

Workshops initiated by the Blue Cradle Foundation and the Cawthron Institute (NZ) / IRCP and CRIOBE (PF)
Atelier initié par la foundation Blue Cradle (NZ), l'Institut Cawthron (NZ), l'Institut de Récifs Coralliens du Pacifique (IRCP – Polynésie) et le CRIOBE (Polynésie)

MARINE BIOSECURITY RESEARCH AND MANAGEMENT FOR FRENCH POLYNESIA AND THE SOUTH PACIFIC REGION

RECHERCHE ET GESTION DE LA BIOSÉCURITÉ MARINE POUR LA POLYNÉSIE FRANÇAISE ET LE PACIFIQUE SUD

September 22-23, 2022, CCISM (Tahiti) and CRIOBE (Moorea), French Polynesia

PROGRAM / PROGRAMME

OVERALL OBJECTIVES

The aim of this workshop is to scope opportunities and priorities for scientific and technical cooperation around marine biosecurity management between Aotearoa New Zealand, French Polynesia and the wider South Pacific region. While all aspects of the biosecurity system will be considered there will be particular focus on tools for pest detection and management of transport pathways. Through this workshop and the production of a documentary on the subject, the organizers hope to promote regional capability development in biosecurity and a platform for collaboration and information sharing.

Expected Outcomes:

Stocktake: Understand marine biosecurity systems and future needs for French Polynesia and the wider region

Capability development: Establish enduring relationships and avenues for knowledge transfer

Work plan: Create a priority list of biosecurity research needs for the region and identify funding avenues for a collaborative project.

OBJECTIFS GÉNÉRAUX

L'objectif de cet atelier est de définir les opportunités et les priorités en termes de coopération scientifique et technique autour de la gestion de la biosécurité marine entre Aotearoa - Nouvelle-Zélande, la Polynésie française et plus globalement à l'échelle du Pacifique Sud. Tous les aspects en lien avec les systèmes de biosécurité seront pris en compte, mais un accent particulier sera mis sur les outils de détection et de détection précoce des espèces invasives et la gestion des voies de transport. A travers cet atelier et la production d'un documentaire sur le sujet, les organisateurs souhaitent promouvoir le développement des capacités régionales en biosécurité et une plateforme de collaboration et de partage d'informations.

Résultats attendus :

Bilan : comprendre les systèmes de biosécurité marine et les besoins futurs de la Polynésie française et de la région au sens large

Développement des capacités : Établir des relations durables et des voies de transfert de connaissances

Plan de travail : Créer une liste prioritaire des besoins de recherche en biosécurité pour la région et identifier des pistes de financement pour un projet collaboratif.

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L'atelier sera précédé de 2 conférences grand public par des experts internationaux du domaine ouverte à tout le monde. Ces conférences seront en français.

The workshop will be preceded by 2 conferences for the general public by international experts in the field open to everyone. These conferences will be given in French.

Public Conferences / Conférences publiques

Public Conference 1 / Conférences publiques	Speaker and Presentation Title / Conférencier et titre de la conférence
Tuesday September 20, 2022 17:30 – CRIOBE, Moorea	Professor Eva Garcia-Vasquez, University of Oviedo, Spain Enjeu de biosécurité : espèces voyageant avec les navires Biosecurity issue: species traveling with ships

Public Conference 1 / Conférences publiques	Speaker and Presentation Title / Conférencier et titre de la conférence
Wednesday September 21, 2022 17:30 – CCISM, Papeete, Tahiti (Amphitheatre)	Associate Professor Xavier Pochon, Cawthron Institute/University of Auckland, New Zealand Utilisation de l'ADN environnemental : de la surveillance de routine à la science citoyenne Environmental DNA applications: from routine monitoring to citizen science (title to be translated in French)

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Workshop - Day 1 (Thursday September 22, 2022, amphitheatre CCISM Tahiti)

Atelier – Jour 1 (Jeudi 22 septembre 2022, amphithéâtre CCISM Tahiti)

Marine Biosecurity: status, needs and opportunities

Biosécurité marine : statut, besoins et opportunités

Time / Horaires	Item / Contenu	Lead / Intervenant
8.30am	Welcome and introductions / Accueil et introductions <ul style="list-style-type: none"> Context/Background Purpose of the workshop. Expected outcomes. Introductions organizers and facilitator Animation 	Serge Planes
8.50am	Pacific Fund and the Blue Cradle Foundation <ul style="list-style-type: none"> Foundation mission and activities 	James Nikitine
9.00am	Facilitator to introduce VIP speaker <ul style="list-style-type: none"> President of the French Polynesia Territory Delegate for Research & Technology, Haut-Commissariat de la République en Polynésie Française 	Larry Tchiou Edouard Fritch Jean-Christophe Auffray
9.30am	Facilitator to introduce Intervention from Sujiro Seam, The Ambassador and Head of Delegation of the European Union for the Pacific	Larry Tchiou
9.40am	MORNING TEA / PAUSE CAFÉ	
10.00am	Introduction to SESSION 1 – State of Play: Marine Biosecurity & Policy - Marine biosecurity (threats/risks, the future, existing interventions or lack of, capability needs) 3 PRESENTATIONS: Tahiti, Pacific, and NZ	Facilitator: Larry Tchiou
10.05am	Introduction to Presentation 1: a French Polynesia context <ul style="list-style-type: none"> Cluster Maritime Port Autonome Direction de la Biosécurité Direction de l'Environnement CCISM 	Tuanua Degage Bran Quinquis Laurent Pasco Raimana Doucet Yannick Lecornu

