

**Workshop on the application of biotechnology in fishing and aquaculture to improve management, sustainability and productivity in APEC economies**

**13 August 2024**  
**Los Conquistadores Convention Center, Trujillo, Perú**  
**Meeting Room - España**  
**Agenda**

<b>Time (GMT-5)</b>	<b>13 August 2024</b>
9.00 – 9.45 am	<b>Participant Registration and Arrival</b>
9.45 – 9.55 am	<p><b>Welcoming Remarks and Keynote Speech</b></p> <ul style="list-style-type: none"> <li>• <b>Ms. Haydee Victoria Rosas Chávez</b></li> </ul> <p>Director of the General Directorate of Fisheries and Aquaculture Policy and Regulatory Analysis.                      Ministry of Production of the Republic of Peru</p>
<b>Block 1: Policies and Strategies to promote sustainability and productivity in fisheries and aquaculture through the application of biotechnology</b>	
9.55 – 10.15 am	<p><b>Panel 1: The application of biotechnology as public policy in Fisheries and Aquaculture sectors in APEC economies</b></p> <ul style="list-style-type: none"> <li>• <b>Mr. Ramses Salas Asencios - UNFV (Peru)</b></li> </ul> <p>Genomic and molecular diagnosis of infections, its biotechnologic application in fishing and aquaculture: the AHPND case.</p> <ul style="list-style-type: none"> <li>• <b>Ms. Muriel Gómez Sánchez Orezzaoli – SANIPES (Peru)</b></li> </ul> <p>Use of biotechnology as a strategy for aquatic animal disease surveillance and control</p> <ul style="list-style-type: none"> <li>• <b>Ms. Licia Yanina Salvatierra Capcha – ITP (Peru)</b></li> </ul> <p>Biotechnology and its application in the laboratories of the Technological Institute of Production for the fishing and aquaculture sectors.</p>
10.15 – 10.25 am	<b>Session 1: Q&amp;A</b>
10.25 – 10.45 am	<p><b>Panel 2: Impact of the application of biotechnology in fisheries management</b></p> <ul style="list-style-type: none"> <li>• <b>Dr. Mónica Imarai – USACH (Chile)</b></li> </ul> <p>Fish immunity: knowledge needed to improve animal health in aquaculture.</p> <ul style="list-style-type: none"> <li>• <b>Ms. Giovanna Sotil Caycho - IMARPE (Peru):</b></li> </ul> <p>Molecular approaches for sustainable fishery management: eDNA and SNPs applied in IUU fishing and stock discrimination.</p>

	<ul style="list-style-type: none"> <li>• <b>Dr. Mehrdad Hajibabaei</b> – eDNAtech (Canada) – <b>TBC</b></li> </ul>
10.45 – 10.55 am	<b>Session 2: Q&amp;A</b>
10.55 – 11.10 am	<b>Coffee Break</b>

<b><u>Block 2: Exchange of Experiences</u></b>	
11.10 – 11.30 am	<p><b>Panel 3: Experiences in genetic improvement programs with the application of biotechnology.</b></p> <ul style="list-style-type: none"> <li>• <b>Dr. Carlos Alfredo Bocanegra García</b> - UNT (Peru) Model Proposal</li> <li>• <b>Mr. Matthew Tan</b> (Singapore): APEC PPFS Case Study - Selective Genetic Breeding Impact on Aquaculture &amp; Use of Biotechnology for Breeding Impact in Aquaculture.</li> <li>• <b>Ms. Giovanna Sotil Caycho</b> - IMARPE (Peru): Application of NGS techniques for the identification of trait-associated genes of interest in aquaculture and their application in breeding programs.</li> </ul>
11.30 – 11.40 am	<b>Session 3: Q&amp;A</b>
11.40 – 12.00 pm	<p><b>Panel 4: Bioremediation in Fisheries and Aquaculture</b></p> <ul style="list-style-type: none"> <li>• <b>Dr. Hsiang-Chieh Chuang</b> (Chinese Taipei) Application of Probiotics for Stabilizing Aquaculture Farming Environments.</li> <li>• <b>Mr. Americo Sanchez Fernandez Baca</b>- IMARPE (Peru): Marine population recovery program through the implementation of technological tools for the sustainable development of Peruvian coastal marine ecosystems.</li> <li>• <b>Mr. Alberto Oscanoa Huaynate</b> - IMARPE (Peru): Utilization of wastewater from the fishing and aquaculture industry for the production of microalgae and biochar.</li> </ul>
12.00 – 12.10 pm	<b>Session 4: Q&amp;A</b>
12.10 – 12.25 pm	<p><b>Closing Remarks and Photo Session</b></p> <ul style="list-style-type: none"> <li>• <b>Ministry of Production of the Republic of Peru</b></li> </ul>
12:25 pm	<b>Farewell</b>