum endorsement of priority projects for 2019/2020
- Develop priority projects for 2020 / 2021 for Rakiura, Murihiku and Otākou
- Provide an opportunity to:
  - view and experience the projects on a field trip to sea lion habitat
  - network and share expertise with others involved in sea lion management and protection.

# Outcomes

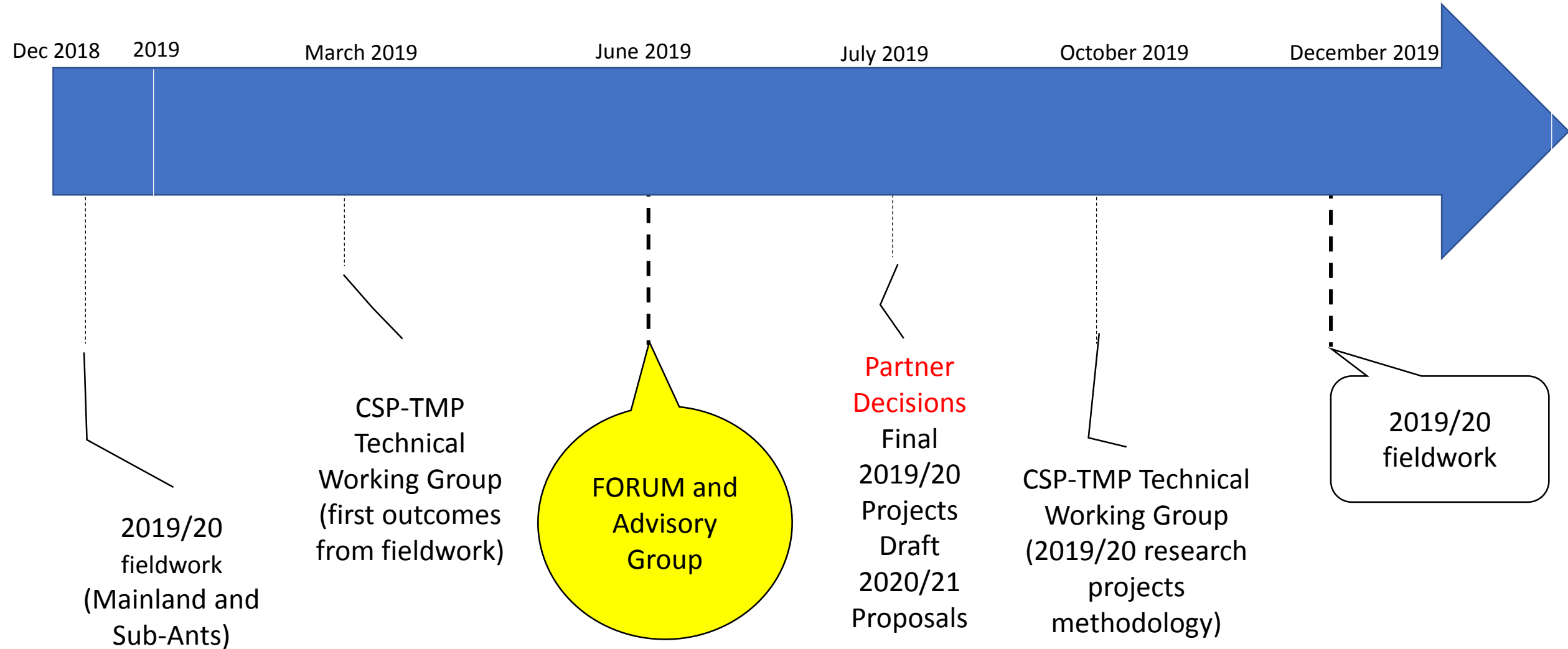
- Priority projects / focus areas for TMP work in respect of Rakiura, Murihiku and Otākou; and
- Any other recommendation(s) the Forum may wish to in respect of Rakiura, Murihiku and Otākou to;
  - Fisheries NZ
  - Conservation Services Programme
  - Others.

# How Workshop Results will be used

- Forum Recommendations go to Sea Lion TMP Advisory Group **tomorrow**
  - considered with recommendations for off-shore islands
  - confirmed set presented to TMP Partners
- TMP Partners consider and confirm recommendations to:
  - DOC for inclusion in business planning
  - NZ Fisheries...
  - Conservation Services Programme...
  - Others...
- DOC technical working group develops the business cases.
- Refined proposals for 2020/21 year will return to the 2020 Forum for endorsement

Time	Agenda Item
10:00	Karakia, Mihi Whakatau, Welcome, Introductions, Purpose and Programme
10:15	Morning Tea
10:30	Taking Stock – Progress on the Threat Management Plan
11:00	Sea Lions / Rāpoka and Te Āo Māori
11:45	Sea Lion / Rāpoka TMP Research Proposals 2019/20
12:00	Updating the Current Situation – Te Waipounamu and Rakiura
1:00	Lunch
2:00	Research Focus Areas 2020 / 21: Coastal Users, Infrastructure and Developments, Private Land Activities, Fisheries and Aquaculture
3:30	Afternoon Tea
3:45	Recommendations
5:15	Workshop Evaluation & Next Steps
5:30	Karakia and close

# NZ Sea Lion TMP – engagement



## Fisheries New Zealand

(Sea lion activities and projects related to fisheries management and research)

### Ongoing projects and research

Squid 6T fishery queries

Key contact: Fisheries NZ → greg.lydon@mpi.govt.nz

Squid Operational Plan Technical Advisory Group

Fisheries research, population modelling queries

Key contact: Fisheries NZ → ben.sharp@mpi.govt.nz

Aquatic Environment Working Group (AEWG)