Serge Planes | IRCP – CRIOBE

BP 1013, 98729 Papetoai, MOOREA, POLYNESIE FRANCAISE

planes@univ-perp.fr | 87 20 26 46

10.55am	Introduction to Presentation 2. Wider Pacific context - Understanding and managing marine transport pathways - Modelling biosecurity pathway risk in NZ and across the broader South Pacific	Oli Floerl Eric Tremi
11.35am	Introduction to Presentation 3. A New Zealand perspective - Ministry for Primary Industry (NZ) - Northland Regional Council (NZ)	Daniel Kluza Aless Smith
12.05pm	Questions & Discussion <ul style="list-style-type: none"> What are the main issues/challenges for marine biosecurity management in FP? What would be the appetite and potential pathways to establishing a marine biosecurity programme in Tahiti and the wider region? 	Facilitator: Serge Planes
12.30pm	Group photo / Photo de groupe	
12.40pm	LUNCH / DÉJEUNER	
1.30pm	Introduction to SESSION 2 – Examples of research that underpins and support marine biosecurity systems and management 3 PRESENTATIONS: Tahiti, Pacific, and NZ	Facilitator: Larry Tchiou
1.35pm	Tahiti / NZ collaboration: a basis for this workshop - UPF/Cawthron	Mayalen Zubia/Xavier Pochon
2.00pm	Introduction to Presentation 2: Wider Pacific context - USP (Pacific Islands Marine Bioinvasion Alert Network - PacMan)	Joape Ginigini
2.20pm	Introduction to Presentation 3: a New Zealand perspective - Cawthron (Biosecurity Toolbox) -	Anastasija Zaiko
2.40pm	Questions & Discussion <ul style="list-style-type: none"> Would the activities described in this session be of relevance to Tahiti/FP/SP? Can establishment of local/regional research build on existing capability in NZ? 	Facilitator: Serge Planes
3.30pm	AFTERNOON TEA – PAUSE CAFÉ	
4.00pm	General Discussion <ul style="list-style-type: none"> Recap of objectives Highlights of the day and take home messages Key needs for Tahiti/FP Pathway to collaboration 	Facilitator : Serge Planes
5.00pm	End of first day	
5.30pm	Cocktails at CCISM followed by self-funded dinner	

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Workshop Day 2 (Friday September 23, 2022, amphitheatre CRIOBE Moorea)

Atelier – Jour 2 (Vendredi 23 septembre 2022, amphithéâtre CRIOBE Moorea)

Technical day – toward development of an enduring cooperation and collaborative project
Journée technique – vers le développement d'un projet de coopération et de collaboration pérenne

Time / Horaires	Item / contenu	Lead / Intervenant
8.30am	Welcome and objectives of the day	Serge Planes
8.45am	Recap of Day 1 <ul style="list-style-type: none"> • Priority needs for Tahiti and region • Key issues, challenges and opportunities identified during discussions • Additional reflections (all) 	James Nikitine
9.15am	Opportunities for regional capability and biosecurity system development, building on existing efforts in NZ <ul style="list-style-type: none"> • How could a project be developed and coordinated ? Initiators, process, timeframes, funding opportunities • Potential barriers and how to overcome them • Other partners needed and how to approach them 	Xavier Pochon
10.30am	MORNING TEA	
11.00am	Project scoping <ul style="list-style-type: none"> • Short and long-term opportunities • Objectives, work packages, timeframes, partners • Roles (proposal and project) • Process and timeframe 	Serge Planes
12.25pm	Group photo	
12.30pm	LUNCH	

Afternoon : visit of CRIOBE and/or Interviews

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List of participants / Liste des participants

Représentation et délégation "Pacifique et international"

- Union Européenne **Sujiro Seam** (Online)
- SPREP **Tony Talouli** (TBC)
- Fidji - University of South Pacific **Joape Ginipini** (PacMan project manager)
- Australia – Deakin University **Eric Trembl** (Professor)
- Spain – Universidad de Oviedo **Eva Garcia Vazquez** (Professor)

Représentation et délégation « Nouvelle Zélande »

- Ministry for Primary Industries **Daniel Kluza** (Officer Biosecurity Science & Risk advisor)
- Northland Regional Council **Aless Smith** (Biosecurity Officer)
- Blue Cradle Foundation **James Nikitine** (Director)
- **Emma Smart** (Technical support for film documentary)
- Cawthron Institute **Anastasija Zaiko** (co-leader of Marine Biosecurity Toolbox)
- Oliver Floerl** (co-leader of Marine Biosecurity Toolbox)
- Xavier Pochon** (Team leader Molecular surveillance)

Représentation « Polynésie »

- CCISM **Stephane Chin Loy** (Président)
- Cluster Maritime **Yannick Lecornu** (Director)
- Direction de la Recherche **Tuanua Degage** (Président)
- **Gérard Siu** (TBC)
- Délégué territorial à la recherche et à la technologie **Tea Frogier** (Directrice)
- Direction de la Biosécurité **Jean-Yves Meyer**
- Direction des Ressources marines **Jean-Christophe Auffray** (Délégué)
- Direction de l'Environnement **Laurent Pasco** (TBC)
- Port Autonome **Miri Tatarata** (Directrice)
- Office français de la Biodiversité **Raimana Doucet**
- Université de la Polynésie française **Bran Quinquis**
- University of California, Gump station **Franck Connan**
- CRIOBE/IRCP **Mayalen Zubia** (Maitre de conférences)
- Neil Davis** (Director)
- Serge Planes**
- Cécile Berthe**

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