

**INTER-AMERICAN TROPICAL TUNA COMMISSION
4TH TECHNICAL MEETING ON DORADO**

San José, Costa Rica

10-12 March 2026

**REVIEW OF THE CONCEPTUAL MODEL AND AVAILABLE DATA FOR THE STOCK
ASSESSMENT OF DORADO IN THE EASTERN PACIFIC OCEAN**

AGENDA

SCHEDULE:

8:00 Tuesday only: registration (open all day)

9:00 Start (except Tuesday: opening at 8:30)

10:30-10:45 Break

13:00-14:00 Lunch

15:30-15:45 Break

18:00 Adjournment (flexible)

AGENDA ITEMS:

1. Inauguration and opening (beginning at 8:30 on Tuesday)

1.1. Welcome and background on previous dorado workshops

1.2. Background on dorado in the eastern Pacific Ocean and workshop structure

2. Updated fisheries knowledge (fisheries description, monitoring and data collection systems)

2.1. Short presentations by participants

3. Review of the conceptual model

3.1. Stock structure

3.2. Biology

3.3. Fisheries and associated data

3.4. Others

4. Dorado assessment:

4.1. SS3 model

4.2. Other options

5. Work plan

5.1. Update of the assessment

5.2. Need for a Management Strategy Evaluation

5.3. Proposals for the operation of the Working Group on Dorado

6. Others

6.1 Field trip to observe a landing

7. Adjournment

Day	Time	Activity	Person in charge	Institution
Monday, 9 March	All day	Arrival of participants		
Tuesday, 10 March		Inauguration and opening		
	8:00	Arrival at the venue and introduction of head table	Ana Victoria Paniagua	COREMAHI
	8:30	Welcome	Victor Carvajal, Minister of Agriculture	Ministerio de Agricultura, Costa Rica
	8:45	Presentation of the event	Alexandre Aires-da-Silva, Coordinator of Scientific Research; Head of Scientific Research Division	Inter-American Tropical Tuna Commission (IATTC)
	8:55	Inauguration and logistics	Ana Victoria Paniagua, Workshop Co-Coordinator	COREMAHI
	9:00	Introduction of participants	Participants	All
	9:30	Group photo	Participants	All
	10:00	Background on dorado in the eastern Pacific Ocean and workshop structure	Carolina Minte-Vera, Senior Quantitative Fisheries Scientist, Workshop Co-Coordinator	IATTC
	10:30	Break		
		Updated fisheries knowledge		
	10:45	Monitoring system for dorado (<i>Coryphaena hippurus</i>) in Peru	Sandra Cahuín Villanueva	Instituto del Mar del Perú (IMARPE)
	11:15	Monitoring of dorado fishery landings in Ecuador	Manuel Peralta Bravo	Instituto Público de Investigación de Acuicultura y Pesca -Ecuador
	11:45	Costa Rica	José Miguel Carvajal	Instituto Costarricense de Pesca y Acuicultura (INCOPESCA)
	12:15	Colombia	Luis Zapata	WWF Colombia
	12:30	Panama	Robert Duarte	Autoridad de los Recursos Acuáticos de Panamá, Departamento de Evaluación de los Recursos Acuáticos
	13:00	Lunch		
	14:00	Mexico: Variability in the size structure of dorado (<i>Coryphaena hippurus</i>) caught by the recreational fleet in Cabo San Lucas, Baja California Sur	Sofia Ortega-Garcia	CICIMAR-Instituto Politécnico Nacional - Mexico

	14:30	Studies of coastal fisheries in the IATTC	Salvador Siu, Coastal and Sub-Regional Fisheries Scientist	IATTC
	15:00	Total catch estimates and summary of IATTC data	Carolina Minte-Vera	IATTC
	15:30	Break		
	15:45	Discussion: challenges and opportunities for monitoring dorado fisheries in the EPO	Participants	All
	16:15	Discussion		
	16:45	Discussion		
		Conceptual model of dorado in the EPO		
	17:00	Introduction to conceptual models: example from the latest dorado assessment	Carolina Minte-Vera	IATTC
		<i>Stock structure</i>		
	17:30	Spatio-temporal genetic variability of dorado (<i>Coryphaena hippurus</i>) in the transition zone of the equatorial front in the eastern Pacific	Sofia Ortega	CICIMAR-IPN, Mexico, Peru-Ecuador Binational Work
	18:00	End of daily activities		
	18:30	Welcome cocktail		COREMAHI
Wednesday, 11 March		Conceptual model of dorado in the EPO - continued		
		<i>Biology</i>		
	9:00	Advances in the biology and fishery of dorado (<i>Coryphaena hippurus</i>) in Peru	Marilú Bouchon Corrales	IMARPE - Peru
		<i>Movement</i>		
	9:30	Initial results of a pilot study to understand the transboundary movements of dorado (<i>Coryphaena hippurus</i>) in the eastern Pacific Ocean	Christopher Perle	Peru-Ecuador Binational Work
	10:00	Potential ecological and socioeconomic impacts of climate change on the dorado fishery in the tropical Eastern Pacific	María de los Ángeles Schoenbeck-Yanes	Peru-Ecuador Binational Work
	10:30	Break		
	10:45	<i>Conceptual model discussion</i>	Participants	
	11:15	<i>Conceptual model discussion</i>		
		Dorado assessment:		
	12:00	Advances in the dorado (<i>Coryphaena hippurus</i>) stock assessment in Peru	Elmer Quispe Salazar	IMARPE - Peru

	12:30	Dorado (<i>Coryphaena hippurus</i>) stock assessment in the eastern Pacific using generalized multi-year and multi-fleet depletion models, combined with ecosystem-based surplus production models (fisheries in Ecuador and Peru)	Rubén H. Roa-Ureta	Consultant, Peru-Ecuador Binational Work
	13:00	Lunch		COREMAHI
	14:00	Dorado stock assessment model in Stock Synthesis 3.0	Carolina Minte-Vera	IATTC
	14:30	Discussion of the assessment work plan	Participants	
	15:30	Break		
		IATTC Working Group on Dorado		
	15:45	Discussion of technical recommendations from participants to the IATTC Working Group on Dorado and research recommendations	Participants	
	18:00	End of daily activities		
		Free night		
Thursday, 12 March	8:00	Field trip to observe a landing in Puntarenas		COREMAHI
	10:30	Landing at the dock		INCOPECA
	12:00	Lunch in Puntarenas		COREMAHI
	14:00	IATTC Working Group on Dorado		
		Technical recommendations from participants to the IATTC Working Group on Dorado	Participants	
	15:00	Break		
	15:30	Summary of results and adoption of recommendations by participants	Coordinators	
		Other business		
	16:15	Adjournment	Nelson Peña Navarro, Executive Director	INCOPECA
	16:30	Return to San Jose		