Priorities discussion

Key contact: TMP coordination → marine@doc.govt.nz

**Forum and Advisory Group**

## Department of Conservation – National Office

(Overall coordination, research of interactions of fisheries and sea lion, other research projects, fieldwork updates and stakeholders engagement)

### Ongoing projects and proposals

Sea lion and fisheries interactions

Key contact: CSP team → csp@doc.govt.nz

Conservation Service Programme, Technical Working Group (TWG)

Non-fisheries research proposals and updates

Key contact: TMP coordination → marine@doc.govt.nz

Threat Management Plan, TWG

Fieldwork expression of interest

Key contact: TMP coordination → marine@doc.govt.nz

Subantarctic fieldwork

Targeted issue not covered above

Key contact: TMP coordination → marine@doc.govt.nz

Ad-hoc working groups (i.e. tag-Advisory Group)

## Department of Conservation – Otago, Southland and Stewart Is

(Local and regional responses, regional fieldwork, advocacy and conservation action in the area)

### Regional, local projects

Advocacy, fieldwork and local/regional actions

Key contact: Regional offices.

Otago/Southland/Stewart Is fieldwork

# 2018 / 2019 – Progress Report

Research Programme Area	No.	2018 – 2019 Project Name
<b>POP2018-03 New Zealand Sea Lion</b>	1	Auckland Islands pup counts and updates
<b>TMP New Zealand Sea Lion</b>	2	Otago and Southland pup counts and updates
	3	Stewart Island pup counts and updates
	4	Campbell Island pup counts, updates and preliminary results from gross post-mortem investigations
	5	Suitable habitats model – southern South Island project updates
	6	Enderby Island pup mortality and necropsy preliminary results
	7	Campbell Island pup behaviour in relation to terrain traps
	8	Fisheries New Zealand projects update
	9	Mātauranga project update



# Update on What's Happening – Mapping

## FIRST GROUP AT A MAP

- Using the **BLACK** pen: Mark **where** the sea lions are. Identify if the land is **private or public**
- Using the **RED** pen: Write down the **current issues**.
- Using the **GREEN** pen: Identify **current projects**, and **who** is doing them.
- Using the **BLUE** pen: Identify any **new needs or gaps**, and **who** needs to be involved if these are to be dealt with.

## SECOND AND THIRD GROUPS AT A MAP

- Read through what the previous group(s) have come up with.
- ADD anything that is missing (using the correct coloured pens)
- If you DISAGREE with anything, write your reason

# 2019 / 2020 Projects for Endorsement

- Developed building on ideas and priorities identified at 2018 Forum & Advisory Group

	Project	Workstream
Campbell Island	Pup count, tagging	Evaluation
	Operation Endurance	Direct mitigation
	Davis Point mitigation	Direct mitigation
Auckland Islands	Pup count, tagging, microchipping, tagging, extended season	Evaluation
	Necropsies at Enderby Is and analysis of samples	Targeted research
	Dundas re-sighting	Evaluation
Ōtākou	Pup count, tagging, microchipping	Evaluation
Murihiku	Pup count, tagging, microchipping	Evaluation
Rakiura	Pup count, tagging, microchipping	Evaluation
Others / all areas	Mātauranga project	All
	Liaison Officer	Engagement
	SQU6T Operational Plan review	Direct mitigation
	Cryptic mortality in fisheries	Direct mitigation
	Update Campbell Island NZSL Population Sustainability Threshold (PST) estimation	Targeted research

# 2020 / 2021 Projects for Development

- Built on ideas from local staff and some stakeholders

Projects for Discussion and Development	Project	Interaction type
Ōtākou	Interactions with coastal users	Coastal Users
	Interactions with coastal structures / developments	Infrastructure and Developments
	Sea lion coastal habitat and their management on private land	Private Land Activities
	Recreational and commercial fisheries (to be agreed with discussed with Fisheries New Zealand)	Fisheries and Aquaculture
Murihiku	Interactions with coastal users	Coastal Users
	Interactions with coastal structures / developments	Infrastructure and Developments
	Sea lion coastal habitat and their management on private land	Private Land Activities
	Recreational and commercial fisheries (to be discussed with Fisheries New Zealand)	Fisheries and Aquaculture
Rakiura	Interactions with aquaculture	Fisheries and Aquaculture
	Interactions with coastal users	Coastal Users
	Recreational and commercial fisheries (to be agreed with Fisheries New Zealand)	Fisheries and Aquaculture
<i>Multi-Year Projects for Endorsement only</i>	<b>Pup count, tagging</b> – Ōtākou, Murihiku, Rakiura	<i>Monitoring</i>
	<b>Liaison Officer</b> – marine mammals and TMP programmes everywhere	<i>Engagement</i>
	<b>Matauranga Maori</b>	

# TMP Progress 2018/2019

- Identify the project(s) **you know about**
- Write the number of these projects on your **GREEN** sticky note
- Choose three project you most want to know **more** about
- Write the number of these projects on your **ORANGE** sticky note
- Form two lines facing each other. **Line A:** Identify someone with the number of a project you want to know something about on their **GREEN** sticker
- Talk with them and ask any questions you like. You'll have TWO minutes.
- When the bell goes, line up again: This time **Line B** will identify someone with the number of a project you want to know something about on their **GREEN** sticker

# Developing Priorities for 2020 / 2021 - 1

For **each** project proposal:

- Look at the **goals**. Are they right?
- If we have to choose which goal to do first, how would you **rank them**? Why?
- Where would it be good to test this project?
- Who could lead it? Who else needs to be involved?

Looking across **all** the project proposals:

- Think about the issues and considerations identified earlier. Is something missing?
  - If yes, you may propose a new project(s) on the template(s) provided.